

A lighthouse stands on a grassy hill at night, its light glowing brightly. The sky is filled with numerous concentric star trails, creating a circular pattern around the lighthouse. The foreground shows a grassy slope leading up to the lighthouse.

SAMSUNG DISPLAY

Sustainability Report 2024

About this Report

Report Overview

Samsung Display is publishing its fourth sustainability report in June 2024 to communicate transparently with stakeholders regarding the economic, social, and environmental value and performance generated through its business activities. This report faithfully captures the sustainability management achievements of Samsung Display in 2023, diligently incorporating the demands of various stakeholders and identifying material issues through a double materiality assessment. Going forward, Samsung Display will continue to transparently disclose the company's mid-to-long-term strategies and goals, key activities, and achievements to stakeholders through the annual publication of the sustainability report.

Reporting Period

This report covers the ESG performance and activities from January 1, 2023, to December 31, 2023, and includes information up to June 2024 for certain achievements based on the relevance and importance of the data. Additionally, for quantitative achievements that require continuous trend analysis, data from the previous three years, from 2021 to 2023, are presented.

Reporting Scope

This report encompasses the ESG management activities and progress at our domestic campuses (Asan, Cheonan, and Giheung) as well as our overseas subsidiaries (SDT in Tianjin, China, SDD in Dōngguǎn, China, SDV in Bắc Ninh, Vietnam, and SDN in Noida, India). The ESG data in this report includes both consolidated subsidiaries (SUM - SU Materials Co., Ltd, eMagin) and associated companies (SCG - Samsung Corning Advanced Glass, SFC - SFC Co., Ltd), in accordance with the financial control approach. During the reporting period, eMagin was incorporated as a subsidiary in October 2023. Our subsidiary in Slovakia (SDSK) and our holding company in the United States (SDAH) are excluded from this report due to their lesser significance. When comparing the GHG emissions (Scope 1 and 2) of the SVIC New Technology Investment Funds (No. 29, 37, 40, 48, and 55) to those of Samsung Display, we determined that they are not considered significant, and therefore, they are excluded from the scope of calculation.

Global Initiative Membership Status



Reporting Standards

This report has been prepared in accordance with the Global Reporting Initiative (GRI) Standards 2021, a global reporting guideline for sustainable management reporting. The seven material issues identified through the double materiality assessment are structured based on the 'IFRS S1 General Requirements for Disclosure of Sustainability-related Financial Information' and 'IFRS S2 Climate-related Disclosures' issued by the International Sustainability Standards Board (ISSB). ESG-related information incorporates the industry standards from the Sustainability Accounting Standards Board (SASB) and the disclosure recommendations of the Task Force on Climate-related Financial Disclosures (TCFD). Additionally, it includes activities aimed at achieving the UN Sustainable Development Goals (SDGs). Financial information within the report is presented on a consolidated basis, following the standards and definitions of K-IFRS (the Korean version of International Financial Reporting Standards).

Reporting Assurance

This report has been verified by an independent external verification firm, Korean Standards Association, to ensure the reliability, fairness, and consistency of the report content. The verification process was conducted in accordance with the international verification standard, ISAE 3000. Detailed verification opinions are included in the third-party assurance statement in the Appendix.

Further Details

This report is available for viewing or downloading in both Korean and English on the Samsung Display website and newsroom. For inquiries regarding this report, please contact us using the contact information provided below.



Official website
www.samsungdisplay.com



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Corporate Sustainability Governance Office,
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CEO Message

In its commitment to sustainable management anchored in environmental conservation and social development, Samsung Display endeavors to strengthen transparent and responsible corporate practices, thereby fostering mutual trust with stakeholders.

Dear Respected Stakeholders, we extend our deepest gratitude for your unwavering interest and support towards Samsung Display.

In 2023, Samsung Display marked its 12th anniversary since inception. Despite persistent global challenges such as economic slowdowns and geopolitical uncertainties, we have persevered and excelled, positioning ourselves as a global company committed to enduring success over the next 50 to 100 years. Furthermore, leveraging our distinctive technological capabilities and strengthened business competitiveness, we are actively striving for sustainability across our entire supply chain, extending beyond our core operations.

In our commitment to achieving carbon neutrality by 2050 and expanding the circular economy ecosystem, Samsung Display will continue to make sustained efforts.

The year 2023 marked our first step towards implementing our strategies for full-fledged environmental management. In 2022, we joined the 'RE100' initiative for the first time in the industry and signed Power Purchase Agreements (PPAs) on our domestic campuses. We also installed facilities with a capacity of 0.9MW for solar power generation at our new office building, which is a clear demonstration of our commitment to transitioning to renewable energy. Furthermore, our voluntary energy reduction activities, based on the Korea Energy Efficiency Partnership 30 (KEEP30) agreement we signed with the government, culminated in an approximate 31% reduction in GHG emissions in 2023 compared to the levels in 2021.

Our dedication to stimulating the ecosystem for a circular economy that upcycles and reuses waste from manufacturing processes has been recognized by the Ministry of Environment. This recognition has enabled us to achieve circular resource certifications for one type in 2023 and six types in 2024, including waste glass, waste paper from stainless steel strips, and waste release films. In the years to come, we will remain committed to intensifying our efforts for waste reduction and recycling.

Samsung Display is dedicated to fulfilling our social responsibilities, which encompass respecting human rights, making social contributions, and fostering shared growth with our partners.

We ensure that all stakeholders, including employees, are respected in terms of their human rights across every corner of our business operations. As part of our commitment to upholding human rights management, we conduct RBA-based due diligence on human rights on a regular basis. Moreover, we actively engage in various social contribution initiatives such as providing complimentary services for the visually impaired, establishing Nanum kiosks, and running the Samsung Software Academy For Youth. These efforts aim to foster co-prosperity and enhance communication with local communities. Additionally, we implement diverse shared growth programs for our partners, striving for robust win-win management and sustainable shared growth. This commitment has led us to achieve the highest rating for six consecutive years in the Win-Win Index and earned us recognition as the Best Honorary Company. Guided by our vision of 'Connecting people and the world through cutting-edge display technology,' we remain dedicated to making a positive impact and contributing further to society.

In 2024, Samsung Display is committed to upholding and expanding ESG management across our entire value chain, extending beyond our supply chain.

Amid extensive developments in domestic and international ESG regulations, ESG management has become increasingly significant and influential for corporations. Beyond the traditional risks related to reputation and finances, an increasing interplay with compliance risks underscores the importance of ESG management as a crucial element for sustainable growth. In light of these developments, we integrate ESG objectives into our organizational activities, effectively managing and evaluating performance. This integration ensures that ESG management is embedded into our daily operations and decision-making processes. Furthermore, in response to heightened global regulations concerning environmental, safety, and human rights issues within supply chains, we take a proactive approach to assess and enhance the ESG management capabilities of our suppliers. We support third-party verification processes to strengthen our supply chain's sustainability and enable us to proactively meet regulatory requirements.



Samsung Display is at the forefront as a global company unleashing limitless potential, striving towards a better future and sustainable growth. We recognize the responsibility that comes with your expectations and aim to distinguish ourselves as leaders in promoting sustainable values.

We appreciate your ongoing support and encouragement as we advance into the future.

Thank you.

President & CEO Choi Joo-sun 

Company Overview

Company Profile

Company Profile

Samsung Display turns visionary concepts into reality through continuous technological innovation, leveraging its unmatched expertise in the OLED display field to deliver premium products for TVs, monitors, smartphones, tablets, laptops, and wearables, ensuring seamless experiences across diverse devices. We pioneered the mass production of flexible OLED and foldable displays and, in 2023, we expanded our commitment to future AR/VR markets by acquiring eMagin, a U.S.-listed company renowned for its micro OLED technology. Following the QD-OLED, we are embarking on new challenges to secure next-generation technologies in 8.6G IT OLED, Auto, and XR, aiming to lead the large-scale display market and foster industrial growth.

We offer total solutions with lifelike picture quality that faithfully replicates natural colors, alongside cutting-edge technologies enabling thinner and lighter displays. Through groundbreaking advancements in super-gap technology, we continually innovate to deliver enhanced value to our customers. Our dedication extends to improving lives sustainably with innovative display technologies that transcend expectations, connecting people and the world through displays.

Company Overview

Company Name	Samsung Display Co., Ltd.
Establishment	April 1, 2012
CEO	Joo-Sun Choi
Headquarters	Samsung Display, Giheung Campus, Samsung-ro 1, Giheung-gu, Yongin-si, Gyeonggi-do
Business area	Display Panels
Website	https://www.samsungdisplay.com/kor/index.jsp
Total employees	58,723 (as of the end of December 2023)

2023 Key Management Performances

(As of December 2023, on a consolidated basis)

Sales

KRW 31 trillion

Total Assets

KRW 71.1 trillion

Product Manufacturing * Separate basis

KRW 9.3 trillion

Product Sales * Separate basis

KRW 27.1 trillion

Operating Profit

KRW 5.5 trillion

Investment in Major Facility Setup and Expansion * Separate basis

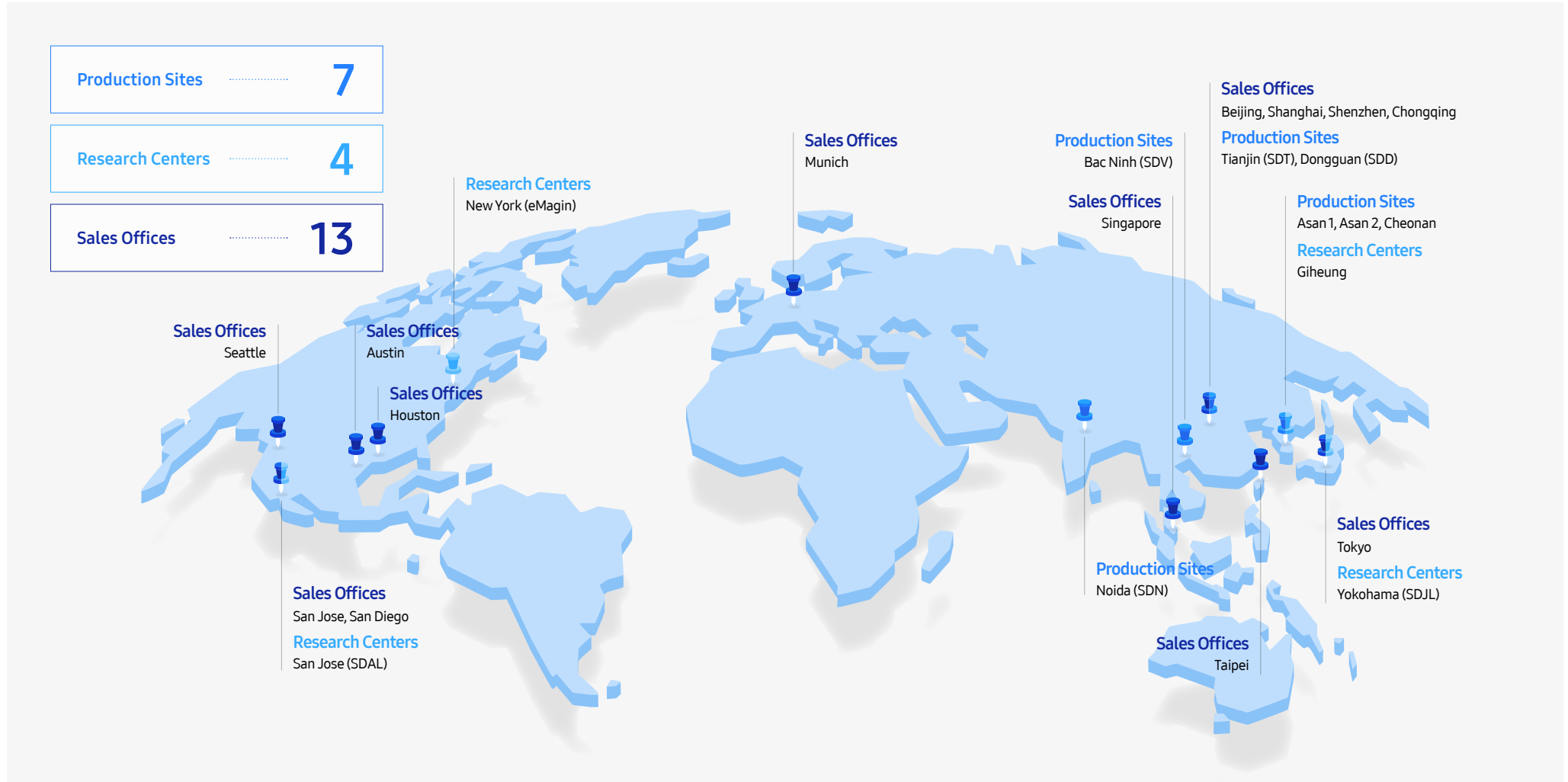
KRW 1.9 trillion



Company Overview

Global Network

As of the end of 2023, Samsung Display operates its business through an extensive network that includes seven production sites, four research centers and thirteen sales offices.

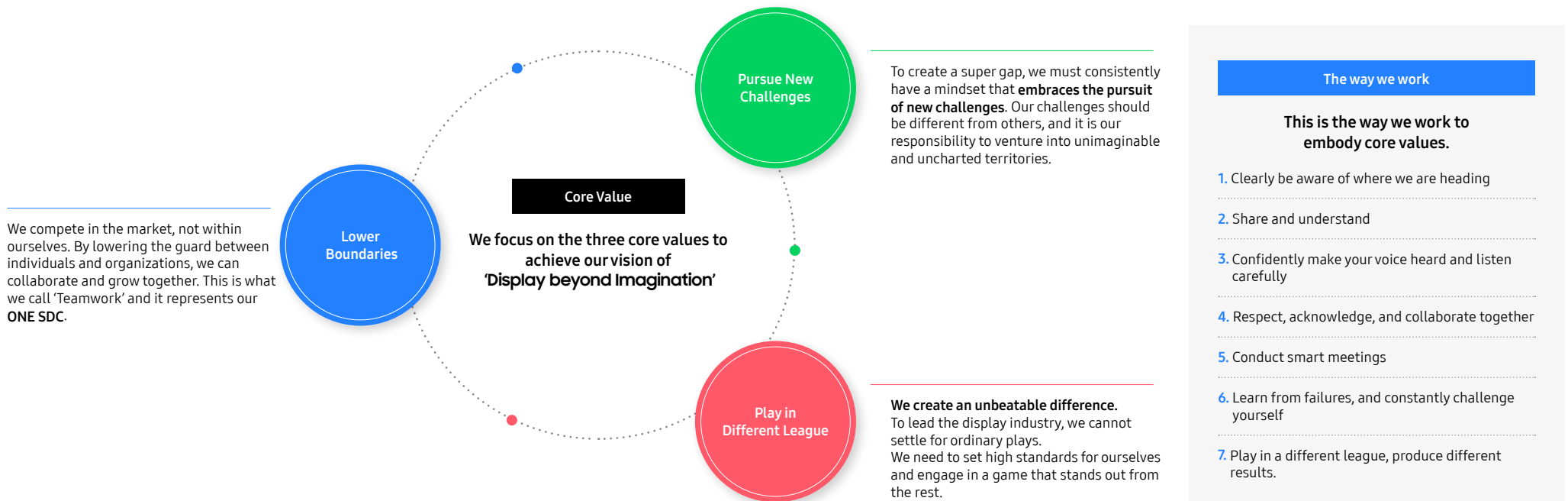


Company Overview

Our Mission and Our Vision

Management Vision

Samsung Display has established the 'SDC Culture' with the goal of fostering a dynamic and evolving environment where we collectively create and uphold our own value system. Comprising three core values and seven ways to work selected through interviews and workshops at all levels, with key themes identified through an in-house employee survey, the 'SDC Culture' is dedicated to discovering and implementing best practices throughout the organization to enhance our organizational culture and work environment.



Our Mission (Purpose of Existence)

SAMSUNG DISPLAY To create displays that are second-to-none and that enrich the connection between people and technology

Our Vision (Objectives to be achieved)

Display beyond Imagination™ We create displays beyond imagination

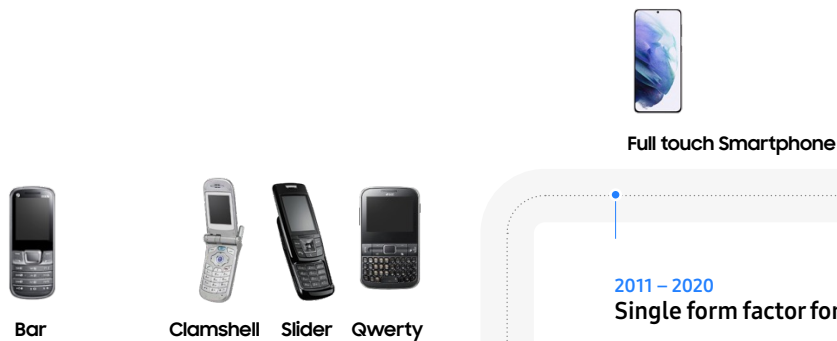
SDC's Key Products and Sustainable Footprint of Our Business

Our History

Sustainability in Our Products and Business

Mobile

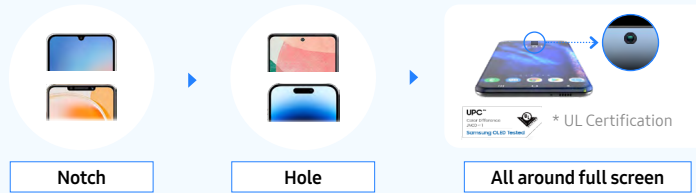
Samsung Display caters to consumer needs for design and quality by offering a wide range of displays, from the standard bar type to innovative forms like flip, fold, slidable, and flex hybrid. These cutting-edge technologies and ideas enable us to lead the global small-to-medium display market.



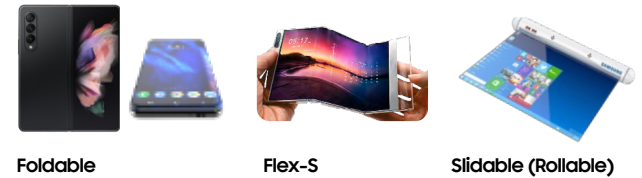
Full touch Smartphone

2011 - 2020 Single form factor for the last decade

We seek constant innovation in design. We are developing and applying technologies like Zero Bezel¹⁾, 4-side Bent²⁾, and UPC³⁾ to maximize screen usage. In terms of performance, we have achieved the 'Seamless Display' certification, leading the industry in 'Image Attraction Level' and 'Video Response Time.' By pioneering the next generation of display technology, we are keeping pace with the new era.



- 1) Zero Bezel: A technology that minimizes the non-emissive area of the display, enlarging the screen size and differentiating product design.
- 2) 4-side Bent: A design that features curves on all four sides, enhancing screen immersion and grip.
- 3) UPC (Under Panel Camera): A technology that places the camera beneath the display.



Foldable

Flex-S

Slidable (Rollable)

From 2020 Re-diversification

We are proactively investing in the development of foldable displays, transitioning away from traditional bar-type displays. Alongside our current offerings of book-type and flip displays, we are preparing in & out and slidable panels that fold inward and outward. Moreover, to bring these products to fruition, we are vigorously researching technologies like ECO⁴⁾ OLED and UTG⁵⁾ to reduce power consumption while ensuring thinness and better durability. Looking ahead, we remain committed to exploring ways to enhance consumer value in line with their preferences.



- 4) ECO: A term combining Efficient Power Consumption and Eco-Friendly Components, focusing on reducing plastic usage by eliminating polarizers and achieving low power consumption through enhanced optical efficiency.
- 5) UTG: Ultra Thin Glass

SDC's Key Products and Sustainable Footprint of Our Business

Sustainability in Our Products and Business

IT, Automotive, VR/AR, Wearable

By developing innovative display technologies that lead the IT, automotive, and XR eras, Samsung Display is pursuing the company's infinite scalability and business sustainability.

Conventional

New Technology

IT (Laptop & Tablet)



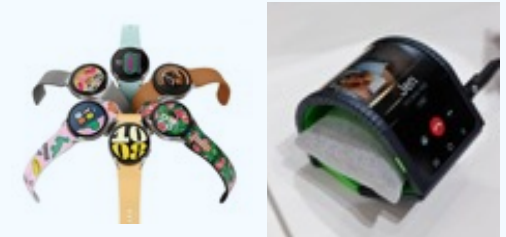
Automotive



VR/AR



Wearable



We are continuously exploring and developing displays for not only mobile devices but also laptops and tablets. Capitalizing on OLED's inherent high-definition and slim, lightweight characteristics, we are propelling market expansion starting with the high-end segment. Through collaborations with Ecosystem partners, we are establishing an OLED infrastructure. Furthermore, we are persistently developing various form factors such as foldable and slidable displays to meet the ever-evolving needs of our customers.

With the automotive market standing at roughly 90 million units, the role of auto displays has become more crucial, causing needs to diversify. OLED displays, which come in various forms, have been adopted by premium vehicles. Our distinctive OLED technological capabilities have helped us to establish a customer base for auto displays among automakers both domestically and internationally. In September 2023, at the IAA Mobility exhibition in Munich, one of the world's top three auto shows, we unveiled our round display. In collaboration with BMW MINI, we demonstrated our technological prowess in automotive displays by presenting a cylindrical display tower, called the 'Incubator', featuring ten round OLED panels.

In 2023, we acquired eMagin and initiated the development of RGB (red, green, blue) OLEDoS. This technology involves individually depositing red, green, and blue OLEDs on a silicon wafer, enabling color representation without an additional light source. This results in ultra-high-definition displays with pixel sizes reduced to tens of micrometers (μm). This technological advancement serves as a stepping stone for us as we prepare to make inroads into the emerging extended reality (XR) market, which encompasses virtual reality (VR) and augmented reality (AR).

The Galaxy Watch is a wearable product that combines traditional timekeeping with advanced smart features. Launched in 2023, the Galaxy Watch 6 reduced bezel size and expanded the display area by approximately 20% compared to its predecessor, enhancing user access to information. It supports high resolution and a maximum brightness of 2,000 nits, improving visibility in outdoor settings. At MWC 2024 in February 2024, we unveiled the OLED Cling Band, which can be worn on your wrist or unfolded like a smartphone, utilizing the flexibility of its panels. This innovative product can be worn around the wrist or unfolded for use like a conventional smartphone. We remain committed to developing the most suitable displays for wearable products.

SDC's Key Products and Sustainable Footprint of Our Business

Sustainability in Our Products and Business

TV/Monitor(QD-OLED)

Samsung Display has achieved colors that closely match what the human eye perceives by incorporating Quantum Dot technology. This innovation was followed by the launch of 55/65-inch 4K TVs, a 34-inch QHD+ monitor, and QD-OLED products in 2022, a first-of-its-kind milestone. Currently, we are in the process of expanding the product lineup.

2022

2023

2024



Monitor

34"Q+



49"DQ



31.5"4K



27"Q360Hz



	34 inches	49 inches	31.5 inches	27 inches
Size				
Resolutions	QHD+ (3440 px X 1440 px)	DQHD (5120 px X 1440 px)	UHD (3840 px X 2160 px)	QHD (2560 px X 1440 px)
Pixel densities	110ppi	110ppi	140ppi	110ppi
Refresh rates (driving frequencies)	175Hz	240Hz	240Hz	360Hz

The QD-OLED monitor lineup has expanded significantly over the years. In 2022, we introduced the 34-inch QHD+ Wide (21:9 aspect ratio) and expanded further in 2023 with the addition of the 49-inch DQHD (32:9 aspect ratio), offering a wider screen format. Moving into 2024, we launched two new products: the 31.5-inch UHD (16:9 aspect ratio) and the 27-inch QHD monitors. These releases are designed to meet the demands of the gaming market, delivering precise image quality and rapid screen response. Of particular significance, the 31.5-inch UHD model showcases our achievement in commercializing advanced micro-processing technology, allowing for greater pixel density within the same screen area.



TV

55"



65"



77"



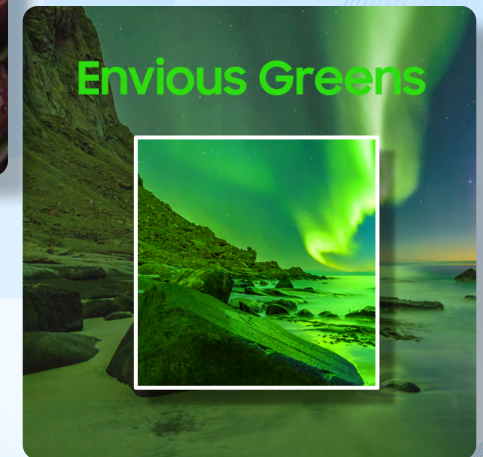
	55/65 inches	55/65/77 inches	55/65/77 inches
Size			
Resolutions	UHD (3840 px X 2160 px)	UHD (3840 px X 2160 px)	UHD (3840 px X 2160 px)
Luminance (Peak / full white)	1500nit/200nit	2000nit/250nit	3000nit/300nit

After launching the 55/65-inch 4K QD-OLED TV in 2022, we expanded further in 2023 with the introduction of 77-inch 4K models. Following the successful release of products capable of displaying bright images at Peak 2000 nits in 2023, we demonstrated our technological advancement in 2024 by enhancing brightness by 50%, introducing Peak 3000 nits products. This enhancement enables users to enjoy more lifelike image quality in any environment.

SDC's Key Products and Sustainable Footprint of Our Business

QD-OLED

Self-emitting Quantum Dot technology enables precise and extensive color reproduction at different levels of light and shade. It is utilized in next-generation large displays due to its efficient light utilization and simplified structure.



What is Quantum Dot Technology?

Self-emitting Quantum Dot technology enables precise and extensive color reproduction at different levels of light and shade. It is utilized in next-generation large displays due to its efficient light utilization and simplified structure.

Structure and Principle of QD-OLED

QD-OLED, a self-emitting display, consists of several layers including a Thin Film Transistor (TFT) layer for controlling the light emission, a light-emitting source, and a Quantum Dot (QD) emission layer that uses the light emitted by the source to produce colors. Our QD technology employs a front-emission method, efficiently utilizing light. This results in a simpler and more efficient design compared to LCDs that require a backlight, enabling the production of thin and lightweight displays.

SDC's Key Products and Sustainable Footprint of Our Business

Highlighting Samsung Display's Products at Exhibitions

HIGHLIGHT

Participation in 'K-Display 2023', 'SID 2023', 'CES 2024' and 'MWC 2024'

Samsung Display continuously participates in various exhibitions to help both internal and external stakeholders understand the sustainability inherent in its products and technologies.

At **K-Display 2023**, the largest display exhibition in Korea, we showcased Flex OLED, IT OLED, automotive OLED, eco-friendly technology, and QD-OLED under the theme of 'Big Step on the Journey to a Sustainable Future Life.' This allowed attendees to directly experience the excellence of our innovative OLED technologies.



Automotive OLED product line exhibited at CES 2024

In January 2024, we exhibited our diverse range of products incorporating cutting-edge technology under the theme of 'All-in Innovative Tech: Paving the New Journey' at the world's largest household electronics and IT exhibition, **CES 2024**, held in Las Vegas, USA. We garnered significant attention by introducing a variety of OLED products that lead mobile form factor innovation and presenting our QD-OLED lineup with exceptional picture quality.

In February 2024, at **MWC 2024**, the world's largest information and communications exhibition, we participated under the theme of 'OLED Vibes,' unveiling a future-oriented and trendy lifestyle driven by OLED technology.

At the world's largest display conference, the **Society for Information Display (SID)** 'Display Week,' in 2023, we received the 'Display of the Year' award for our QD-OLED product, which can reproduce consistent colors similar to reality through our Quantum Dot structure.



OLED Cling Band featured at MWC 2024



Rollable Flex™ presented at MWC 2024



Exhibition booth at SID 2023

Our Approach to Sustainability



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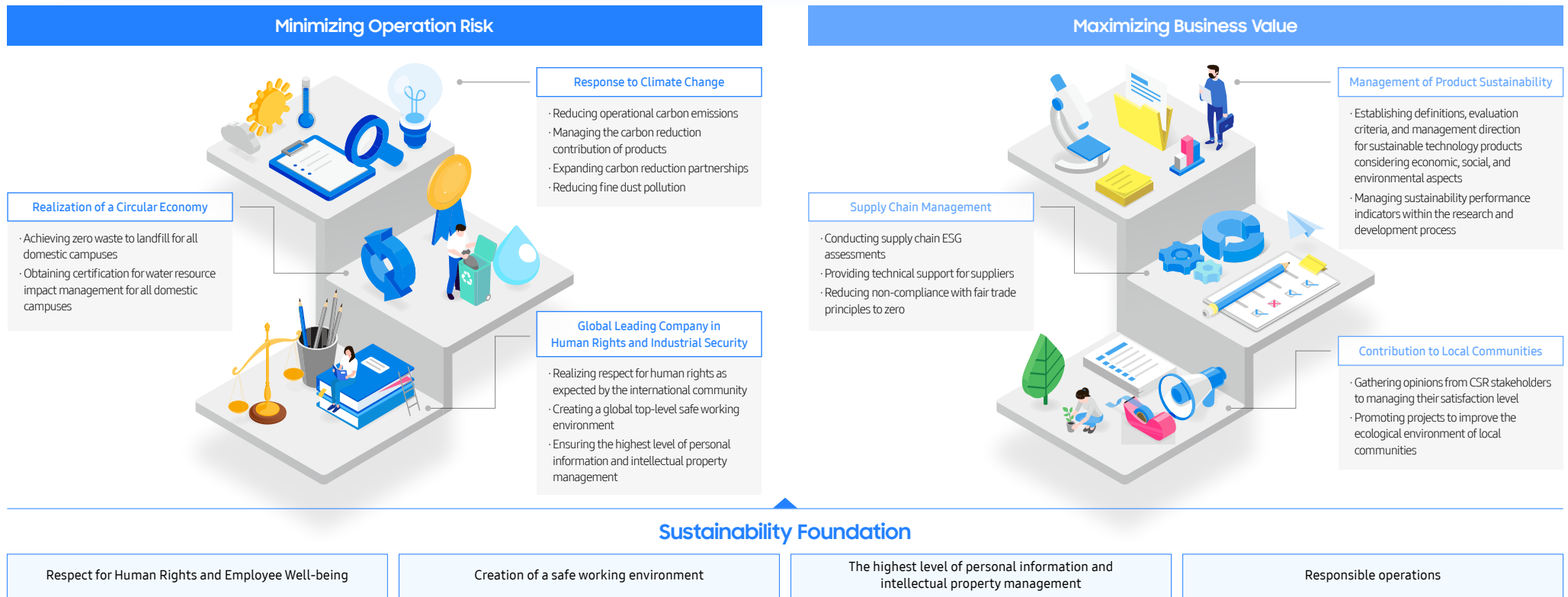
Strategy and Governance Framework for Sustainable Management

Strategy for Sustainable Management

2025 Sustainable Value

As a company trusted by customers and society, and as a global company contributing to human development and happiness, Samsung Display is committed to creating ESG (Environmental, Social, and Governance) values. To propel forward as a leader in the display industry under the vision of 'Display Beyond Imagination,' we have established the '2025 Sustainable Value' as our mid-to-long-term strategy. This initiative encompasses systematic implementation across five key areas, each with defined mid-to-long-term goals and objectives. Through a comprehensive company-wide sustainability management strategy, '2025 Sustainable Value' aims to fulfill our corporate social responsibility, taking into account diverse stakeholders including customers, employees, suppliers, and local communities.

Display Beyond Imagination



Strategy and Governance Framework for Sustainable Management

Governance Framework for Sustainable Management

Organizational Framework and Roles in Sustainable Management

At Samsung Display, sustainable management activities are overseen by the ESG Management Council. Chaired by the CEO, this council includes inside directors and key experts from various fields who discuss important issues related to sustainable management, make decisions aligned with the company's policies and strategies, and monitor implementation performance.

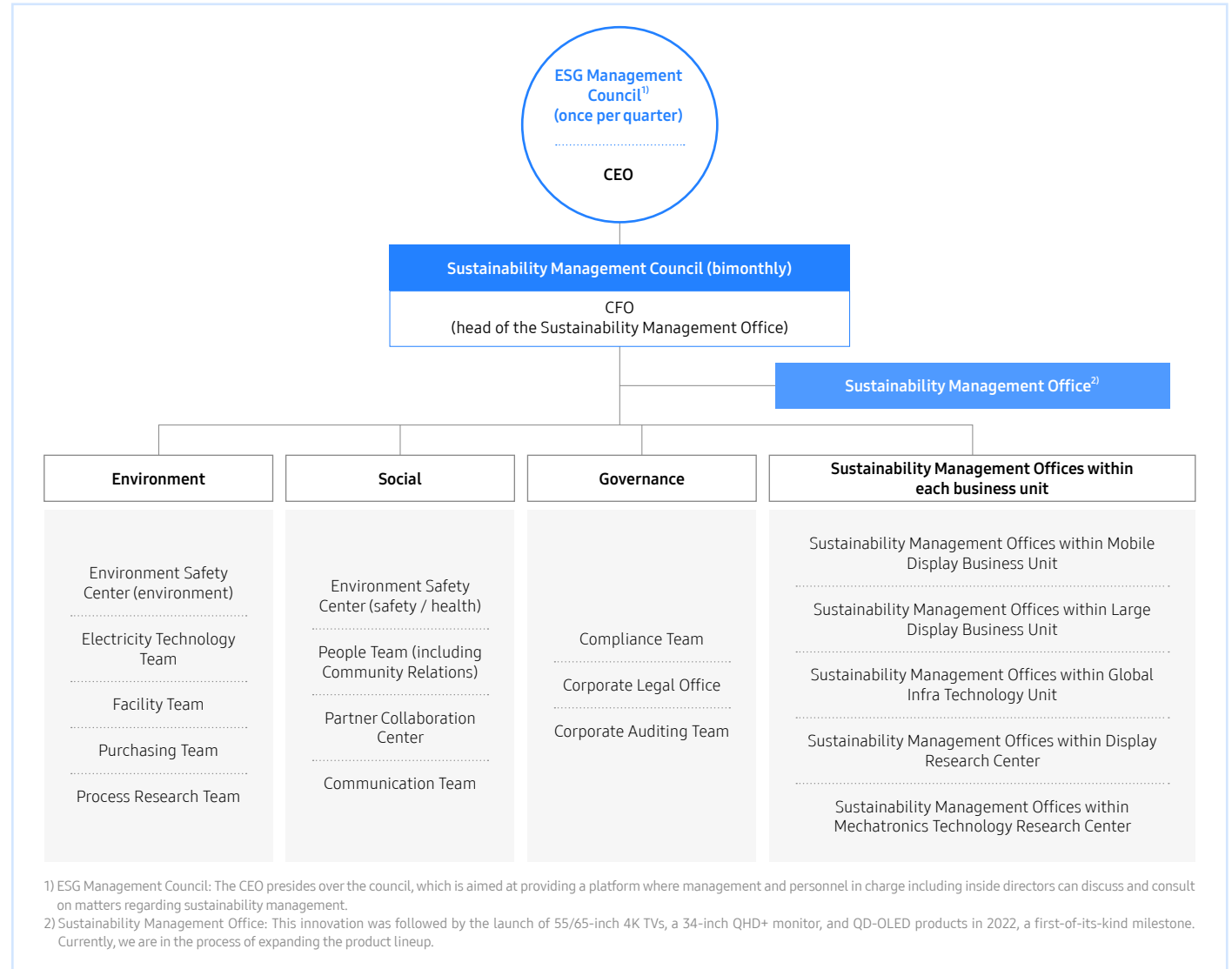
The Sustainability Management Council, led by the CFO who also serves as the head of the Sustainability Management Office, focuses on practical aspects of ESG strategy formulation, issue resolution, and progress monitoring across departments. Significant matters and agreed-upon content are reported to the ESG Management Council for further decision-making if necessary.

The Sustainability Management Office, which functions as the control tower for sustainable management, fosters collaboration with dedicated departments. The office establishes comprehensive sustainability strategies, monitors performance, engages in external cooperation, and manages communication.

Each business unit has dedicated departments that support the execution of sustainability strategies, aligning with the unique characteristics of their operations. They identify relevant issues and concerns of stakeholders, develop corresponding tasks, and ensure their implementation.

Since 2021, we have incorporated sustainability-related criteria such as GHG reduction, transition to renewable energy, development of energy-efficient products, and compliance into the performance evaluation system for both the organization and executives. Linked to executive compensation and organizational performance evaluation, these criteria ensure that sustainable management is integrated across all business operations.

Organizational Framework for Sustainable Management



Creation of Integrated Value for Sustainable Management

Methodology to Measure Creation of Integrated Value for Sustainable Management

Samsung Display annually assesses the level of value creation through its sustainable management efforts, considering these results comprehensively to guide the company's future development direction. The value creation level is measured and analyzed from financial, socioeconomic, and environmental perspectives using the 'KPMG True Value' methodology, which converts the social ripple effects of sustainability management performance into monetary value for integrated analysis. The monetization of sustainable management performance applies values that are most suitable for our business characteristics and operating environment, based on multiple research materials on social pricing published by reputable global institutions. We will continuously update the latest global trends in value measurement research and refine our own data to enhance the reliability of the measurement results for integrated value creation.

Value Assessment Approach

Category	Finance	Socioeconomic					Environment				
Type	Base	Benefit					Cost				
Indicators	Business revenue	Corporate tax	Creditor repayment	Employee welfare improvement	Support for suppliers	Investment in local community development	GHG emissions	Air environmental impact	Water resources environmental impact	Waste environmental impact	
Assessment Approach ¹⁾	Consolidated net profit for the current year	Consolidated corporate tax for the current year	Amount of interest paid to creditors	Wages and benefits paid to employees	Investment amount by domestic supplier support program	Expenses incurred for both domestic and international donations and social contribution projects	Application of ROI (118%) ²⁾ for business investment expenses for domestic educational and social contribution projects (Samsung Software Academy For Youth)	Calculation of social costs associated with both domestic and international GHG emissions (CO ₂ , CH ₄ , etc.) ³⁾⁴⁾	Calculation of social costs associated with both domestic and international emissions of major air pollutants (NO _x , SO _x , particulate matter, NH ₃) ⁴⁾	Measurement of social costs based on water resource sensitivity level ⁵⁾ and water usage in the locations of both domestic and overseas campuses ⁶⁾	Measurement of social costs associated with both domestic and international waste disposal (landfill, incineration, recycling) ⁷⁾

1) Applying the exchange rate of KRW 1,426.59 per USD and KRW 1,289.4 per EUR as of December 31, 2023.

2) G.Psacharopoulos and H.A. Patrinos, Returns to investment in education: a further update(2004) 3) EPA, Technical Support Document: Social Cost of Carbon, Methane, and Nitrous Oxide Interim Estimates under Executive Order 13990(2021)

4) CE Delft, Environmental Prices Handbook, EU28 Version (2018)

5) World Resources Institute (WRI), Aqueduct Water Risk Atlas (2023)

6) S&P Global TruCost PLC, Natural capital at risk: the top 100 externalities of business (2013)

7) A. Rabl, J.V. Spadaro and A. Zoughaib, Environmental Impacts and costs of solid waste: a comparison of landfill and incineration (Result of European Commission, ExternE (External Cost of Energy) project) (2008)

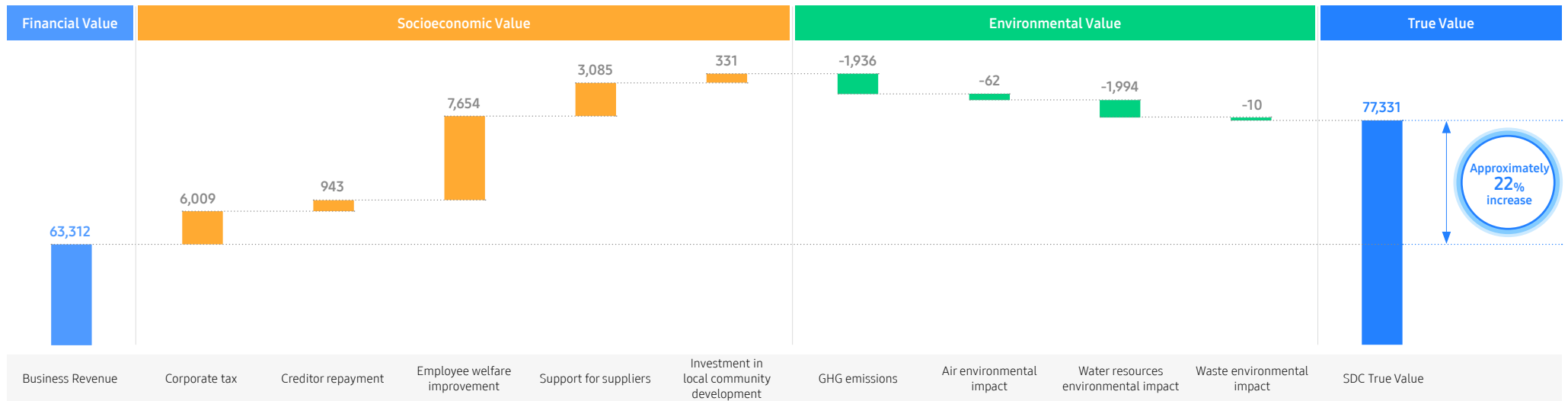
Creation of Integrated Value for Sustainable Management

Integrated Value Created by Samsung Display in 2023

The sustainable management value created by Samsung Display over the course of one year from January 1 to December 31, 2023, is approximately KRW 7.7331 trillion. This represents an approximately 22% increase compared to business revenue.

SDC True Value in 2023

(Unit: KRW 100 million)



Financial Value

In 2023, the consolidated net profit amounted to KRW 6.3312 trillion which experienced a slight decrease compared to the previous year due to weakened consumer sentiment amid global economic downturn concerns. However, our strategic focuses on premium-grade OLEDs in the resilient high-end smartphone market, led to outstanding performance.

Socioeconomic Value

In 2023, we generated approximately KRW 1.8042 trillion in socio-economic benefits. We regularly conduct RBA-based human rights assessments to uphold human rights management. Moreover, we engage in various social contribution initiatives such as providing complimentary services for the visually impaired, establishing Nanum kiosks, and running the Samsung Software Academy For Youth. Additionally, we implement diverse shared growth programs for our partners, striving for robust win-win management and sustainable shared growth. This commitment has led us to achieve the highest rating for six consecutive years in the Win-Win Growth Index Evaluation.

Environmental Value

In 2023, we incurred approximately KRW 400.3 billion in environmental costs. We are committed to achieving our carbon neutrality goal by 2050 through enhanced GHG treatment efficiency and optimized root management of process gases and energy sources. In our efforts to reduce water withdrawal, we continually improve recycling rates and overcome technological limitations. Furthermore, during the recycling process, we ensure seamless management, such as treating the increasing volume of concentrated wastewater due to a higher reuse rate, in accordance with internal standards that surpass legal requirements, thereby contributing to the enhancement of the environment in surrounding areas.

2023 Sustainability Highlight

Key Performance by Area



Environmental

GHG Emissions Trends

about a **31%** decrease compared to 2021



N₂O Treatment Efficiency Improvement

Reducing **37,000 tCO₂e** in GHG with the conversion of 32 treatment facilities



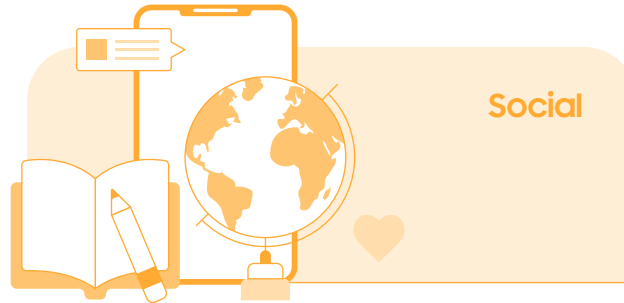
Water Recycling Rate

80%
(based on individual facility - Asan 1 Campus)



Circular Resource Certifications

10 cases in 8 types waste recycling resources
(cumulative by 2024, valid for 3 years under the Ministry of Environment assessment)



Social

Process Safety Management level assessment

Maintaining the highest, **P-grade**



Win-Win Growth Index Evaluation

Achieving the highest rating for **six consecutive** years



Percentage of Environmental Management System Certification Acquisition within Supply Chain

95.6%



Enhanced Product Quality System

Establishing **QMS 2.0**
(integrated quality management system platform)



Governance

SDC Corporate Security Index (internal standard)

99.2 points



No. of Personal Data Breaches and Regulatory Violations

0 case



Employee Misconduct Prevention Training Completion Rate

100%



Enhanced Compliance Management System


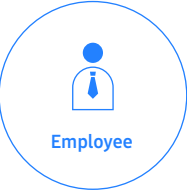


Launching **mCPMS**
(mobile CP management system)






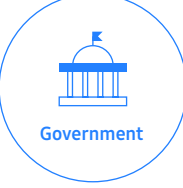

Stakeholder Engagement and Communication

Stakeholder Identification and Communication Channels

Samsung Display defines its key stakeholders as customers, employees, suppliers, local communities, NGOs, CSR associations, specialized institutions, government, and the media. We operate various communication channels to actively engage stakeholders. In addition to disclosures on our official website, council operations, and surveys, we promote communication through various social media platforms. We strive to foster consensus and build collaborative relationships to address sustainable management issues, incorporating their voices into our overall management.

Stakeholder	Main concerns	Communication channels	Activities
 <p>Customer</p>	<ul style="list-style-type: none"> Improvement of product quality and performance Prevention of leakage of customer information Sustainable products Corporate social & environmental responsibility Seamless communication 	<ul style="list-style-type: none"> Samsung Display Official Website Samsung Display Newsroom Website Samsung Display YouTube Channel Samsung Display Facebook Samsung Display Instagram Samsung Display LinkedIn PR Hall 'D: GARDEN' Samsung Display OLED ERA Periodic Customer Satisfaction Index (CSI) Periodic Quality Technical Review (QTR) 	<ul style="list-style-type: none"> Providing product information, and enhancing company value through Samsung Display's OLED ERA, official website and newsroom Ongoing operation of a dedicated quality team for each customer, collaboration with related domestic and international departments Operating quality defect analysis sites in major overseas bases Develop sustainable products Implementing the quality management system throughout the entire process Reinforcing industrial security
 <p>Employee</p>	<ul style="list-style-type: none"> Guarantee of basic rights and employment stability in the workplace Expansion of diversity and inclusion Equal opportunity and fair performance evaluation Opportunities for growth and personal development Safe and pleasant work environment Differentiated welfare programs 	<ul style="list-style-type: none"> Intranet portal Employee job satisfaction survey: Samsung Culture Index (SCI) Organizational Culture Satisfaction Survey: Voices Change our Culture (VCC) Person in charge of human rights and organizational culture by department Complaint handling channel Labor-management council Say+ In-house broadcasting, ON DISPLAY Internal ethical management site Ethical management section within Samsung Display Official Website (reporting of misconduct, 'Shinmungo' (Whistleblower hotline)) 	<ul style="list-style-type: none"> Establishing human rights policy, implementing company-wide human rights training Operating Labor-management council regular communication and labor-management T/F Job / organizational satisfaction survey Appointing person in charge of human rights and organizational culture by department Operating 'Shinmungo' (Whistleblower hotline) and complaint handling box for each department Supporting the adaptation of foreign employees, creating a workplace friendly for employees with disabilities Implementing various health promotion programs and providing welfare benefits Operating maternity protection program Establishing a learning platform 'SDC Academia' Implementing job rotation system Career consulting support Management message, company news sharing Fostering a positive organizational culture by expanding employee communication Offering Employee Misconduct Prevention Training
 <p>Suppliers</p>	<ul style="list-style-type: none"> Fair trade and treatment Provision of collaboration opportunities Support for infrastructure and facility improvement Support for operating funds Support for strengthening sustainable management capabilities Management of supply chain sustainability 	<ul style="list-style-type: none"> Company-wide organization Partner Collaboration Center Council of partner companies Partner Voice platform Comprehensive evaluation of suppliers Ethical management section within Samsung Display Official Website (reporting of misconduct, 'Shinmungo' (Whistleblower hotline)) 	<ul style="list-style-type: none"> Introduction of and compliance with fair trade regulations Win-Win cooperation programs (Technology development support, Partner Collaboration Fund, Money-for-goods fund, incentives, training support, productivity innovation support) The Code of Conduct for suppliers Performing on-site due diligence and self-inspection in selecting new suppliers Eco-partner certification system Comprehensive evaluation of the primary suppliers Compliance check on labor and human rights conditions of overseas suppliers Conflict minerals management policy
 <p>Local Community</p>	<ul style="list-style-type: none"> Communication with local residents Revitalization of the local economy Improvement of regional infrastructure around campus for balanced regional development Stabilization of local ecological environment, minimization of pollution Education for future generations 	<ul style="list-style-type: none"> Briefing session by inviting local residents Communication Council Community Security Council, Community Welfare Center Steering Committee 	<ul style="list-style-type: none"> Facilitating communication and proactive response system Fostering co-prosperity with the local community and addressing their complaints by participating in the village foreman group / organization head meetings Implementing a civil complaints consultative body to resolve local civil complaints Operation of a Win-Win consultative body with local governments to revitalize the local economy Implementing a compensation system for local residents Managing the natural ecology of the campuses around green areas / water sources Serving as a regular member of local welfare facility / group council Gathering local welfare VOCs / sharing social contribution activities Employee participation in sharing and social contribution activities

Stakeholder Engagement and Communication

Stakeholder	Main concerns	Communication channels	Activities
 <p>NGO</p>	<ul style="list-style-type: none"> Environment and ecosystem conservation Expansion of renewable energy use The guarantee of industrial safety Objective of climate actions Implementation of climate actions Transparency in information disclosure Advocacy activities 	<ul style="list-style-type: none"> NGO meetings 	<ul style="list-style-type: none"> Setting climate response goals Taking energy efficiency measures Disclosing energy, power, and GHG emissions data Climate policy advocacy activities Formulating carbon neutrality governance Activities related to carbon and renewable energy within the company GHG reduction plans Promoting the use of renewable energy Managing work-related diseases Establishing accident prevention system Activities to protect the ecosystem near the campus Creating an ecological plant island around the campus
 <p>CSR Association</p>	<ul style="list-style-type: none"> Fulfillment of corporate environmental / social responsibilities Internalization of sustainability 	<ul style="list-style-type: none"> Samsung Display Newsroom Promotional content for incorporation of sustainability management Corporate publicity materials External press release Sustainability Management Office 	<ul style="list-style-type: none"> Implementing company-wide mid-to- long-term improvement tasks Joining and responding to the Responsible Business Alliance (RBA) Monthly meetings with Siloam Eye Hospital to discuss and coordinate the provision of complimentary services for the visually impaired, alongside biannual operations committee meetings
 <p>Specialized Institution</p>	<ul style="list-style-type: none"> Market share within the industry Future technology innovation R&D investment ratio Development of technical talent 	<ul style="list-style-type: none"> Korea Display Industry Association Korea Information Display Society 	<ul style="list-style-type: none"> Executive activity at the Korea Information Display Society
 <p>Government</p>	<ul style="list-style-type: none"> Anti-corruption and regulatory compliance Establishment of fair trade Creation of economic value Transparent tax payment and corporate information disclosure Disclosure of ESG information Partnerships with the private sector Localization of materials and strengthening of industrial competitiveness 	<ul style="list-style-type: none"> Compliance and ethics channel Internal compliance management system (CPMS, Compliance Program Management System) Internal mail, internal TV 	<ul style="list-style-type: none"> Operating company-wide compliance management system by area Posting Samsung Display Code of Conduct (in Korean / English / Chinese) Signing of the Compliance Pledge by all executives On / offline compliance training for employees Sending an annual CEO letter related to compliance Frequent updates of CPMS guidelines in line with internal and external trends Regular distribution of regulations / sanctions trends
 <p>Media</p>	<ul style="list-style-type: none"> Transparent and prompt disclosure of information Business and management performance and achievements Strategic products and next-generation technologies 	<ul style="list-style-type: none"> Press re-lease Samsung Display website Samsung Display Newsroom Social media (Face-book, YouTube, LinkedIn) 	<ul style="list-style-type: none"> Support for journalistic activities Content development and dissemination

Stakeholder Engagement and Communication

Enhancing Stakeholder Communication Leveraging Various Media and Content

HIGHLIGHT

Samsung Display utilizes various online communication channels, such as the official website, Newsroom, YouTube, Facebook, and Instagram, to actively deliver information about its key products and technologies, new content, and sustainable management performance to various stakeholders. Our official website offers services in multiple languages, enhancing understanding among global stakeholders about Samsung Display.

PR Hall 'D:GARDEN'

We operate a PR hall named 'D:GARDEN,' which serves as a rest area where stakeholders can visit and employees can communicate comfortably. At the entrance, a large media wall measuring 16m x 4m has been installed, offering visitors a sense of gratitude and joy.

YouTube Video Series

Through our official YouTube channel, we develop a variety of content related to Samsung Display to engage more stakeholders. In addition to information on our key products and technologies, we also provide engaging content on environmental conservation, corporate culture, and our sustainability management achievements.



Display History

We prepared a place to facilitate easier access to display technology by presenting the concept, history, and evolution of displays.



Manufacturing Process

We provide easily understandable information about displays by introducing the four representative manufacturing processes of displays: BP (Backplane) - EV (Evaporation) & EN (Encapsulation) - CELL (Cell) - MODULE (Module), along with Samsung Display's cutting-edge technology, the Inkjet process.

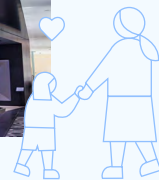


Innovative Future

We offer videos showcasing newly released products and technologies from Samsung Display, allowing visitors to explore the latest products in categories that interest them most.



PR Hall 'D:GARDEN'



Case File Detective

We deliver knowledge about displays and information on our OLED and QD-OLED technologies in an episodic format.



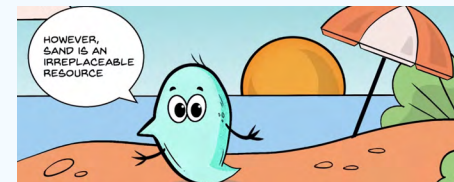
My Kid's Visit to Our Company

Employees' children participate in content that showcases their journey to visit their parents' workplace, providing information about the company's welfare and corporate culture.



Something You Don't know

We convey information on our sustainability achievements related to environmental management, emphasizing the importance of environmental conservation. This includes the recycling of glass fibers from waste glass, reducing plastic components, and water conservation activities.



CES / MWC / SID / IMID Exhibition

We provide information on Samsung Display's latest products and technologies unveiled at major exhibitions.



Stakeholder Engagement and Communication

Stakeholder Engagement at Exhibitions

HIGHLIGHT

Samsung Display consistently engages in diverse exhibitions to foster communication with both internal and external stakeholders, enhancing their understanding of the inherent sustainable values embedded in its products and technologies.

Is it the first time to see SDC's iconic roadshow vehicle?

Samsung Display has introduced a novel mobile exhibition space, the Concept Showcase Vehicle, which tours diverse regions and schools such as Seoul, Daejeon, and Busan. Its aim is to showcase the superiority of Samsung Display's cutting-edge technology. Moreover, during the 'Travelling SDC Roadshow' event at the Samsung Display campus, employees were able to preview the latest display technologies and new products, gaining firsthand experience of the company's advanced technological capabilities aimed at creating sustainable value.

Round displays and slidable displays were impressive with their distinctive forms! They showcased superior clarity and brightness compared to what I knew before, making me look forward to future products even more.



OO Min, a student from K University

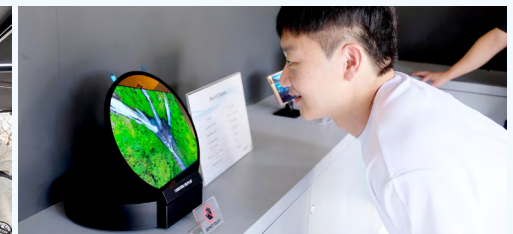
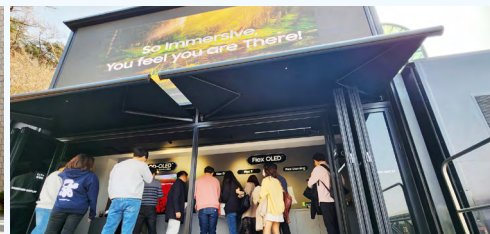


OO Ji, a student from K University

I was amazed by the vibrant image quality of the QD-OLED TV. The QD-OLED monitor, which offers an immersive gaming experience, is a product I personally want to own.



SDC's iconic roadshow vehicle

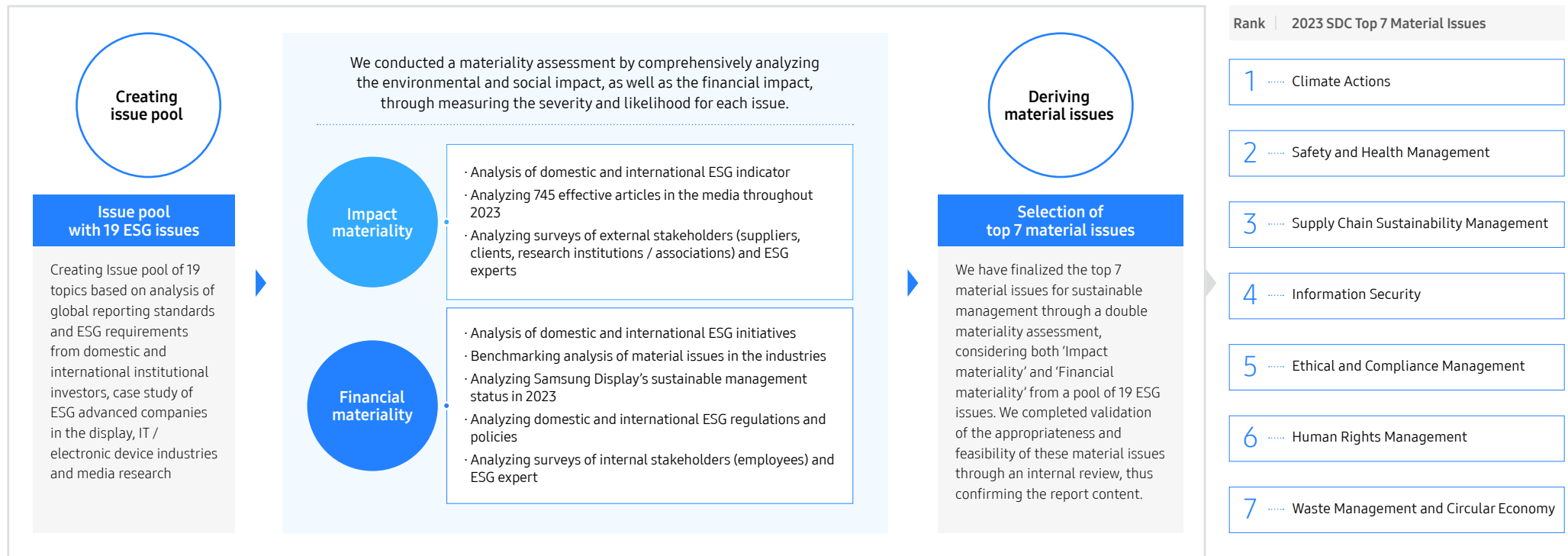


Double Materiality Assessment

Identifying Material Issues Through Double Materiality Assessment

For sustainable management, it is essential to strategically manage not only financial elements but also ESG (Environmental, Social, Governance) areas. This includes identifying and selecting ESG issues that could impact both the company's operations and stakeholders, and transparently communicating them. Samsung Display conducted a double materiality assessment to evaluate these issues, considering both the impact of corporate activities on society externally (Inside-out perspective) and how external environmental and social factors affect the company's financial health (Outside-in perspective). Our approach involved employing methods such as media research and stakeholder surveys, along with analyzing domestic and international ESG regulations, policies, and initiatives. This comprehensive process enables us to prioritize material issues that require immediate attention to advance sustainable management practices.

Double Materiality Assessment Process



The materiality assessment process has remained unchanged compared to the previous reporting period. Moving forward, we aim to revise the materiality assessment starting from the IRO identification stage to identify our key stakeholders and enhance the evaluation of impacts, risks, and opportunities. Additionally, we plan to refine the analysis of financial materiality through internal stakeholder workshops.

Double Materiality Assessment

Material Issues Management Approach

Samsung Display assesses the impacts of the identified top 7 material issues, actively engaging stakeholders to gather their opinions and objectively analyze risk and opportunity factors. Based on these assessments, we are specifying management objectives for these issues and systematically devising a management approach along with corresponding activities.

Material issue	Risk and opportunity management approach	Key activities and achievements	Reporting page
1. (-) Climate Actions	To combat the global climate crisis, major countries, including South Korea, have established national goals for achieving carbon neutrality. Consequently, the role of corporations in addressing climate change is gaining significant importance. There is a growing demand from stakeholders for us to reduce GHG emissions through innovative product development and enhanced energy efficiency, which has garnered increased interest. In response, we announced our environmental management strategy in 2022 along with plans to achieve carbon neutrality by 2050. We are actively participating in global efforts to tackle climate change by optimizing N ₂ O process gas treatment facilities and developing low-power, low-carbon products.	<ul style="list-style-type: none"> ESG management TF meetings to achieve carbon neutrality Operating treatment facilities to reduce F- gas 	p.28-35
2. (▲1) Safety and Health Management	Serious accidents could result in significant talent loss, reputational damage, fines, imprisonment, and even business interruption. To proactively address these issues and prioritize a culture of safety and health, Samsung Display has established a dedicated Environment Safety Center. This center spearheads the development of a safety and health management system and implements safety, health, and environmental management policies. Additionally, we operate a structured training system in the areas of safety, health, disaster prevention, and environment, fostering a professional and proactive safety culture. We conduct regular evaluations to assess our safety culture level, thereby advancing our safety culture.	<ul style="list-style-type: none"> Implementing 4M (Man, Machine, Media, Management) safety management activities by accident risk factors Redefining risk assessment regulations Conducting emergency evacuation drills with employee participation 	p.54-63
3. (▲3) Supply Chain Sustainability Management	The absence of sustainability within the supply chain can negatively impact a company's financial value and competitiveness, both directly and indirectly. Consequently, ESG-related management status has become a crucial criterion in the selection process of new suppliers, with increasing importance placed on managing ESG risks among key suppliers. Therefore, our in-house experts conduct on-site inspections to select new suppliers. Additionally, we conduct annual comprehensive evaluations of primary suppliers and assess key overseas suppliers on labor and human rights based on RBA standards. Moreover, we have established a Supplier Code of Conduct covering labor and human rights, health and safety, and environmental protection, followed by a signed agreement to adhere to this Code of Conduct. This enables us to monitor potential risks and enhance awareness of sustainability across the entire supply chain.	<ul style="list-style-type: none"> Conducting ESG training for suppliers Performing environmental safety evaluations and consulting for suppliers Managing and supporting resident suppliers Implementing third-party verification of suppliers based on RBA standards Achieving the highest grade in the Win-Win Growth Index for six consecutive years 	p.64-71
4. (new) Information Security	The breach of information security and privacy protection can cause significant harm to all stakeholders, including customers. Given that such breaches can severely damage a company's reputation, the importance of these issues is increasingly highlighted as sustainable management becomes more emphasized. We have established an information security policy in line with the security control items required by ISO 27001, along with a privacy policy to ensure safe process and protect the personal information of various stakeholders. Besides physical security, we undertake activities to secure information and technological assets. To prevent information leakage incidents within suppliers, we provide security consulting and make various efforts to enhance their information protection capabilities.	<ul style="list-style-type: none"> Taking proactive response to emerging security threats Safeguarding new technologies Implementing privacy protection training Enhancing information security of suppliers 	p.97-103
5. (▼1) Ethical and Compliance Management	Ethical and compliance management not only impacts a company's financial performance through enhanced brand image and increased sales, but also positively influences broader business aspects such as boosting employee morale and fostering customer trust. Therefore, we prioritize ethical and compliance management as a core value in our daily operations. To ensure natural compliance among all employees, we have established ethical management guidelines and an employee Code of Conduct. Additionally, we conduct training on misconduct prevention and compliance for all employees to advance the ethical and compliance management system and foster its integration into our corporate culture.	<ul style="list-style-type: none"> Operating Compliance Program Management System (CPMS) Launching mCPMS Channels for reporting compliance and ethical management issues Promoting ethical management among suppliers 	p.104-111
6. (▲2) Human Rights Management	Human rights risks can lead to stakeholder criticism and adversely affect the company's reputation and standing, imposing constraints not only on business operations but also on sustainable management efforts. At Samsung Display, we uphold fundamental human rights principles, including those outlined in the UN Declaration of Human Rights and ILO conventions. We have implemented the SDC Global Labor Practice, aligned with the RBA Code of Conduct, to ensure respect for the human rights of all employees and stakeholders. This framework applies universally across our global business sites and extends to workers at partner companies. Additionally, we conduct regular human rights audits based on RBA standards to identify actual and potential human rights impacts. Through these audits, we provide guidance for improving identified issues and implement risk mitigation measures to enhance our human rights management efforts.	<ul style="list-style-type: none"> Conducting human rights education for all employees Operating communication channels and grievance handling mechanisms for internal human rights protection Conducting human rights audits based on RBA standards 	p.72-76
7. (▼2) Waste Management and Circular Economy	Global concerns regarding resource depletion and waste management have led to a heightened emphasis on increasing resource reuse and recycling rates, minimizing natural resource consumption, and transitioning to a circular economy as fundamental components of sustainable management. At Samsung Display, we are committed to advancing environmental protection and promoting resource circulation through efficient resource management in product manufacturing and campus operations. By 2030, we have set an ambitious target to achieve a 99.9% recycling rate for waste materials. Our initiatives include implementing waste separation programs on campuses and recycling waste fluids from manufacturing processes. Additionally, we are dedicated to fostering a circular economy by continually recycling waste materials such as PVC, etchants, release film, and glass.	<ul style="list-style-type: none"> Zero landfill waste initiative Recognizing waste glass as a circular resource, TMAH (Tetramethylammonium Hydroxide) recycling Recycling of waste PVC, release film, and etchants. 	p.36-40

* The information in the parentheses shows the shift in ranking compared to last year.

Our Sustainability Performance



Environment

Material Issue 1	Climate Actions	28
Material Issue 7	Waste Management and Circular Economy	36
	Reducing Environmental Impact	41
	Water management	46
	Biodiversity	49
	Sustainable Products	51

Social

Material Issue 2	Safety and Health Management	54
Material Issue 3	Supply Chain Sustainability Management	64
Material Issue 4	Human Rights Management	72
	Human Resources Development	77
	Work & Life Balance	80
	Impact on Local Communities	85
	Quality Management	91

Governance

Material Issue 5	Information Security	97
Material Issue 6	Ethical and Compliance Management	104
	Sound and Transparent Corporate Governance	112

Environment

28

Material Issue 1
Climate Actions

36

Material Issue 7
Waste Management and
Circular Economy

41

Reducing
Environmental Impact

46

Water management

49

Biodiversity

51

Sustainable
Products

Samsung Display is committed to minimizing its climate impact across all business activities, while also focusing on building organizational capabilities, managing risks, and investing in relevant facilities to address climate change. These efforts are aimed at transforming climate change into a strategic opportunity to enhance corporate competitiveness.

Governance

Governance Framework for Climate Actions

Decision-Making Bodies and Role of Management Leadership | At Samsung Display, the ESG Management Council assumes responsibility and oversight for environmental management (GHG, energy, water resources, waste, etc.) across all business sectors. We operate three councils to evaluate progress on climate change initiatives and facilitate decision-making. The CEO holds ultimate decision-making authority and accountability for ESG matters, convening quarterly meetings of the ESG Management Council, comprising senior executives and environmental experts from each sector. Decisions are informed by comprehensive assessments of environmental risks, opportunities, and impacts, guiding the establishment and monitoring of environmental management plans. The CFO is responsible for formulating ESG strategies, managing issues, executing investments, procuring capital, and overseeing disclosure and evaluation. The bi-monthly Sustainability Management Council meeting, convened by the CFO, focuses on formulating and monitoring climate change strategies, GHG / energy management, and reduction targets. Additionally, the monthly ESG Management TF meeting, led by the CSO, reviews progress on carbon neutrality initiatives in odd months, including managing GHG emission targets and reduction activities. In even months, the Task Force identifies, implements, and verifies tasks aimed at reducing environmental impacts such as improving air and water quality, waste reduction, and promoting resource efficiency. Furthermore, we integrate activities aimed at achieving ESG goals, such as GHG reduction and renewable energy adoption, into the executive performance evaluation (MBO), including the CEO and CFO, with a minimum allocation of 5%. Evaluation results are incorporated into compensation to incentivize effective implementation.

Role of the Dedicated Organization | The Sustainability Management Office, a working-level organization reporting directly to the CFO, is responsible for formulating climate change response strategies and overseeing key tasks for sustainable management. It presents major agendas to the Sustainability Management Council and incorporates feedback from the council into its operations. This office conducts materiality assessments of climate change-related risks and opportunities that could impact the company, establishing policies, targets, and detailed action plans to address significant climate risks. Additionally, it monitors the implementation progress of these targets and regularly reports to the CEO and CFO. In collaboration with relevant departments, the office supports, consolidates, and reviews the Top 10 Environmental Management Tasks, engaging in external cooperation projects such as emission offsets and stakeholder communication. Furthermore, climate change response-related items, such as GHG reduction and renewable energy transition, have been incorporated into the performance evaluation system for executives, along with the management of MBO¹⁾.

GOVERNANCE

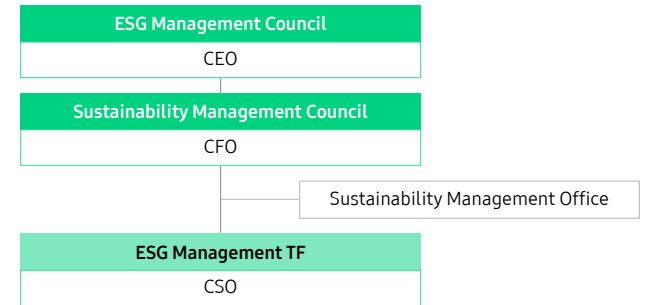
Top Management
Overseeing Climate
Actions
CEO

Dedicated
Organization for
Climate Actions
**Sustainability
Management
Office**

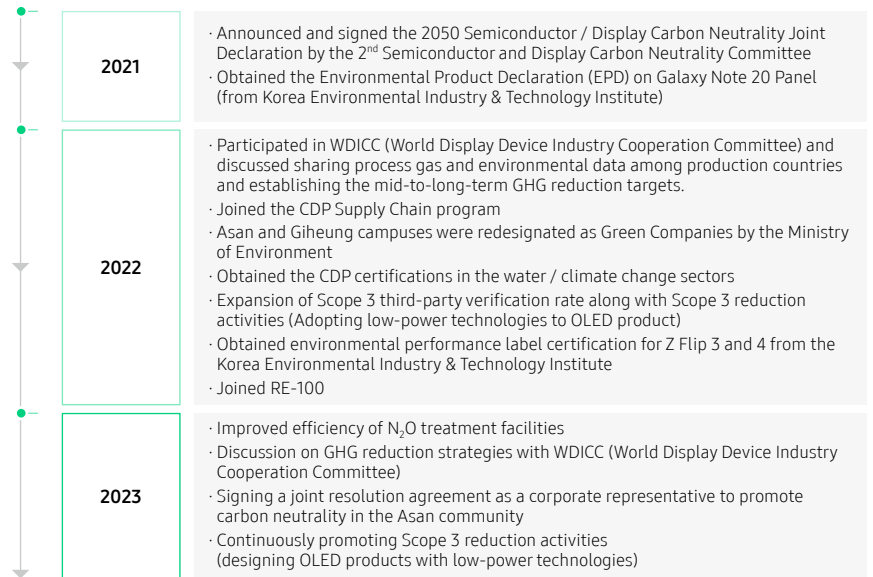
Key ESG
Management Council
Reports for 2023

- ① Developments in ESG requirements and legislation
- ② Plans for publishing the Sustainability Report
- ③ Achievements and plans for carbon neutrality initiatives
- ④ Strategies for GHG management in process
- ⑤ Approaches to achieving Net-Zero

Organizational Framework for Climate Actions



Key Activities related to Climate Change



1) Management by Objectives : A self-management system designed to achieve the company's vision, mid-to-long-term business strategies, and annual business plans. It involves setting objectives and achievement criteria through pre-consultation between superiors and subordinates, encompassing business units, divisions, teams, and team members. After a set period, the results are evaluated, and the plans and performances are reviewed.

Strategy

Identifying Climate-related Risks and Opportunities

Samsung Display classifies climate change issues into transition risks¹⁾ and physical risks²⁾ based on their timeline and strategically responds to each category. We analyze climate-related opportunities and incorporate them into decision-making associated with corporate policies, establishing detailed strategies regarding GHG emissions and renewable energy. Climate-related risks and opportunities are reviewed in line with the IEA NZE scenario³⁾ and the IPCC SSP5-8.5 scenario⁴⁾, with plans for continuous updates and enhancements.

Analysis of Climate-related Risks and Opportunities

Type	Timeline ⁵⁾	Risks and opportunities	Potential financial impact	Response measures	
Transition risks	Market	Short-term	Increasing customer demand for climate actions (products with high energy efficiency)	Weakening of market competitiveness due to failure to meet customer needs for sustainable products	- Continuous monitoring of customer requirements - Stakeholder engagement through publication of sustainability reports
		Long-term	Growing importance for transition to low-carbon technologies, carbon emission regulations in raw materials, equipment, and transportation providers within the supply chain	Increased costs of products and service attributed to the expenses incurred for climate change adaptation in the supply chain	- Reducing Scope 3 emissions through collaboration with suppliers - Strengthening ESG management for raw material suppliers
	Regulation / Policy	Mid-term	Tightened Emissions Trading Systems to achieve GHG reduction target	Increased cost of purchasing emission permits, fines and penalties	- Continuing GHG reduction activities (acquisition of certification program) - Management of short / mid-to-long-term emissions reduction targets
		Mid-term	Introduction of low-carbon product regulations for products produced by industry	Decreased competitiveness and reduced demand due to inadequate regulatory response	- Registration and certification acquisition according to low-carbon product standards by country
	Mid-term	Enhanced regulations on supply chain management and supplier on-site inspections	Penalties imposed for negligence in supply chain management	- Conducting ESG assessment, evaluations, and consulting for suppliers	
	Technology	Long-term	Increasing demand for sustainable and low-carbon products	Decreased demand for products that do not meet the criteria for sustainable and low-carbon products	- R&D investment for enhancing relevant technologies and product development
	Law	Mid-term	Risk of litigation	Increased fines and operating costs due to inadequate regulatory response to climate change in each country	- Continuous monitoring of regulatory trends and internal management systems - Committee and consultation body meetings (at least once per quarter)
Physical risks	Reputation	Mid-term	Increasing negative issues and feedback	Decreased sales due to reputational damage	- Expanding disclosure of internal and external information (activities and performance) - Ongoing communication and monitoring - Preparing company-wide strategic responses to key issues
	Acute	Short-term	Water scarcity	Water scarcity and product supply instability due to changes in precipitation	- Risk management in water-stressed areas (utilizing WRI6) - Implementation of water stewardship
	Chronic	Long-term	Severe climate change and changes in average temperatures	Increased financial burden due to decreased energy efficiency and increased power consumption	- Continuing energy-saving activities - Selection and management of key climate change issues
Opportunities	Energy resources	Mid-term	Use of low-emission energy sources, participation in carbon markets	Reduced operating costs	- Gradual transition to renewable energy sources - Response to Emissions Trading Systems
	Products and services	Long-term	Increasing demand for new products or services through R&D and innovation, changing consumer preferences	Increased revenue due to increased demand for new products and services	- Expansion of product portfolio - Continuous investment in low-carbon new product R&D

1) Transition risks: Corporate financial stress due to technological and industrial changes to respond to climate change
 2) Physical risks: Damage to life and property due to hurricanes, forest fires, floods, heat waves, sea level rise, and ocean acidification
 3) IEA NZE Scenario: A scenario assuming strong GHG reductions aiming for carbon neutrality by 2050 in line with the Paris Agreement.
 4) IPCC SSP5-8.5 Scenario: A high-carbon scenario characterized by the absence of climate policies and low climate mitigation capabilities in socio-economic structures.
 5) Timeline: Short-term (by 2025: Korea Emissions Trading Systems K-ETS 3rd phase), Mid-term (2026-2030: K-ETS 4th phase), Long-term (2031- 2050: Samsung Display achieving carbon neutrality)
 6) WRI: World Resources Institute

Scope 1 Management

Samsung Display announced its plan to achieve carbon neutrality by 2050 through its environmental management strategy in 2022. In the short term, we aim to reduce GHG emissions by implementing measures such as enhancing GHG emission control technologies, substituting low-carbon gases, and improving energy efficiency. For the medium to long term, our goal is to achieve carbon neutrality by advancing innovative product development and adoption, including improving process gas treatment efficiency and developing low-power products. In 2023, we have initiated various initiatives such as enhancing N₂O treatment efficiency and implementing activities to reduce F-gas emissions. As a participant in K-ETS¹⁾, we establish LED²⁾, submitted annually following approval of the IPCC 1.5°C Special Report, as our GHG reduction targets aligned with Korea's incremental NDC²⁾ strategy. We diligently monitor the implementation progress of these goals. Collaborating closely with production line management departments, we are committed to reducing GHG emissions through initiatives like transitioning process gases and installing decomposition facilities (scrubbers).

1) ETS: Emissions Trading Systems
 2) NDC: Nationally Determined Contribution
 3) LED: Long-term Low GHG Emission Development Strategies

Enhancing N₂O Treatment Efficiency | We improved the efficiency of our N₂O process gas treatment facilities by applying catalysts to existing heat-wet treatment facilities, resulting in reduced GHG emissions. By 2023, we completed the conversion for 32 units and are progressively expanding this initiative.

Reducing F-gas Emissions | Aiming to mitigate emissions of F-gases used in the etching process during display manufacturing, we have installed emission-reducing treatment equipment. The GHG emission reduction rate, including the efficiency of process decomposition within chambers, exceeds 90%.

Discussion on GHG reduction strategies with WDICC | In April 2023, we took part in a working group meeting of the World Display Device Industry Cooperation Committee (WDICC), analyzing fluctuations in GHG emissions and discussing the implications of environmental regulations such as the EU's Carbon Border Adjustment Mechanism (CBAM) and PFAS regulations. In November, we participated in the Main Committee meeting to deliberate on IPCC guidelines for GHG emissions calculations and collaborated on strategies for climate change adaptation, focusing on effective GHG emissions management.

Advancing Carbon Neutrality: Samsung Display's Advocacy Activities

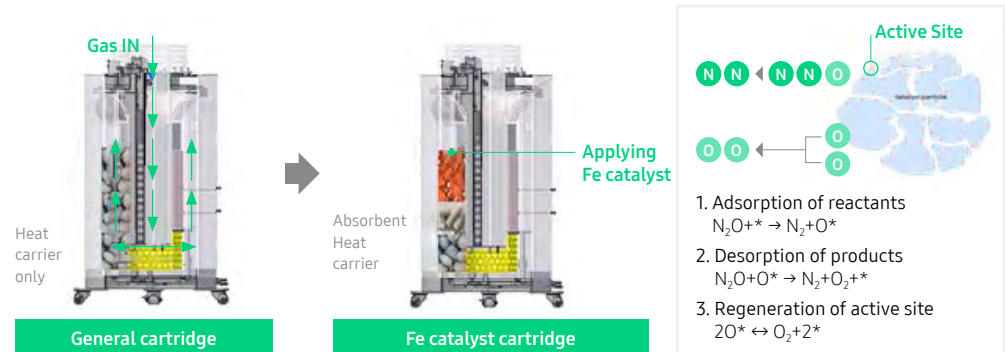
HIGHLIGHT

On October 6, 2023, Samsung Display, in collaboration with Chungcheongnam-do, the Korea Institute of Industrial Technology, and the North Chungcheong Chamber of Commerce and Industry, entered into a 'Carbon Neutrality Win-Win Cooperation Agreement'. Under this agreement, we will spearhead low-carbon transition projects at our business sites within Chungcheongnam-do and engage in win-win cooperation initiatives with SMEs. The North Chungcheong Chamber of Commerce and Industry will focus on supporting local businesses in their efforts towards low-carbon transitions and achieving carbon neutrality. Chungcheongnam-do has pledged administrative and financial support in accordance with relevant regulations to facilitate win-win cooperation projects, including the development and commercialization of carbon neutrality technologies. Beginning with a pilot project in the first half of 2024 aimed at advancing carbon neutrality technologies, the project is slated to expand nationwide by 2026 following the main project in 2025.

Moreover, as an industry representative, Samsung Display participated in international carbon neutrality conferences, advocating its carbon neutrality policies and contributing to discussions on both domestic and international policy frameworks. These efforts were recognized with an award in the Climate Change Organization sector from the Governor of Chungcheongnam-do in 2023.



Enhancing Point of User (POU) Scrubber Treatment Efficiency | We enhanced treatment efficiency by using Fe catalysts, resulting in a reduction of carbon emissions.



Scope 2 Management

Establishment of FEMS | Samsung Display has implemented the Factory Energy Management System (FEMS) to monitor and efficiently manage energy consumption in large-scale facilities, ensuring minimal wasteful power usage. Through FEMS, we conduct comparisons of energy efficiency among similar equipment to identify opportunities for energy savings and derive conservation initiatives. Additionally, we have developed an intensity system to verify the power requirements for product production, enabling relevant personnel to conveniently monitor and manage energy savings achievements.

Energy QUAL System | The Energy QUAL system involves pre-evaluations of equipment-related designs before their introduction to ensure operational energy efficiency. Samsung Display strives to manufacture equipment that optimizes energy usage while meeting specified requirements and functional standards. This systematic approach helps prevent unnecessary resource waste, such as additional investments in energy reduction during equipment operation.

Product Line Management | Samsung Display implements various management activities to ensure efficient energy use across its manufacturing and infrastructure facilities. In manufacturing equipment, we analyze utility consumption to adjust operational conditions based on those using the least energy. Meanwhile, it is prioritized to operate high-efficient equipments in energy usage among infrastructure facilities. We also consider production line uptime to optimize energy use under various equipment operation scenarios. While ensuring the required FAB criteria, we simulate and apply the most optimized conditions to operate infrastructure equipments. Additionally, our integrated analysis system enables us to compare infrastructure facilities in hierarchy to diagnose the amount of energy used to produce utilities for different manufacturing lines.

Through the analysis, we adjust the operational conditions as similar as those of the production line with the lowest energy consumption and detect any equipment using energy abnormally.

Driving Line Utility Energy Saving Activities

HIGHLIGHT

Samsung Display has established an Energy Saving Mode to efficiently manage the standby status of non-operational equipment based on production line uptime, thereby minimizing energy consumption. Previously, engineers manually adjusted standby temperatures and shut down partial power to reduce energy costs. Recently, we have undertaken efforts to automate these processes in alignment with operational schedules.

Improving Energy Efficiency through Employee Engagement | We promote energy efficiency based on innovative ideas from our employees. In 2023, a total of 1,490 projects related to electricity and city gas were identified and executed, with performance managed through FEMS. Additionally, to ensure the accuracy and relevance of these projects, energy experts conducted thorough reviews.

Key Initiatives in 2023

Utility type	Description	Savings (annual)
Electricity	UPW process load optimization activities (Turning off low-load equipment, transitioning to high-efficiency integrated operation)	11.2 GWh/year
Electricity	Reducing the supply pressures of air and cooling water, and lowering the differential pressure at FAB equipment entrance	24.4 GWh/year
City gas	Development of a simulator for Out Air handling Conditioner (OAC) (aimed at optimizing operational balance and supply DP ¹⁾ temperature)	0.5 Mm ³ /year
City gas	Optimizing RTO ²⁾ combustion temperature	1.1 Mm ³ /year

1) DP : Dew Point

2) RTO : Regenerative Thermal Oxidizer

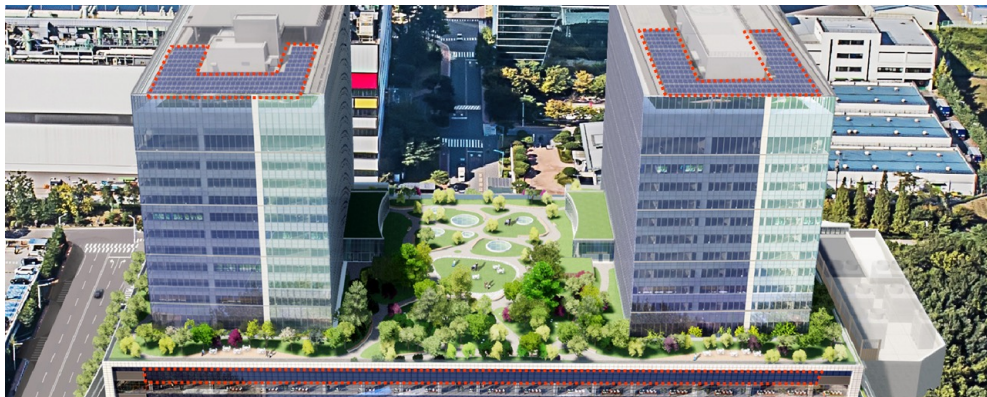
Energy Saving Initiatives in 2023

(Unit: %)

Category	Percentage
Rationalization of utility usage	30
Efficiency enhancement of standby mode	26
Application of Energy Saving mode	23
Device efficiency enhancement	10
Improvement task for productivity enhancement through tact time reduction	4.7
Optimization of specifications	3.0
Modification of high-efficiency systems	1.5
Equipment recipe modification	1.0
Energy-saving measures for peripheral equipment	0.3
Recycling of waste energy	0.3
Replacement, exchange, and repair of consumable parts	0.2

Efforts to Expand Renewable Energy | In an effort to increase the conversion rate to renewable energy on our domestic campuses, we are trying to achieve the annual goal of converting to renewable energy by utilizing our own renewable energy generation, PPA¹⁾ and the green premium. We plan to introduce 411 kW of general solar power facilities and 485 kW of BIPV²⁾ solar facilities at our new office building. We signed an on-site PPA contract to install a 1MW solar power generation facility on the roof of a new parking lot in the business site and will supply it from the end of 2024. Furthermore, we have plans in place to procure 39MW of wind power starting from July 2024, which will be achieved through the conclusion of a Power Purchase Agreement (PPA).

1) PPA: Power Purchase Agreement.
2) BIPV: Building Integrated Photovoltaic.



SDR solar power facilities

Participation in a Public-Private Carbon Neutrality Win-Win Model, SUM

HIGHLIGHT

Samsung Display is planning a renewable energy PPA project that utilizes idle space owned by local governments by forming a consortium with Chungcheongnam-do. As part of this, we are promoting a solar power generation (2.3MW) PPA pilot project using parking spaces in the Chungcheongnam-do Provincial Office area. We plan to develop a model in which local governments and companies cooperate to achieve carbon neutrality through the expansion of renewable energy.

Transition of Overseas Subsidiaries to Renewable Energy | In pursuit of a proactive response to domestic and international demands, Samsung Display is endeavoring to transition all its business sites to renewable energy. The Chinese subsidiaries completed their transition to 100% renewable energy in 2020. Currently, all overseas subsidiaries, including those in Vietnam and India, purchase Renewable Energy Certificates (RECs) certifying 100% renewable energy supply.

Energy Savings Campaign

HIGHLIGHT

Samsung Display is fostering a culture of energy conservation through a variety of internal campaigns. During peak electricity demand months, (particularly in July and August), we engage employees in initiatives aimed at reducing national electricity demand and peak power consumption at our facilities. These efforts include activities such as educating employees about energy savings through initiatives like 'The Secret of Electricity Bills We Don't Know' to cultivate understanding, and 'Find the Mistakes in Energy Conservation Pictures' for enjoyable engagement. We actively promote participation and knowledge sharing among employees to showcase the outcomes of their conservation efforts. By consistently communicating the impact of their energy-saving contributions, we aim to maintain awareness and engagement. Looking ahead, we will continue to implement energy management activities that build consensus and involve employees, ensuring a sustained reduction in excessive energy consumption.

Internal energy savings campaigns



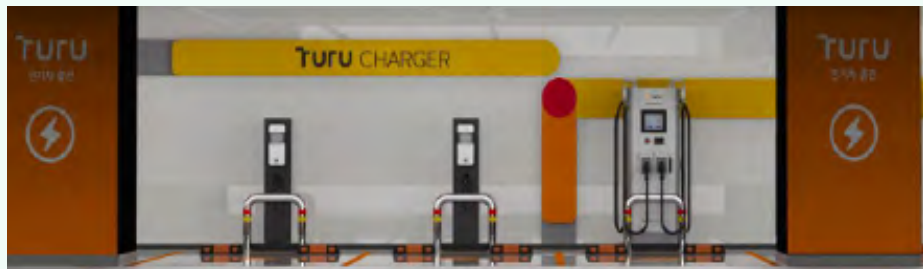
Transitioning to Zero-Emission Vehicles and Installing EV charging stations HIGHLIGHT

Samsung Display joined K-EV100 in March 2021 with the objective of transitioning all company vehicles to zero-emission vehicles by 2026, totaling 57 vehicles. As of March 2024, 32 vehicles (56%) have already been converted to zero-emission vehicles, and we aim to convert 48 vehicles (84%) by December 2024. We have purchased MINI Countryman electric vehicles featuring our OLED displays and plan to continue transitioning our fleet to zero-emission vehicles.



Transitioning to zero-emission vehicles

In response to the growing demand for eco-friendly vehicles, we have installed 93 units of standard EV charging stations from 2021 to 2023. In 2024, we plan to introduce EV charging facilities at the newly constructed parking facility (SDR, Asan 2 Parking Tower). These charging facilities will be installed at approximately 5% of parking spaces to ensure convenience for our employees and visitors who drive EVs.



Installing EV charging stations

Scope 3 Management

Since 2021, Samsung Display has been meticulously analyzing accessible GHG data across 15 categories spanning from upstream to downstream to calculate Scope 3 emissions associated with corporate activities, adhering to global standards. In 2023, Scope 3 emissions totaled 4,928,000 tons of CO₂e (excluding categories 1 and 2), reflecting a reduction of 4,000 tons of CO₂e compared to 2022. To ensure the accuracy and reliability of our emissions data, third-party verification has been implemented, further enhancing data precision.

We actively promote circularity in plastic materials (such as trays and waste protective films) to mitigate carbon emissions within the Scope 3 category. This approach also contributes to reducing emissions during the product usage phase through the low-power design of our products, particularly OLED products. We have developed a robust methodology for calculating GHG reductions specifically attributable to low-power OLED design, with annual calculations subjected to third-party verification.

Advancing Carbon Neutrality Across Supply Chain HIGHLIGHT

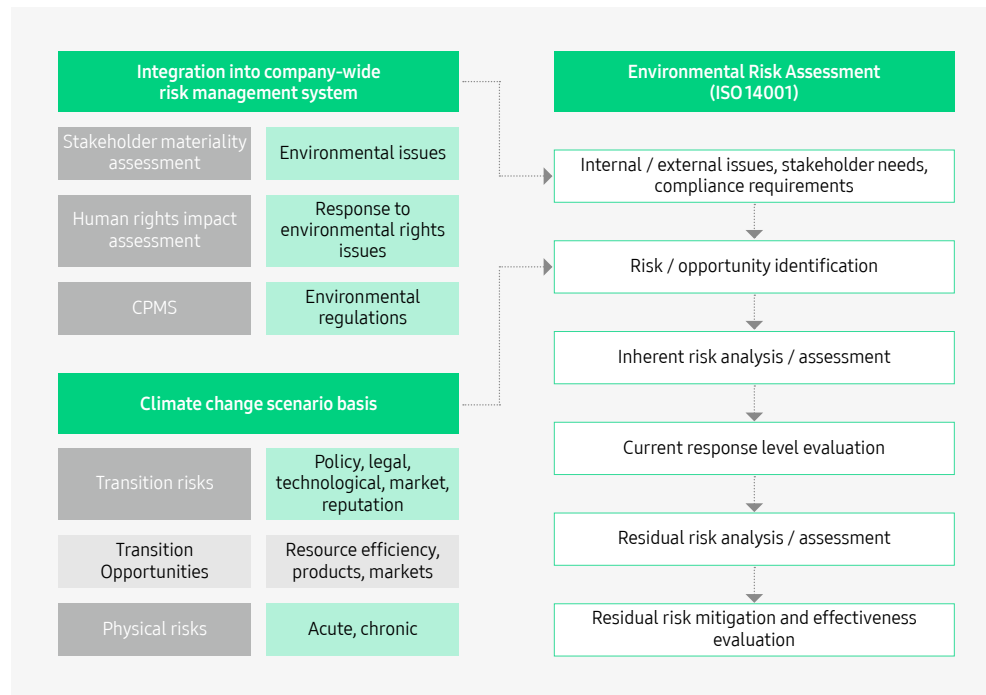
Samsung Display has engaged as a demanding administrative agency in a national R&D initiative aimed at developing and validating a data platform for LCA-based carbon management tailored for small and medium-sized enterprises (SMEs) to advance carbon neutrality initiatives throughout its supply chain. Coordinated by the Korea Institute of Industrial Technology (KITECH), this collaborative project encompasses 18 research institutions, including SMEs and universities. Spanning from 2024 to 2028, the project focuses on establishing LCA platform guidelines specific to the characteristics of Samsung Display's supply chain and devising supply chain-oriented reduction strategies for integration into our operational systems. Commencing in the project's second year in 2025, we plan to select a minimum of 10 suppliers specializing in core components, materials, and equipment from within our supply chain for rigorous platform validation. Through this strategic initiative, our objectives extend beyond acquiring cutting-edge technologies for data-driven LCA management platforms. We also seek to bolster our global competitiveness in exports while contributing substantively to national carbon reduction goals. Ultimately, our goal is to establish an internationally recognized platform infrastructure.

Risk Management

Climate Risk Management System

We have linked our integrated risk management system to the ISO 14001 to create a process that identifies climate risks in advance, prevents them, and assesses their impact. Every year, we conduct internal and external evaluations to verify the appropriateness and effectiveness of risk assessments. As for material risks, they are reported to the Sustainability Management Council so that responses can be made at the company level through the process currently under review.

Climate Risk Management System

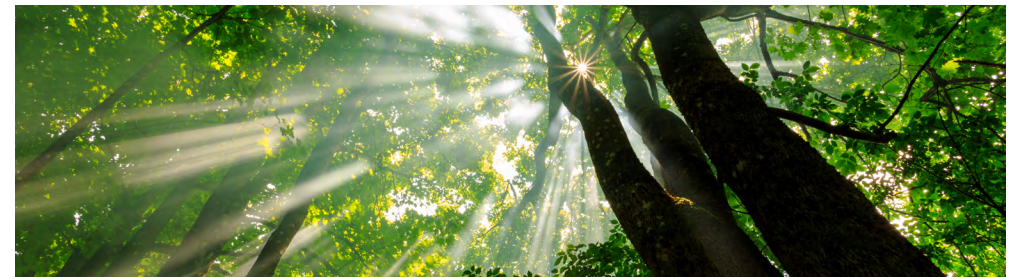


Risk / Opportunity Identification | We proactively identify potential key risks and opportunities across its operations due to climate change. At the corporate level, we manage issue pool comprising of risks and opportunities derived from domestic and international climate change policies, regulations, trends, customer and business-related issues. We conduct scenario analysis to analyze risks and opportunities, categorizing identified risks into physical risks and transition risks. Physical risks are categorized into acute and chronic risks, while transition risks are classified into market, regulation / policy, technology, legal, and reputation categories.

Risk / Opportunity Assessment | We conduct a systematic analysis of the potential impact of identified risks and opportunities on our business activities, evaluating both the likelihood and severity of their impact qualitatively and quantitatively. Throughout the short, medium, and long-term strategic phases of our business strategy, we estimate when these risks are expected to manifest. Prioritization of risks involves gathering input from relevant departments and experts based on our analysis findings. Risks identified as significant are reported to senior management for systematic management, oversight, and response.

Mitigating Identified Risks | We are proactively advancing our climate change risk management efforts, establishing a systematic framework to ensure comprehensive oversight. Led by the ESG Management Council, we formulate holistic climate change response plans across the organization. These plans focus on mitigating identified risks while also exploring opportunities that are aligned with our company's overarching business strategy.

Risk Monitoring | The Sustainability Management Office monitors departmental responses to climate change risks and important issues regularly. Findings are reported to the ESG Management Council, ensuring that monitoring results influence the company's strategic and policy directions.






METRICS AND TARGETS

Metrics And Targets

Samsung Display has established metrics and targets for its climate actions.

Quantitative Outcomes Based on Climate Action Metrics¹⁾

Metrics	Quantitative outcomes	
 <p>GHG Intensity</p>	<p>GHG (Scope 1+2+3) emissions intensity per net revenue by location</p> <p>36 tons CO₂e / KRW 100 million</p>	<p>GHG (Scope 1+2+3) emissions intensity per net revenue based on market</p> <p>32 tons CO₂e / KRW 100 million</p>
 <p>GHG Emissions Calculation / Estimation Methodology</p>	<p>Explanation on GHG calculation methodology and emission factors</p> <p>Scope 1&2 Calculated based on national GHG management guidelines, IPCC guidelines, and ISO 14064 standards</p> <p><small>* Example emission factor (electricity, domestic): AR 5 : 0.459 kgCO₂e / kWh</small></p>	<p>Explanation on GHG calculation methodology and emission factors</p> <p>Scope 3 Calculated based on category-specific methodologies across 15 categories according to GHG protocol.</p> <p><small>* Methodologies are selected for each category, utilizing input variables (such as raw material purchases /a mounts) and emission factors, (prioritizing directly acquired primary data).</small></p>
 <p>Capital Allocation²⁾</p>	<p>Capital expenditure related to climate risks and opportunities</p> <p>Maintenance of NOx analyzers, scrubber equipment maintenance, RTO inspections, atmospheric TMS maintenance, GHG efficiency measurements, energy diagnostics, process gas treatment facility efficiency enhancements</p> <p>KRW 4.8 billion</p>	<p>Investment in climate-related risks and opportunities</p> <p>Installation of NOx treatment systems and TMS implementation</p> <p>KRW 3.6 billion</p>

1) All related quantitative outcomes can be found in the ESG Factbook in the Appendix
 2) There was no capital raised specifically for climate risks and opportunities in 2023

Waste Management and Circular Economy

Samsung Display is committed to environmental protection and active resource recycling. We formulate a quarterly roadmap to manage non-recyclable waste recycling and ensure proper monitoring. We also set KPI targets to manage each business site's waste recycling rate effectively. Ultimately, we aim to achieve a waste recycling rate of 99.9% by 2030.

Governance

Governance Framework for Waste Management and Circular Economy

Samsung Display proactively manages emission sources to prevent potential environmental pollution incidents. By adhering to environmental laws and regulations, we are committed to reducing waste and pollutants. To achieve this, our bi-monthly ESG Management T/F meetings, led by the CSO, identify and review tasks focused on mitigating environmental impacts such as air and water pollution, and promoting resource recycling. Major issues are reported to the ESG Management Council and integrated into the company's overall strategy and policies.

Resource Utilization and Circular Economy Policy | Under the ISO 14001 Environmental Management System, Samsung Display aims to contribute to environmental protection by reducing non-recyclable waste and increasing recycling rates. We have developed a roadmap, including recycling plans for non-recyclable waste, and set KPI targets to continuously oversee the recycling rate at each business site. The responsibility for resource utilization and circular economy policy implementation lies with the CSO. Through the periodical T/F meetings, we incorporate feedback from various stakeholders, including suppliers, the government, and clients, to introduce policies and monitor their effectiveness. We continuously monitor developments in resource circulation laws and customer requirements, reflecting the results in our quarterly goals. The performance against these set KPI targets is reported during the periodical T/F meetings.

Strategy

Efforts to Minimize Resource Usage

Waste Management on Campus | Samsung Display is actively pursuing various activities to contribute to the resource circulation through safe management and recycling of industrial waste. We operate the Resource Circulation Center where display waste products generated on campus are disassembled and separated by material for disposal. The waste liquid generated during the manufacturing process is sent back to chemical suppliers to be recycled as raw materials after removing impurities. For other types of waste, we select appropriate outsourced waste disposal companies through prior evaluation, and regularly verifies their compliance with waste disposal regulations through document review and on-site inspections.

GOVERNANCE

Top Management
Overseeing Waste
Management and
Circular Economy

CSO

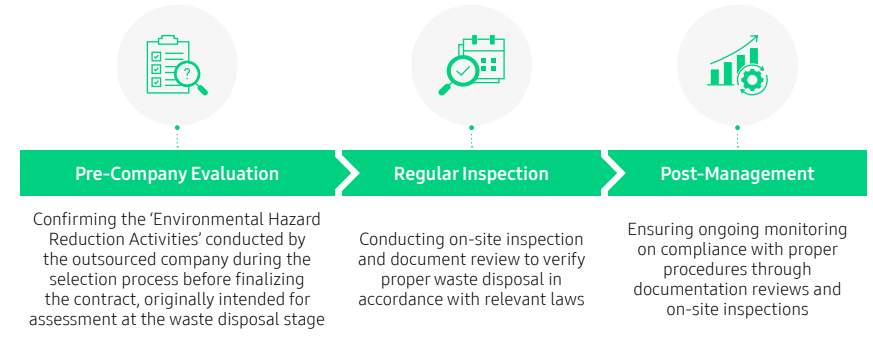
Waste Recycling
Rate Goal

99.9
% by 2030

Zero Waste to
Landfill Certification
Achieved

Platinum
Grade

Step-By-Step Management Process of Waste Treatment Company



Minimizing Resource Usage

Zero Waste to Landfill | Samsung Display manages monthly waste reconciliation to track costs and recycling rates as KPIs while monitoring the environmental impact of waste management. Through this systematic approach, Samsung Display has achieved a global certification organization UL¹⁾'s Platinum Grade certification for Zero Waste to Landfill²⁾ at all domestic campuses (Asan 1, Asan 2, Cheonan, Giheung) and overseas subsidiaries (SDD, SDT, SDN). The Platinum Grade is awarded when the recycling rate exceeds 99.5% (excluding designated waste) according to UL standards. In 2023, Samsung Display successfully transitioned to recycling PVC waste and mask cases, previously incinerated, thereby achieving the goal of zero waste to landfill by partnering with exemplary waste disposal companies. In 2024, we aim to extend Zero Waste to Landfill certification to all domestic facilities and overseas subsidiaries.

1) Underwriters Laboratories: A global certification organization

2) A system by which UL verifies and assigns grades based on the level of recycling compared to waste generation at campuses on an annual basis. It serves as a measure to assess the level of resource recycling in companies. The certification system assigns grades, including SILVER (89.5-94.4%), GOLD (94.5-99.4%), and the highest level, Platinum (99.5-100%), based on the resource circulation rate.

Status of Zero Waste to Landfill Initiative

2021	2022	2023
All domestic campuses Achieved Platinum Grade	All domestic campuses Maintained Platinum Grade	All domestic campuses & SDD, SDT, SDN Achieved Platinum Grade

Waste Management and Circular Economy

STRATEGY

Advancing Circular Economy through Recycling Initiatives

Efforts to Recycle Waste Etchants | Samsung Display is actively advancing the ‘Waste Etchant Recycling Project’ as part of our commitment to environmental protection and resource circulation. This initiative involves recycling nine types of waste liquids through specialized companies in waste collection and refining. These waste etchants are purified and reintroduced into our production processes, facilitating recycling from a supplier’s perspective. Since 2021, we have developed technology to extract silver (Ag) from these waste etchants, promoting the recovery and recycling of silver. By reusing silver recovered from waste generated during our display manufacturing process as a material in display production, we have generated approximately KRW 1.7 billion in added value annually. Furthermore, we support our waste collection and refining partners in deploying these refining technologies at operational sites and conduct annual inspections to ensure effective management.

Amine Alkaline Waste Fluid Recycling | Samsung Display recycles approximately 156 tons of amine alkaline waste fluid used in the manufacturing process annually through the introduction of DPF¹⁾ in the process. Since 2019, we have been concentrating the amine alkaline waste fluid generated after recycling into a highly-concentrated fluid and neutralizing it externally. Through resource circulation certification, we have managed to reduce waste by approximately 5,400 tons per year.

1) DPF: Equipment used in the photo process to filter TMAH containing PR

Recognized Waste Glass as Circular Resource | In 2021, Samsung Display received recognition from the Geumgang Basin Environmental Agency for carrier waste glass generated at our campuses as ‘circular resources’. These resources meet domestic legal standards and are exempt from legal restrictions on transportation, storage, and disposal under the Waste Management Act. Consequently, we directly sell waste glass to be recycled as raw material for glass fiber without additional processing. In 2023, we submitted approximately 4,070 tons as circular resources, and in January 2024, we received additional recognition for approximately 1,000 tons of waste glass and wastepaper from stainless steel strips. In February 2024, around 800 tons of release film were also recognized as circular resources. In February 2024, approximately 800 tons of release film were recognized as circular resources. In June, about 300 tons of cell trays were also recognized as circular resources. Accordingly, these combined efforts resulted in a waste reduction of approximately 6,170 tons.

Amine alkaline waste fluid recycling
5,400
tons

Achievements in 2023 New Recycling Efforts
Recycling waste glass, PVC, release film, and organic materials

Efforts to Recycle Waste Glass | We have identified suppliers capable of recycling a portion of our waste glass, traditionally used as a cement raw material, into eco-friendly glass aggregate. Approximately 275 tons of waste glass have been repurposed as paving material for the floors of our new SDR building.

Efforts to Recycle PVC Waste | Continuing our commitment to sustainability, we have pursued ongoing research into recycling PVC¹⁾ waste generated during demolition procedures. Through partnerships with new suppliers capable of producing recycled PVC materials, we have successfully diverted approximately 140 tons of waste, including existing PVC pipes previously destined for incineration, toward recycling efforts. This initiative has not only bolstered our recycling rates but also led to reductions in waste disposal charges.

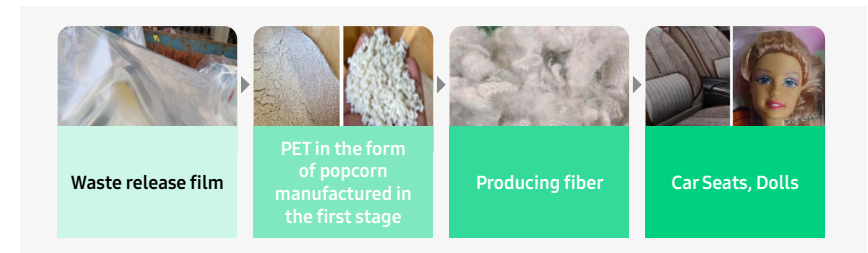
Efforts to Recycle Waste Release Film | We previously incinerated all waste release film²⁾, totaling over 800 tons annually from our cell manufacturing processes, using solid refuse fuel³⁾(SRF). However, through strategic partnerships with recycling technology providers and rigorous on-site testing, we successfully transitioned to recycling these materials into PET raw materials. In 2023 alone, we recycled 765 tons of release film (231 tons from Asan 1 and 534 tons from Asan 2), yielding approximately KRW 140 million in high-added value. This film was recognized as circular resources in 2024. We are identifying suitable manufacturing partners capable of processing PET raw materials in pellet form into dustproof and workwear garments used in our production lines. We have established streamlined processes for transporting materials directly from residential suppliers to contracted processing facilities.

1) PVC: Polyvinyl Chloride

2) Waste release film: A protective film attached to the glass panels (front and back) during the production of TV displays

3) Solid Refuse Fuel: A type of solid recovered fuel made from household waste, including plastics and other materials

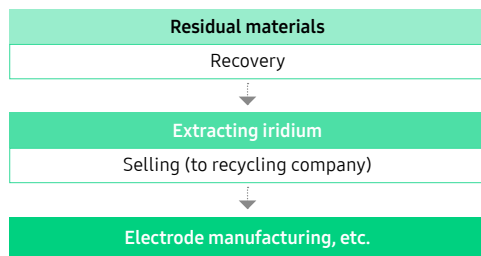
Recycling Waste Release Film



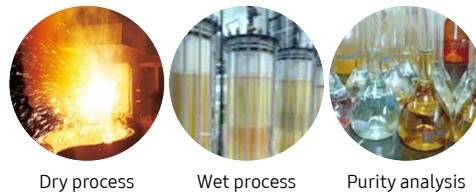
Waste Management and Circular Economy

Recycling Rare Metals from Waste Organic Materials | Our OLED products incorporate organic materials that emit light independently. Previously, any residual organic materials remaining from the deposition process were typically incinerated. However, upon discovering the presence of rare metal iridium within these organic materials, we sought out processing partners capable of extracting iridium. After thorough evaluations of processes and legal considerations, we established contracts to transition towards recycling and selling these materials. Despite their relatively small quantities, this initiative has delivered both environmental and economic benefits. In 2023, we successfully extracted 33 grams of iridium, resulting in economic gains of approximately KRW 53 million. Looking forward to 2024, we project generating over KRW 1.3 billion in economic value through expanded efforts to recycle rare metals from waste organic materials.

Extracting Iridium for Recycling

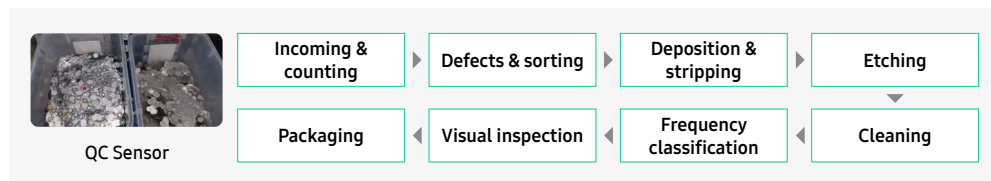


* Extraction using dry (thermal decomposition) and wet (acid dissolution) methods



Collaborative Partnerships for QC Sensor Recycling | Samsung Display has implemented a recycling initiative for QC sensors through collaborative partnerships. Previously, these sensors were disposed of after their use in our manufacturing processes. However, through cooperation with our suppliers, we have identified recycling partners and established contracts. As a result, recycled QC sensors are returned to the original suppliers, where they are transformed into new, cost-effective QC sensors and subsequently sold for reuse elsewhere. Despite challenges in sourcing raw materials like crystals due to geopolitical restrictions, the procurement, sales, and processing sectors have collaborated effectively to establish a sustainable framework.

Ameliorating Recycling Process for QC Sensor¹⁾ (Deposition & stripping → etching → Cleaning → Screening → Recycling)



¹⁾ QC sensor: It stands for Quartz Crystal which functions by monitoring the thickness of the deposition materials on the depositor

Advancing Circular Economy Through In-House Initiatives

Transitioning to Reusable Items in Company Cafeterias and Cafes | Samsung Display is shifting from single-use to reusable coffee cups across five company cafeterias, advancing the circular economy by reducing disposable item usage. Trial operations are also underway for reusable cups at 11 in-house cafes, targeting full implementation across all locations by the first half of 2024. Additionally, the SR5 cafeteria at Giheung Campus is piloting the transition from disposable to reusable containers for takeout items like fruits, kimbap, and snacks, aiming to complete the conversion to reusable containers by the first half of 2024. Similar pilot initiatives will begin at the Asan campus in the first half of 2024, with full implementation anticipated by year-end.

Installation of Coffee Capsule Collection Bins | In response to the rising consumption of coffee capsules in our office, we have implemented a recycling process for used capsules and coffee grounds. Used capsules are sent to our partner company for cleaning and recycling, while coffee grounds are repurposed into fertilizer. To facilitate this initiative, we have strategically installed 55 collection bins across our office premises. This ensures a seamless system where collected materials are promptly dispatched to recycling facilities for processing.

The image shows two posters. The left poster is titled '사내카페 다회용컵 시범도입 안내' (Notice regarding the use of reusable items with in the company). It features a green background with illustrations of reusable cups and a recycling bin. The right poster is titled '페커피 캡슐 수거함' (Notice regarding coffee capsule collection bins). It has a green background with large yellow text and illustrations of coffee capsules and a collection bin. Both posters include operational details like dates and locations.

Participation in the 15th Resource Circulation Day Event

HIGHLIGHT

Good Habits to Protect the Earth, Bye Bye Plastic

Resource Circulation Day, established to highlight the importance of protecting the Earth's environment and recycling resources, was celebrated with the theme 'Good Habits to Protect the Earth, Bye Bye Plastic.' Organized by the Ministry of Environment and held in Asan City, Samsung Display participated in the 15th Resource Circulation Day event on September 6, 2023. The event aimed to raise awareness about the surge in plastic use and pollution following the COVID-19 pandemic and encouraged actions to reduce plastic waste.

At the event, various companies and organizations operated promotional booths showcasing steps in the resource circulation process, including production, consumption, management, and recycling, all focused on reducing plastic use. We presented our waste recycling cases and resource circulation activities, highlighting our environmental management strategy and our goal of achieving carbon neutrality by 2050.



The 15th Resource Circulation Day

Samsung Display's K-Display Booth

The Samsung Display booth was equipped with a photo zone, resource recycling panels and exhibits, QD-OLED TVs displaying ESG activity introduction videos, eco-friendly souvenirs, and refreshments from a coffee truck. Notably, visitors to the booth began their experience by taking instant photos at the photo zone and pledging their commitment to resource circulation.

Inside the booth, we showcased prototypes made from recycled waste and introduced various recycling cases. Highlights included recycling waste glass into glass fibers for use in automotive interiors, TVs, and ships, as well as recycling it into cement used for the construction of our new SDR building. We also demonstrated the process of converting waste release film into PET raw materials, which were then turned into fibers for producing seats and stuffed dolls.

This event was a meaningful opportunity for visitors and our employees to learn in detail about our ongoing efforts towards resource circulation.



The 15th Resource Circulation Day Event



Good Habits to Protect the Earth, Bye Bye Plastic



Recycling cases



Recycling waste glass for the construction of our new SDR building

Risk Management

Identifying and Evaluating Significant Impacts, Risks, and Opportunities



Samsung Display manages monthly waste reconciliation to track costs and recycling rates as KPIs while monitoring the environmental impact, risks, and opportunities associated with waste management. Domestically generated waste at Samsung Display is classified into 146 types, including designated waste, medical waste, and general waste. Waste from production processes is managed according to the G-EHS System (Global-Environment, Health & Safety) disposal request procedure. Upon inquiry regarding disposal methods, waste is moved to the Resource Circulation Center with approval from the Environment Group. At the Resource Circulation Center, waste is separated and stored by type and item. Contracted partners handle removal through a weighing procedure, which is automatically linked to the G-EHS System and transmitted to the Allbaro System. The Environment Safety Team leads resource utilization and circular economy initiatives, submitting resource circulation performance reports to the Korea Environment Corporation annually and continuously securing new waste recycling partners.



Metrics And Targets

Samsung Display has established metrics and targets to achieve effective waste management and a circular economy. Our waste management strategy prioritizes the following steps: 1. Prevention of waste generation, 2. Preparation for reuse, 3. Recycling, 4. Other recovery methods and 5. Disposal. We set goals based on these priorities and actively promote their achievement.

Quantitative Outcomes¹⁾ and Targets Based on Climate Action Metrics

Metrics and targets	Methodology to set targets
 <p>Waste recycling rates</p>	<p>We identify companies capable of recycling non-recyclable items and estimate based on historical data to set targets for recycling.</p>
 <p>Recognizing waste as circular resources</p>	<p>We are manufacturing pellet-type PET raw materials from release film recognized as circular resources, which are reused as stuffing for toys and fillers for vehicle seats. We are actively seeking suitable manufacturing partners capable of processing these materials into dustproof and workwear garments used in our production lines. Recycling these circular resources such as waste release film enables us to engage in environmental protection and reduce waste disposal.</p>

¹⁾ All related quantitative outcomes can be found in the ESG Factbook in the Appendix

Reducing Environmental Impact

Samsung Display is committed to improving air quality through continuous development of advanced technologies for pollutant treatment, as well as reducing and substituting the use of chemicals.

Air Pollutant Management

Abating Air Pollutant Emissions

Air Pollutant Management and Monitoring | Samsung Display diligently monitors and manages air pollutant emissions from its facilities to ensure compliance with regulatory standards. We have implemented a Telemonitoring System (TMS) for real-time measurement of nitrogen oxides and hydrogen chloride, ensuring continuous air quality monitoring. Furthermore, specialized analytical institutions conduct thorough concentration measurements of emissions from all chimneys onsite. Emission levels are maintained within stringent internal standards, aligned with 30% of the limits stipulated by the Clean Air Conservation Act. This approach guarantees optimal operation and maintenance of our treatment facilities.

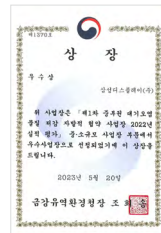
Air Pollutant Emissions Mitigation Activities | Samsung Display actively pursues various activities to mitigate air pollutant emissions. To reduce nitrogen oxides, a major component of fine dust, we have installed low-NO_x burners in boilers and continue to expand the deployment of nitrogen oxide reduction devices in rooftop air pollution prevention facilities. Additionally, we develop advanced technologies for pollutant treatment and minimize emissions through the substitution and reduction of process gases.

Furthermore, we have entered voluntary agreements with the Geumgang Basin Environmental Agency to reduce fine dust, aligning closely with national policies aimed at enhancing air quality. We actively enhance the treatment efficiency of prevention facilities in the event of high-concentration fine dust while implementing emergency reduction measures.

This remarkable achievement led to us being awarded for being selected as a business site that performed excellent fine dust reduction by the Geumgang Basin Environmental Agency in 2023.



Emission Reduction Targets for Air Pollutants



2023 Award to be selected as the excellent workplace for fine dust reduction

Air Pollutant Management

Reduction of air pollutant emissions in 2023
183.3 tons

Deployment of Nitrogen Oxide Reduction Devices

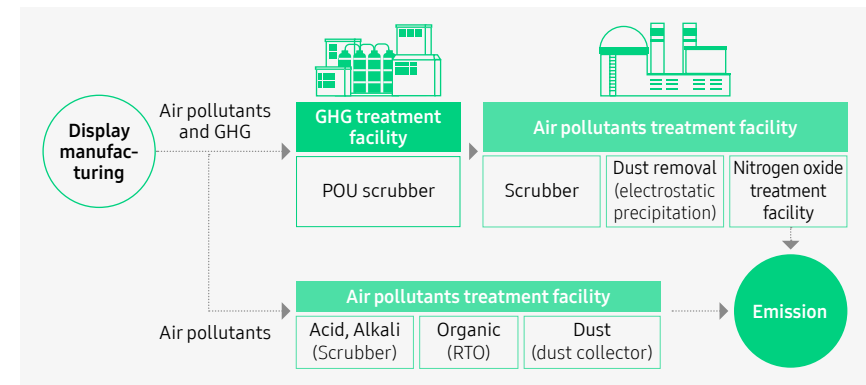
HIGHLIGHT

As part of its efforts to manage emissions generated during display manufacturing, Samsung Display is continuously expanding its nitrogen oxide treatment facilities. These facilities utilize oxidation and reduction processes to remove over 80% of nitrogen oxides. Since 2019, we have installed these facilities on the A3 line at the Asan 2 Campus. In 2023, similar facilities were also installed at the Asan 1 campus, which are currently operational.



Nitrogen oxide treatment facility

Air Pollutant Reduction System



Air Pollutant Management Activities of Overseas Subsidiaries | Samsung Display Tianjin (SDT) installed organic exhaust treatment facilities in 2019 and low-NO_x burners in 2020 to mitigate major pollutants such as nitrogen oxides and associated VOCs. Moreover, SDT conducts quarterly monitoring and measurement of air pollutant emissions through specialized analytical institutions, adhering to internal standards stricter than legally required annual assessments. Recognized for these efforts, SDT has maintained an A-grade in government-led Green Business evaluations since 2017 and holds certification as an advanced enterprise in ecological and environmental protection.

Reducing Environmental Impact

Management of Hazardous Chemical Substances

Management Principles of Hazardous Chemicals

Hazardous Chemicals Management System | Samsung Display has established the 'Principles of Hazardous Chemical Substance Management,' outlining objectives, scope, workflows, and relevant regulations to ensure adherence to domestic laws. We implement even more stringent management practices beyond statutory obligations. Moreover, we proactively monitor regulatory developments to anticipate potential risks and impacts associated with chemical handling. Through our Alteration Management Committee, we analyze these implications on our operations and devise appropriate countermeasures. We conduct annual inspections to verify that delivered chemicals are free from hazardous substances, employing systematic monitoring activities to effectively mitigate legal risks.

Management Process of Hazardous Chemicals within Products | All Samsung Display campuses strictly adhere to EU regulations such as 'EU RoHS¹⁾' and 'EU REACH²⁾', which impose restrictions on the use of hazardous substances. To ensure compliance with RoHS requirements and EPEAT³⁾ standards for hazardous substance management, we have implemented systematic processes covering supply chain management through to internal monitoring. In response to tightened international regulations concerning PFAS⁴⁾ usage, we have developed management systems focused on Task Forces and operate the Eco Partner Certification System to evaluate hazardous substance processes within our supply chain.

Additionally, all our suppliers must submit analysis reports for 10 RoHS-regulated substances, as well as for Br, Cl, and Sb, to our e-CIMS⁵⁾ system before delivering new components or materials.

We conduct internal verification of hazardous substances using XRF analysis during the PVR⁶⁾ stage for development models and detailed external analysis during the PRA⁷⁾ stage. For ongoing monitoring on hazardous substances, periodic XRF⁸⁾ analysis is performed on mass-produced components.

1) EU RoHS: EU directive restricting the use of hazardous substances in electrical and electronic products. It limits substances such as heavy metals (lead, cadmium, mercury, hexavalent chromium) and PBB / PBDE known to be harmful to human health

2) EU REACH: EU regulation governing the registration, evaluation, authorization, and restriction of chemicals

3) EPEAT: A certification system in the United States for evaluating the environmental performance of electronic products

4) PFAS: Organic chemicals that have completely fluorinated carbon, known for their persistence and bio accumulative properties.

5) e-CIMS: Environmental Chemical Integrated Management System (

6) PVR: Product Validation Review

7) PRA: Product Readiness Approval

8) XRF Analysis: A non-destructive analytical technique

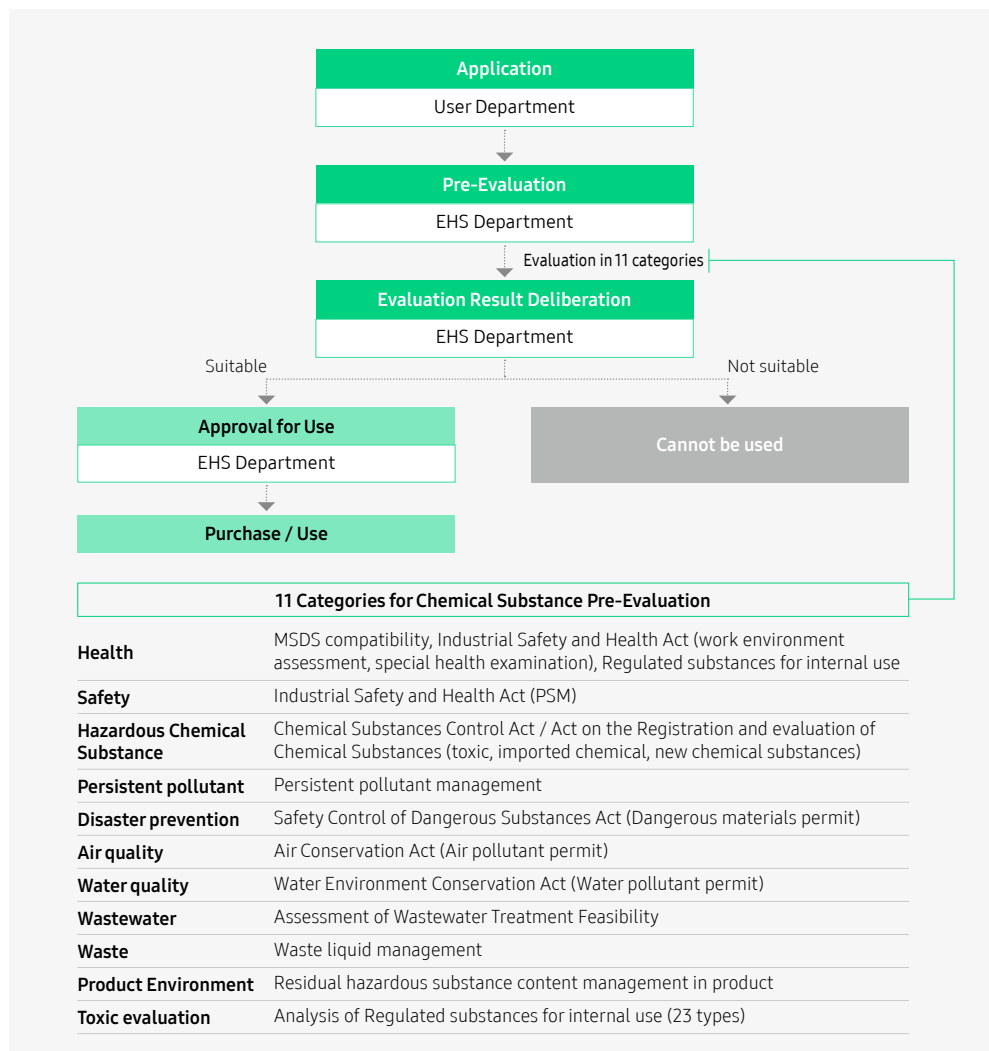
Tightened Regulations Concerning PFAS | PFAS substances present challenges due to their persistence in the environment and accumulation in human and natural systems. Despite these concerns, their robust molecular structure provides excellent water and dirt resistance, as well as chemical and thermal durability, making them widely utilized across industries. Currently, industries are actively pursuing alternatives to PFAS, though finding suitable replacements in the short term remains challenging. In response, we have collaborated with government agencies to submit a joint opinion to ECHA, advocating for a practical grace period for regulatory compliance. We have proactively developed alternative substances and established a company-wide task force to apply them to our products.

List of Regulated Substances and Hazardous Chemical Substances for Internal Use | Samsung Display regularly updates and supplements its internal list of regulated substances, considering social issues and legal regulatory trends. In 2020, a total of 23 substances were included in the 'List of Regulated Substances for Internal Use,' effectively restricting their usage across all of the processes within our worksites. We actively pursue various initiatives to enhance chemical safety, including improvements in working environments and the development of substitute materials. Furthermore, we strictly adhere to the Chemical Substances Control Act, focusing on preventing accidents related to 10 substances known for their high acute toxicity, explosiveness, or potential for significant damage from chemical incidents.



Reducing Environmental Impact

Chemical Substance Pre-Evaluation Process



List of Regulated substances for Internal Use

Category	CAS. No.	Name of substance	Relevant standards
1	109-86-4	2-Methoxyethanol	OSHA (reproductive toxicity 1B), EU (reproductive toxicity 1B)
2	110-80-5	2-Ethoxyethano	OSHA (reproductive toxicity 1B), EU (reproductive toxicity 1B)
3	110-49-6	2-Methoxyethyl acetate	OSHA (reproductive toxicity 1B), EU (reproductive toxicity 1B)
4	111-15-9	2-Ethoxyethyl acetate	OSHA (reproductive toxicity 1B), EU (reproductive toxicity 1B)
5	111-96-6	Diethylene glycol dimethyl ether	OSHA (reproductive toxicity 1B), EU (reproductive toxicity 1B)
6	127-19-5	N, N-Dimethylacetamide	OSHA (carcinogenic 2/reproductive toxicity 1B), EU (reproductive toxicity 1B)
7	68-12-2	Dimethylformamide	OSHA (carcinogenic 1B/reproductive toxicity 1B), EU (reproductive toxicity 1B)
8	75-01-4	Vinyl chloride	OSHA (carcinogenic 1A/mutagenic 2), IARC (1), EU (carcinogenic 1A)
9	106-99-0	1, 3-Boutadiene	OSHA (carcinogenic 1A/mutagenic 1B), IARC (1), EU (carcinogenic 1A/mutagenic 1B)
10	107-13-1	Acrylonitrile	OSHA (carcinogenic 1B), IARC (2B), EU (carcinogenic 1B)
11	75-09-2	Dichloromethane	OSHA (carcinogenic 1B/mutagenic 2), IARC (2A), EU (carcinogenic 2)
12	110-54-3	Hexane	OSHA (reproductive toxicity 2), EU (reproductive toxicity 2)
13	75-26-3	2-Bromopropane	OSHA (reproductive toxicity 1A), EU (reproductive toxicity 1A)
14	106-94-5	1- Bromopropane	OSHA (carcinogenic 2/reproductive toxicity 1B), IARC (2B), EU (reproductive toxicity 1B)
15	67-66-3	Trichloromethane	OSHA (carcinogenic 2/reproductive toxicity 2), IARC (2B), EU (carcinogenic 2/reproductive toxicity 2)
16	71-43-2	Benzene	OSHA (carcinogenic 1A/mutagenic 1B), IARC (1), EU (carcinogenic 1A/mutagenic 1B)
17	79-01-6	Trichloroethylene	OSHA (carcinogenic 1A/mutagenic 2), IARC (1), EU (carcinogenic 1B/mutagenic 2)
18	78-87-5	1, 2- Dichloropropane	OSHA (carcinogenic 1A), IARC (1)
19	108-88-3	Toluene	OSHA (reproductive toxicity 2), IARC (3), EU (reproductive toxicity 2)
20	127-18-4	Perchloroethylene	OSHA (carcinogenic 1B), IARC (2A), EU (carcinogenic 2)
21	56-23-5	Carbon tetrachloride	OSHA (carcinogenic 1B/reproductive toxicity 2), IARC (2B), EU (carcinogenic 2)
22	75-21-8	Ethylene oxide	OSHA (carcinogenic 1A/mutagenic 1B), IARC (1), EU (carcinogenic 1B/mutagenic 1B)
23	50-00-0	Formaldehyde	OSHA (carcinogenic 1A/mutagenic 2), IARC (1), EU (carcinogenic 1B/mutagenic 1B)

Reducing Environmental Impact

Managing Impact of Hazardous Chemicals

Reinforcing Competence of Chemicals Managers | Samsung Display is actively engaged in enhancing the expertise of internal and external chemical management employees to ensure the safe use and management of chemicals. Internal chemical managers must complete the Manager Qualification Acquisition Course organized by a specialized educational institution under the Ministry of Environment. Chemical handlers are required to complete the Hazardous Chemical Handler Course. Additionally, all employees and personnel in supplier companies responsible for handling chemicals receive annual Chemical Practitioner Training to acquire professional competence and stay updated on the latest regulatory status. Suppliers working inside the company must undergo subcontract reporting to the Ministry of Environment, declaring that they will safely manage hazardous chemicals before handling them. Moreover, personnel with certified qualifications for handling hazardous chemicals are assigned to the worksite only after completing internal safety training, ensuring their qualifications and competency are verified multiple times. Furthermore, we operate our own Safety Manager Certification System. This certification system verifies the ability of employees and suppliers' safety managers to manage and supervise the safety of sites where chemicals are handled, ensuring that certified personnel are assigned to chemical handling operations.

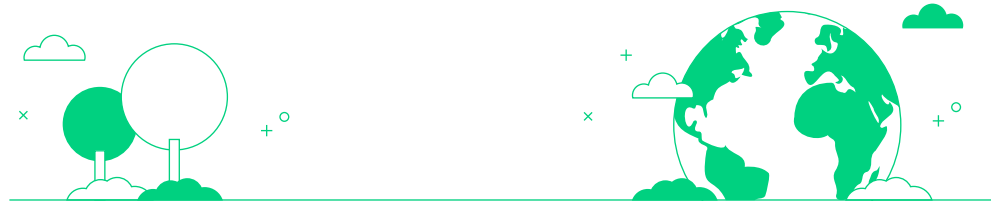
Two in a Box (Joint Responsibility System for Environmental Safety) | Samsung Display ensures that not only the working-level employees who actually handle hazardous chemicals but also executives or team leaders in the user departments receive mandatory legal training related to chemical management. The 'Two in a Box' system, which appoints responsible managers for hazardous chemicals by securing professional competence, has been implemented since 2020. As of 2023, 24 individuals have been appointed as responsible managers and are actively managing the process.

Ensuring Safe Chemical Management Through Cooperative Relationships with Local Communities | We conduct annual briefings for representatives of local communities near sites handling hazardous chemicals. These briefings provide information on the risks associated with the hazardous substances managed at our facilities and outline the evacuation plans for residents in case of chemical accidents. This initiative aims to maintain cooperative relationships through transparent communication.

Furthermore, we operate a Community Council to facilitate direct consultations with local communities, thereby creating a robust chemical safety management system. In preparation for and prevention of potential local chemical incidents, we develop emergency response plans tailored to the community and conduct joint training exercises. We also provide education for local residents to foster a safety culture in chemical accident prevention.



Briefings for local residents



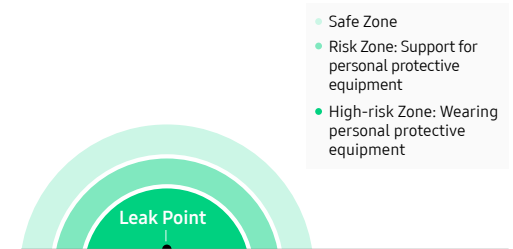
Reducing Environmental Impact

Rapid Chemical Leak Response System | Samsung Display implements swift emergency response and proactive measures to minimize the impact of chemical-related incidents. We operate a specialized emergency response department, Infra Risk Prevention (IRP), dedicated to ensuring prompt actions, especially in the event of hazardous chemical leaks. IRP is staffed with trained personnel and equipped with emergency response vehicles, facilitating the rapid establishment of an integrated situation room and 24/7 real-time monitoring to safeguard employee safety during emergencies. In addition to hazardous chemicals, we proactively prevent accidents involving general chemicals through equipment analysis, diagnostics, and standard setting. Our scenario-based emergency drills, conducted four times each month, contribute to maintaining our practical emergency response capabilities. Furthermore, we have implemented a comprehensive three-tier defense system designed to prevent chemical leaks from escaping and impacting the environment via stormwater drains. This system includes leak sensors, dikes, trenches, and sluice gates, all meticulously managed to minimize damage and environmental impact from contaminants.

Emergency Response of IRP

Specialized Emergency Response Department

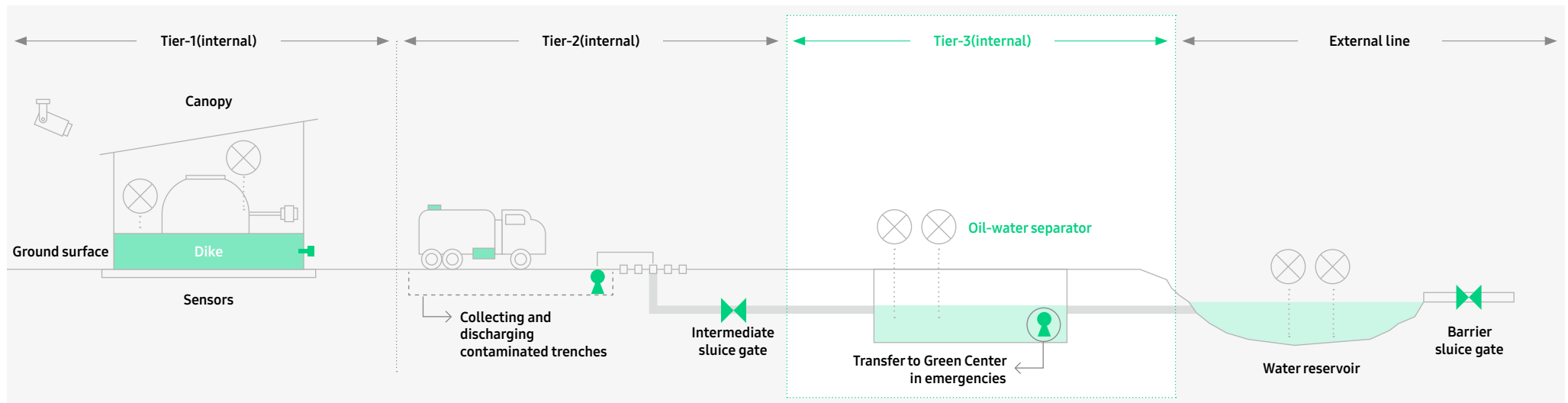
- Staffed with trained personnel and equipped with emergency response vehicles for chemical leaks
- Establishing integrated situation room (Asan 1 Infra Academy 1F)
- Call 3114 for leak report: 24/7 operation (Priority response for high-grade incidents)
- Access control line: Securing safety from leak point



Emergency Response (Chemical) Vehicles

Type	No.	Equipment holdings
Emergency response vehicles	2	30 types of equipment including measuring tools
5-ton special vehicles	2	60 types of equipment such as welding machines and ventilators
Tank truck	1	Loading capacity of 10 tons

Three-tier Defense System for Chemical Leaks



Water Management

Recognizing the critical importance of securing water resources for ensuring business continuity, Samsung Display strives to practice water stewardship. Efforts include reducing water consumption and expanding water reuse to effectively utilize water resources.

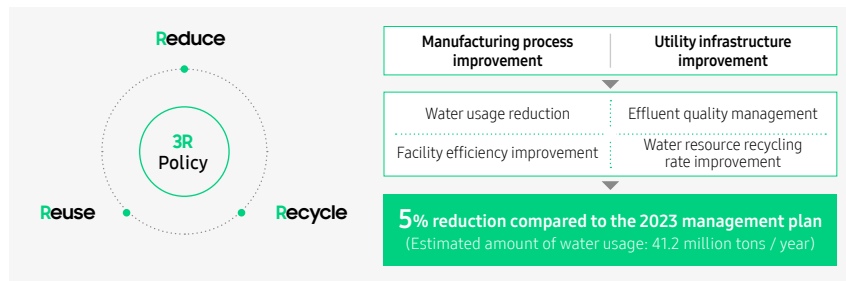
Water Management System and Activities

Water Management System and Activities

Governance Framework and Process for Water Management

Roles of Decision-making Bodies and Top Management | Samsung Display convenes quarterly meetings of the CEO-led SDC / DS Environment Safety Committee to oversee comprehensive water resources management. This committee, within the Board of Directors responsible for sustainability agendas, includes general manager from Samsung Electronics' DS division, along with Samsung Display's CEO, CFO, CSO, and other board members. It deliberates on policies for the 3R (Reduce, Recycle, Reuse) strategy, establishes goals related to water resources, and examines potential water-related risks and opportunities impacting the company holistically. As chairman of the SDC / DS Environment Safety Committee, the CEO regularly receives reports on potential water-related risks. The CFO chairs the Risk Committee, which meets quarterly to identify, assess, and adapt policies, goals, and improvement initiatives in response to water-related risks. Assessment outcomes on water-related risks are integrated into our mid-to-long-term planning and reported to the Board of Directors on a quarterly basis.

3R Policies and Activities



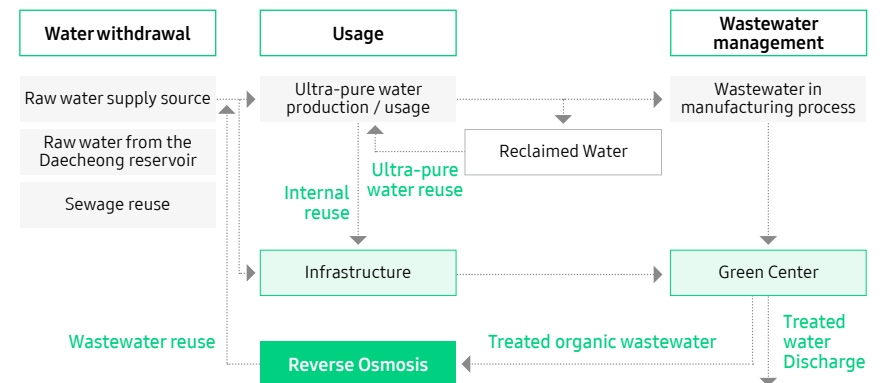
Water Usage and Treatment | Water usage and treatment can significantly impact the local community where businesses operate, underscoring the importance of community collaboration. Samsung Display's Asan campus has taken proactive steps by subscribing to environmental liability insurance to minimize potential damage to the local community in the event of environmental accidents. Also, the campus aims to reduce the sensitivity of local water resources, utilizing industrial water sourced from Daeyeong raw water, recycled water from wastewater, and water recycled from sewage processed at the Asan Water Environment Center.

Top Management
Overseeing Water
Resources
CEO

The industrial water goes through an ultra-pure water (UPW) process and is used in display production. The used ultra-pure water undergoes reclaimed water for recycling. Any remaining water that cannot be reused after post-treatment of ultra-pure water is classified as organic / inorganic / FT wastewater and discharged to the Green Center. The biologically treated organic wastewater goes through a reuse system before being utilized as industrial water again, while inorganic / FT wastewater is treated chemically and biologically to remove contaminants before being discharged into rivers. The final discharged water quality is strictly monitored through water analysis, ecotoxicity tests, and real-time remote monitoring systems, and organic substances are discharged at levels below 30% of the regulatory standards outlined in Water Environment Conservation Act to minimize the impact on the surrounding ecosystem. The final sludge (sediment) generated during the water treatment process before discharge is classified and recycled based on its properties and conditions. Inorganic/organic sludge is recycled for cement manufacturing, and 439 tons were recycled in 2023.

We are developing high-concentration fluoride pretreatment technology to enhance treatment efficiency and reduce waste generation. Efforts are also underway to develop eco-friendly technologies for recycling CaF₂ generated during pretreatment as an alternative to fluorite. Moreover, eco-friendly deodorization technologies have been implemented to address odors from wastewater treatment processes, resulting in a 15% reduction in average odor emissions from discharge outlets, thereby minimizing impact on the local community.

Water Management Process at Asan Campus



Water Management

Water Management System and Activities

Water Management Activities

Water Conservation Efforts | Samsung Display is implementing 3R activities for water resource conservation to practice water stewardship. Each year, after estimating the amount of water usage based on the business plan, we set a target to reduce water consumption by 5% compared to the projected usage and carries out activities to reduce water withdrawal. Water consumption prediction is calculated by determining the unit usage for each product and multiplying it by the planned production quantity for each product. As the unit usage varies for each product, the target may differ based on the annual planned production quantity and unit water consumption. In 2023, we plan to increase the operating rate of wastewater reuse facilities to a maximum of 10,283 tons per year to expand the reuse rate. To achieve efficient water conservation, we utilize a Facility Monitoring Control System to monitor and aggregate real-time data across our entire production process, tracking both water withdrawal at each facility and discharged water amounts. This allows identification of areas where water usage can be reduced. The withdrawal water is continuously monitored in real-time for water quality parameters such as TOC, Cl, pH, and turbidity using automatic measuring and analysis equipment. The discharge water quality is monitored through two methods: the tele-monitoring system and in-house laboratory analysis. Internal standards, which are more stringent than legal regulations, are established and enforced for managing the discharge water quality.

Recognizing our efforts and achievements in expanding the use of treated wastewater as industrial water, our initiatives were highlighted by KBS media on World Water Day in March 2023, followed by receiving the Minister of Environment Award at the Environment Day event in June 2023.

R&D Investment | Samsung Display is investing in initiatives aimed at reducing water consumption to advance towards a circular economy, focusing on increasing water recycling and reuse rates. In 2023, we conducted a comprehensive verification of the entire UPW process to reassess our water reuse logic and implemented automation for real-time monitoring and management. Moreover, investments in manufacturing facility processes, such as the installation of bulkheads, resulted in a total reduction of water usage by 7,101 tons per year. We also expanded the use of treated wastewater through collaboration with the Asan Water Environment Center. Additionally, we are planning to increase water recycling rate with developing treatment technology of RO¹⁾ concentrate and R-MF²⁾ backwash wastewater.

1) RO (Reverse Osmosis): A facility that utilizes reverse osmosis to remove impurities such as ions and TOC from water
2) R-MF (Recovery Micro Filter): A facility used to remove suspended solids from BAC production water

Total Water Consumption in 2023
2,381
thousand tons

Total Water Reuse in 2023
96,771
thousand tons

Key Activities to Reduce Major Ion Chemicals (sulfuric acid, chlorine, fluoride)

- ① Development of a chemical filter
- ② Process improvements
- ③ Securing crystallization technology

World Water Day Event: Promoting Ecosystem Conservation in Asan

HIGHLIGHT

We marked World Water Day (March 22) with an event held on March 21, 2024. Activities encompassed streamlet cleaning, aquatic and herbaceous species planting, and initiatives to eliminate invasive plants to safeguard native biodiversity. Our goal was to heighten awareness among local residents about the critical role of water management in ecosystem conservation.



Ecosystem conservation activities on the World Water Day

Minimizing Water Pollutants for Water Quality Management | Samsung Display rigorously manages water pollutants that could negatively affect aquatic ecosystems and human health, analyzing the impact of relevant laws and regulations in the regions and countries where its production facilities are located. We develop and implement technologies to reduce water pollutants, and we measure the water quality of nearby streams monthly at Asan campus. Both upstream and downstream areas around discharge outlets are monitored to ensure an accurate assessment of the impact of discharged water. Our analyses are conducted in accordance with standard testing methods established by the Ministry of Environment. When discharging wastewater directly into sewers, we adhere to internal standards that are stricter than legal requirements. Additionally, we are actively working to replace or reduce the use of inorganic pollutants generated during manufacturing processes and infrastructure operations.

Establishing a Multi-Layer Barrier System for Water Pollution | Samsung Display has implemented a three-tier barrier system across its wastewater treatment plants to reduce the discharge of water pollutants and protect from potential environmental accidents. This system prevents chemical leakage using dike of storage tank, trench of chemical room, and surrounding water reservoir. Each barrier operates within a multi-layer defense mechanism, which measures water pollutants in real-time and activates emergency recovery if concentrations exceed acceptable levels.

Water Risk Assessment

Water Resource Management in Water-Stressed Areas

Water Materiality Assessment | Samsung Display primarily uses freshwater for production processes, utilities, and domestic purposes. In manufacturing, insufficient quantity or degraded quality of water can increase the defect rate of OLED products, disruption to production, and sharply raise water treatment costs. Furthermore, suppliers within our value chain rely heavily on freshwater for their production. So, water shortages could damage supply chain of key materials, components, and equipment to us. Given the significant impact of freshwater availability and quality on our business operations, we assess mid-to-long-term water risks and monitor water withdrawal and usage at both domestic and overseas campuses.

Identification and Management of Water-Stressed Areas | Samsung Display utilizes the Aqueduct Tools developed by the World Resources Institute (WRI), which consider eight factors influencing water availability, including water scarcity, seasonal variability, drought risk, and coastal flood risk. Leveraging this tool, we evaluate water stress levels at each facility location and establish appropriate response plans and objectives.

Based on this assessment, Bac Ninh, where Samsung Display Vietnam (SDV) is situated, has been categorized as facing 'Very High' water risk, primarily due to water scarcity. In response to these risks, SDV has set a target to reduce water usage by 5%, with a goal of saving 296,000 tons annually. Furthermore, SDV is actively promoting initiatives to increase water recycling rates and expanding water resource management activities in collaboration with headquarters. For other locations hosting domestic campuses and overseas subsidiaries, although current water stress levels are not significantly high, we are exploring various technologies and methods to proactively prepare for potential water resource risks.

Developing Mid-to-Long-Term Response Strategy Based on Water Risk Scenario Analysis | Samsung Display is committed to identifying, evaluating, and managing water-related risks that could potentially impact business operations over the mid-to-long-term. In this regard, we employ the WRI Aqueduct Tool to assess water risk scenarios, including the 2°C scenario. According to the 2°C scenario, risks such as floods and water quality degradation are expected to adversely affect facilities in South Korea, China, and Vietnam from 2030 to 2040. In response, we are actively formulating and evaluating various corresponding response strategies.

Response Strategies Based on Water-Related Risks and Opportunities

Category	Country	Type	Response strategy
Physical Risk	Republic of Korea	Flood	<ul style="list-style-type: none"> - Creation of wetlands and installation of embankments around the campus to prepare for river flooding - Annual coverage / renewal of disaster compensation insurance - Regular inspection of flood prevention equipment
	India	Water quality deterioration	<ul style="list-style-type: none"> - Enhancing the frequency of periodic water quality analysis - Efficiency Improvement in water treatment facilities
	All regions	Water quality deterioration	<ul style="list-style-type: none"> - Securing of normal water quality through water withdrawal pre-treatment process
Transition Risk (Regulation)	All regions	Water cut off	<ul style="list-style-type: none"> - Securing of dual water withdrawal facilities to prevent production delays - Installation of drainage facilities
		Changes in water use and emission regulations	<ul style="list-style-type: none"> - Adhering to strengthened internal standards compared to legal discharge standards in each country
		Legislation of efficiency standards	<ul style="list-style-type: none"> - Reviewing water resource efficiency when constructing a new facility - Investment in equipment for improving efficiency of existing facilities
Transition Risk (Reputation)	All regions	Uncertainty of new regulations	<ul style="list-style-type: none"> - Ongoing monitoring of global environmental regulations
		Litigation related to drainage	<ul style="list-style-type: none"> - Ongoing monitoring of effluent - Early establishment of an environmental management system when securing new campuses
Opportunities	All regions	Increasing water efficiency	<ul style="list-style-type: none"> - Process water reuse, optimal water usage, and continuous optimization of water use within internal infrastructure

Biodiversity

Samsung Display minimizes its impact on the ecosystem and fulfills its responsibility through systematic conservation activities. These efforts aim to ensure that present and future generations recognize the importance of nature and biological resources, enabling sustainable use of ecosystem resources.

Biodiversity Conservation

Ecosystem Management to Enhance Biodiversity

Installing 'Ecological Plant Islands' for Reservoir Management | Samsung Display preserves reservoirs within industrial complexes and manages them to uphold ecological diversity. To safeguard water quality, aquatic plants are cultivated within the reservoirs, and 'ecological plant islands' have been installed, managed in accordance with plant life cycles. In order to ensure these efforts are effective, annual weed control operations are conducted in February and March to prevent weed influx and proliferation, maintain plant species, and enhance the aesthetic appeal of the landscape. Additionally, we maintain pristine reservoir conditions by introducing treated water from the Green Center, overseen by a dedicated team of domestic and international experts, including individuals with advanced degrees (master's and ph.D) and skilled technicians who rigorously manage the facility.

Safeguarding Ecosystem in Karakpawi-soryuji | Karakpawi-soryuji, situated near the Asan 1 Campus, is a recreational park established by Samsung Display for the enjoyment of employees and local residents. Additionally, it functions as a habitat for diverse wildlife species. To educate visitors and promote biodiversity and ecosystem conservation, informational boards have been installed throughout Karakpawi-soryuji. These boards provide details about the park's flora, fauna, and fish species. This initiative underscores our dedication to preserving local biodiversity and safeguarding the ecosystem.



Installing ecological plant islands for reservoir management



Information boards at Karakpawi-soryuji



EM Earth Ball Throwing Event for Local Ecosystem Conservation | In collaboration with the residents' association of Sinchang-myeon, Asan, Chungnam, and 20 children, we organized the 'EM Earth Ball Throwing Event' as part of our efforts to conserve the ecosystem around Nambangje. During the event, we collected abandoned agricultural plastic waste, and participants threw EM Earth Balls into the reservoir to purify its water quality. The term 'EM' stands for Effective Microorganisms, which work synergistically to cleanse the environment as a unified organism. The 'EM Earth Ball' consists of EM liquid and yellow soil, renowned for its effectiveness in water purification, odor removal, and the decomposition of organic matter. Moving forward, we remain committed to exploring diverse activities aimed at sustainable conservation of the local ecosystem and biodiversity, while fostering collaborative relationships with the community.



Earth Ball throwing event

10th MOU for Conserving Sohwang Sand Dune Ecosystem and Volunteer Activities in First Half of 2024

HIGHLIGHT

Since 2009, Samsung Display has partnered with the Geumgang Basin Environmental Agency on the Sohwang Sand Dune ecological conservation project. Located in Woongcheon-eup, Boryeong City, Chungnam Province, the Sohwang Sand Dune is a coastal sand dune formed by wind-driven sand movement. It is designated as an ecological and scenery conservation area and a marine scenery protection area, home to legally protected species such as the Chinese egret, Eurasian oystercatcher, and Far Eastern curlew. Following the expiration of the 9th Memorandum of Understanding (MOU) in March 2024, Samsung Display, alongside nine organizations including the Geumgang Basin Environmental Agency, Boryeong City, and the Boryeong Sustainable Development Council, signed a new 10th MOU to collaborate on ecological and scenery conservation efforts. In April 2024, over 150 participants, including Samsung Display employees and local residents of Boryeong City, participated in volunteer activities aimed at conserving the Sohwang Sand Dune's ecosystem. Similar conservation volunteer activities are scheduled for the second half of 2024, aimed at strengthening relationships with local stakeholders and promoting environmental awareness.



Volunteer activities aimed at conserving the Sohwang Sand Dune's ecosystem

Biodiversity Risk Management Near Campus

Species Management Around Campus | The production activities and operations of businesses have direct and indirect impacts on ecosystems through resource consumption, chemical usage, and waste generation. We recognize that inadequate ecosystem management can lead to disruptions in nearby ecosystems, deterioration of water quality, and environmental degradation, potentially affecting the availability of raw materials and ultimately impacting the long-term sustainability of the company. Therefore, we conduct an annual environmental impact assessment to monitor and implement improvement activities for ecosystem management, aiming to minimize potential negative impacts during our business operations. As part of these efforts, we continually remove species that disturb the ecosystem while protecting those that require conservation efforts.

Environmental Impact Assessment Follow-Up near Asan Campus | Samsung Display conducts annual environmental impact assessments in the vicinity of Asan Campus, focusing specifically on Gal-san Ri, Myeongam Ri, and Yongdu Ri in Tangjeong-myeon, Asan-si, Chungnam Province. These assessments aim to comprehensively assess the impacts of our business activities on the natural ecosystem and to proactively mitigate associated risks. Considering the environmental characteristics of the area, we conduct surveys to evaluate the current status of flora and fauna, analyzing detailed impacts on key species and populations anticipated to be significantly influenced by our operations. Based on these assessments, we develop strategies to mitigate environmental factors and enhance our environmental stewardship practices.

The Environmental Impact Assessment Follow-Up conducted in 2023 revealed minimal environmental impacts from our operations, remaining within regulatory standards without adversely affecting species populations. In cases where disruptive plant species were identified, we employed physical removal methods while ensuring minimal disturbance to surrounding soils and forests. For two species showing indications of substantial reproduction, ongoing monitoring will guide the development of specific measures.



Removal of Prickly Lettuce



Removal of Hops



Removal of Giant ragweed



Removal of Frost aster

Outcomes of Environmental Impact Assessment Follow-Up near Asan Campus

Category	Ecosystem around campus	Outcomes
Vascular plants	240 taxa (72 families, 180 genera, 200 species, 1 subspecies, 35 variants, 4 varieties)	Due to construction activities within the industrial complex, there has been a slight decrease in no. of species compared to the environmental impact assessment. It is anticipated that no. of species will increase once the construction is completed.
Mammals	7 families and 8 species (1 legally protected species: Otter - Endangered Wildlife Class I, Natural Monument no. 330)	Compared to the environmental impact assessment, the no. of species remains similar. The impact from the project implementation is found to be minimal, largely due to their activities around the river area.
Birds	30 families, 50 species (2 legally protected species: Mandarin duck - Natural Monument no. 327 Common kestrel - Natural Monument no. 323 -8)	Compared to the environmental impact assessment, the no. of species has increased. Mandarin ducks and common kestrels are primarily found on the eastern side of the project area, and the anticipated impact from the project implementation is minimal.
Amphibians	7 families and 8 species (No legally protected species)	Compared to the environmental impact assessment, there has been a slight decrease in no. of species. This is assessed to be due to temporary avoidance behaviors during project implementation. It is anticipated that no. of species will be recovered once the construction is completed.
Insects	11 orders, 39 families, 82 species (No legally protected species)	Compared to the environmental impact assessment, there has been a slight decrease in the no. of species. This is attributed to habitat loss and reduced food sources due to vegetation disturbance caused by the project implementation. It is anticipated that the no. of species will recover once the construction is completed.
Fish	6 families and 22 species (No legally protected species)	Compared to the environmental impact assessment, the no. of species increased. The impact from the project implementation is found to be minimal.
Attached algae	61 taxa (No legally protected species)	Compared to the environmental impact assessment, the no. and composition of species are similar. It is anticipated that the current status of Gogyocheon, characterized by lower water quality grades and mixed stagnant and flowing zones, is being reflected rather than significantly impacted by the project implementation.
Benthic macroinvertebrates	47 families and 77 species (No legally protected species)	Compared to the environmental impact assessment, the no. of species increased. The impact from the project implementation is found to be minimal.
Ecological disruptors (plant)	4 species (Hops, Giant ragweed, Prickly Lettuce, Frost aster)	Compared to the environmental impact assessment, there has been a reduction in the number of species. Species identified within the project area have been physically removed, with no additional forest damage occurring. Ongoing efforts in landscape and slope restoration are expected to stabilize green areas in the years ahead.
Ecological disruptors (animal)	2 species (Largemouth bass, Red-eared slider)	The two identified ecological disruptors confirmed this time were previously kept as pets, illegally released around reservoirs and rivers, leading to their spread. Upon confirming signs of substantial reproduction, specific measures will be developed and implemented.

Sustainable Products

Samsung Display's products encompass both functional quality aspects, such as brighter and sharper resolution, and sustainability considerations that encompass the environment, resources, and people. We strive to develop products that meet consumer preferences while focusing on low power consumption and low carbon emissions.

Advanced Technologies and Innovation for Sustainable Future

Energy Efficiency Secured by High-Performance and Low Power Consumption

UT Oxide OLED Panel | Samsung Display has introduced the UT Oxide OLED panel, incorporating advanced power-saving technologies. This panel features a newly developed Thin Film Transistor (TFT) that regulates current flow more efficiently using 100% oxide materials. Compared to amorphous silicon, the oxide in the UT Oxide OLED panel enables electrons to move approximately ten times faster with minimal current leakage. Reduced current leakage allows for a refresh rate¹⁾ as low as 1Hz, effectively eliminating flickering during display operation. This groundbreaking achievement minimizes power consumption through lower refresh rates, contributing significantly to energy efficiency.

¹⁾ Refresh rate: The refresh rate indicates how many scenes the screen displays per second. A higher refresh rate allows for smoother and more seamless viewing experiences. However, in circumstances where screen transitions are infrequent, such as document processing, reducing the refresh rate maximizes energy efficiency

Multi Frequency Driving (MFD) | We have successfully developed technology that supports optimized frequencies for each screen area when dividing one screen into two or more contents, thereby reducing power consumption. This technology is especially well-suited for foldable devices that frequently split the screen. In inactive screen areas, we can operate at frequencies below 30Hz, significantly reducing power consumption compared to previous technologies and extending battery life.



UT Oxide OLED Panel



Multi Frequency Driving (MFD)

Presidential Award for Korean Technology for Ultra-Low-Power Display Technology

HIGHLIGHT

From December 6th to 8th, 2023, at COEX in Seoul, Samsung Display proudly received the Presidential Award for Korean Technology and the Bronze Tower of the Order of Industrial Service Merit at the 2023 Korea Industrial Technology R&D Exhibition. This prestigious event, organized by the Ministry of Trade, Industry and Energy, serves as a platform to showcase the R&D innovations achieved through industrial technology innovation projects.

The Presidential Award for Korean Technology honors exceptional new technologies / products distinguished by their outstanding technical achievements and significant industrial impact. Our Ultra-Low-Power Smartphone Process and Driving Technology was recognized with this esteemed award, lauded for its innovation and excellence. Notably, the Presidential Award is considered the highest honor in collective recognition. The technology, branded as 'Adaptive Frequency,' automatically adjusts display refresh rates based on user environments to minimize overall power consumption, positioning itself as a pivotal technology in premium smartphones both domestically and globally.

The Bronze Tower of the Order of Industrial Service Merit is bestowed upon industrial technologists who contribute to pioneering innovative technologies and establishing foundations for technological innovation. Vice President Choi Jae-beom was honored for his excellence in securing the mass production technology for the world's first 55 / 65-inch QD-OLED Display, leading advancements in QD-OLED TV / monitor technology, and spearheading eco-friendly QD-OLED Display products with reduced power consumption.

We are expanding our ultra-low-power process and driving technologies to extend our product lineup from smartphones to tablets, notebooks, and other IT devices. Moving forward, we remain committed to developing unprecedented technologies with enhanced completeness, and continue to contribute to a sustainable future through the launch of environmentally and socially conscious products.



Presidential Award for Korean Technology



World's first mass production technology for the QD-OLED Display

Enhanced Durability: Driving Environmental Impact Reduction

In & Out Flip | The 'In & Out Flip' integrates both 'flip phone-type foldable' and 'in & out foldable' technologies, allowing for a 360-degree foldability in both inward and outward directions. This feature enables users to retrieve information even when the display is folded, utilizing a single screen. This innovation also facilitates a lighter and thinner design, addressing consumer preferences for slimmer bar-type smartphones and alleviating concerns about the bulkiness of foldable products. The technology is designed to withstand folding at temperatures as high as 60°C or as low as -20°C, while maintaining durability against activities such as basketball bouncing or water immersion. This enhanced durability significantly enhances product quality, reducing defect rates and minimizing the need for customer repairs and part replacements. Consequently, this approach not only lowers resource consumption but also diminishes environmental impact.



Durability test for 'In & Out Flip'



Jang Yeong-Shil Award for World's First QD-OLED Vacuum Laser Drill Equipment

HIGHLIGHT

The 'iR52 Jang Yeong-Shil Award', conferred by the Ministry of Science, ICT, and Future Planning, recognizes companies and technology developers who drive industrial innovation through the successful commercialization of groundbreaking technologies. Samsung Display received this prestigious award for its collaboration in research and development with partner companies, culminating in the pioneering development of world-first and super-gap equipment.

The creation of the 'World's First QD-OLED Vacuum Laser Drill Equipment' addresses key challenges in QD-OLED mass production, such as addressing issues like uneven brightness and increasing driving voltages associated with larger screen sizes. This innovation significantly enhances global image quality standards. Through the integration of advanced high-vacuum technology and precision laser processing, we have successfully deployed leading-edge equipment crucial in premium-grade IT OLED production. Moving forward, we aim to broaden the applications of this achievement.



Extreme Robo Challenge Zone in MWC

HIGHLIGHT

Samsung Display participated in Mobile World Congress (MWC) 2024, the world's largest telecommunications exhibition held in Barcelona, Spain from February 26 to 29, 2024, under the theme 'OLED Vibes'. The exhibition featured five distinct areas highlighting cutting-edge display technologies and envisioning new everyday experiences.



Extreme Robo Challenge

A standout feature was the 'Extreme Robo Challenge Zone' at Samsung Display's booth entrance, where a robot dressed as a chef welcomed visitors. This robot conducted rigorous tests to showcase the durability of Samsung Display's foldable panels, captivating the audience.

Adapted from a robot originally used in Vietnam's production line for inspections, the modified robot interacted with visitors using a 9.4-inch round OLED display, demonstrating various facial expressions. It underscored the panel's robustness and waterproof capabilities by washing it with water, simulating knife strikes, and even sprinkling real salt and pepper. Adjacent to the robot, a kitchen setup included a freezer set at -20°C and a heat chamber at 60°C, demonstrating folding tests under extreme temperature conditions, further impressing attendees.

Highlighting AR / VR Readiness at CES 2024

HIGHLIGHT

Samsung Display introduced 'OLEDoS' (OLED on Silicon) at CES 2024, the world's largest consumer electronics and IT show held in Las Vegas, USA, on January 9, 2024. OLEDoS represents a key technology for XR headsets, which are experiencing rapid growth, achieved by depositing organic materials on silicon wafers to achieve pixel sizes at the sub-tens of micrometers (µm), enabling ultra-high-definition displays.

The RGB OLEDoS showcased by Samsung Display at CES boasts the highest resolution among industry announcements, with a pixel density of 3,500 pixels per inch (PPI) in a compact 1.03-inch form factor, roughly the size of a KRW 500 coin. This technology deposits red, green, and blue OLEDs individually on a silicon wafer to produce color without separate light sources, delivering resolution comparable to a 4K TV.



Realization of the OLEDoS technology

Social

54

Material Issue 2
Safety and Health
Management

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Material Issue 3
Supply Chain Sustainability
Management

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Material Issue 4
Human Rights
Management

77

Human Resources
Development

80

Work & Life Balance

85

Impact on
Local Communities

91

Quality Management

Safety and Health Management

Samsung Display's Global Infra General Manager serves as the Chief Safety Officer (CSO). We have made it mandatory to reflect 'Safety and Health Goals' in the executive management objectives every year, and established a system to evaluate these goals, emphasizing that environmental safety is the fundamental principle of management.

Governance

Governance Structure for Safety and Health Management

Roles of the Decision-making Body and the Top Management | As the company's Chief Safety Officer (CSO), Samsung Display's Global Infra General Manager has established the 'Regulations on the Responsibilities and Authorities of the Chief Safety Officer' to implement the safety and health management system independently, and solidified the roles of the CSO through reporting to the Board of Directors. In addition, safety and health plans and performance are reported and approved by the Board of Directors every year to establish and implement the safety and health management system, including necessary personnel and budget for disaster prevention. Inspections on the safety and health mandatory implementation system are conducted semi-annually, and the safety and health budget committee meetings are convened quarterly. We have made it mandatory to incorporate 'Safety and Health Goals' in the annual executive management objectives, and established a system to evaluate them, thereby strengthening the authority of the CSO.

Additionally, the Industrial Safety and Health Committee, with the participation of the Global Infra Technology Unit and employee representatives, is established to deliberate and make decisions on important safety and health matters. Environment Safety Meetings are also held every month to discuss major safety and health issues and accident prevention activities are carried out for domestic business sites and overseas subsidiaries.

Roles of Dedicated Organization | We strengthen our safety and health management system by placing the Environmental Safety Center directly under the Chief Safety Officer (CSO), engaging in activities such as safety and health-related personnel management, budget, and evaluation system. The organization dedicated to safety consists of the Environment Safety Technology Team, which formulates the company-wide environmental safety standards and monitors relevant regulations under the Environment Safety Center, the Asan Environment Safety Team, which provides close support for production organizations and campuses, and the Environment Safety Operation Departments (Cheonan, Giheung, Infra) under the direct supervision of the center. Additionally, in order to ensure competency in job performance, we operate a job competency training system in the fields of safety, health, disaster prevention, and environment, as well as dispatch domestic experts to overseas subsidiaries to support the establishment and operation of environmental safety management systems.

Safety and Health Management Certification Status * The ratio of acquiring ISO 45001 at manufacturing sites: 100%

Category	SDV (Vietnam-Bac Ninh)	SDD (China-Dongguan)	SDT (China-Tianjin)	SDN (India-Noida)	Headquarters (Giheung, Asan, Cheonan)
ISO 45001 (Safety and Health Management System)	2021.09.11-2024.09.13	2022.09.26-2025.07.16	2023.01.17-2025.12.05	2021.10.20-2024.10.19	2022.11.09-2025.11.08

GOVERNANCE

Top Management Responsible for the Supervision of Safety and Health Management

CSO

Organization Dedicated to Safety and Health Management
Environment Safety Center

Key Agenda Items for 2023 Board of Directors

Safety and Health Plans

- ① Safety and Health Management Policy
- ② Composition, Personnel, and Role of the Safety and Health Management Organization
- ③ Budget and Facilities related to Safety and Health
- ④ Previous Year's Achievements and Plans regarding Safety and Health Activities

Organizational Structure for Safety and Health Management



Safety, Health, and Environment Management Policy | We have established and are implementing a 'Safety, Health, and Environment Management Policy' to create a culture placing safety and health first. The policy has been posted in prominent locations such as the company website, campus entrances, and workplaces to ensure that all employees can access and comply with our safety, health, and environment management policy. Furthermore, we set up rules regarding the safety and health management system and disclose them through the in-house portal 'e-Spec 2.0'. The rules were established to maintain and enhance safety and health of all our business sites, as well as to comply with relevant legal requirements. The rules also cover conducting related training, preventing subcontractor accidents, taking measures for hazardous machinery, managing process safety, and overseeing hazardous operations.

[Samsung Display Safety, Health, and Environment Management Policy](#)

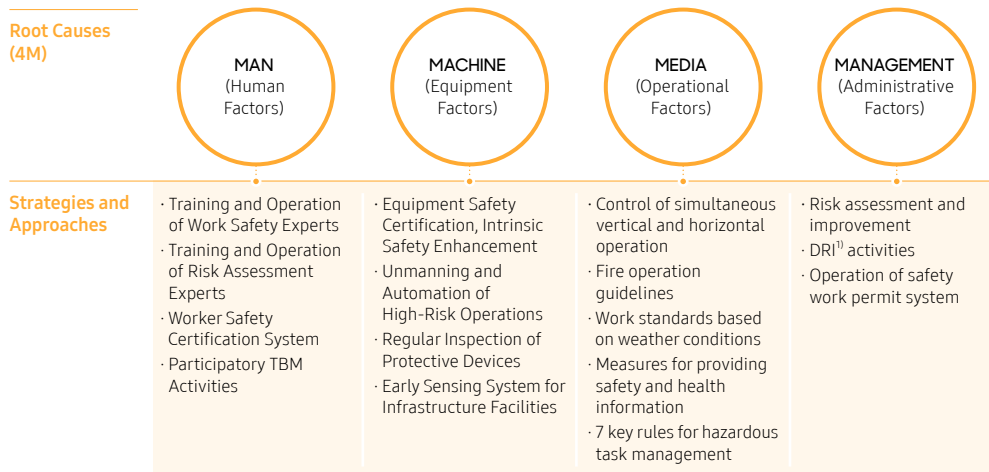
Safety and Health Management

Strategy

Strategies to Respond to Key Risks and Opportunities Associated with Safety and Health Management

Accident Prevention System | We prioritize the safety of all employees and strive to foster a safety culture where everyone participates and intervenes actively when colleagues are at risk. All campuses have forged a safety and health management system that systematically manages and mitigates risk factors, and have obtained the international standard ISO 45001 (Occupational Safety and Health Management System) certification. Campuses subject to Process Safety Management (PSM) prepare process safety reports for equipment and facilities that handle and store hazardous substances according to legal standards, and submit the reports to the Korea Occupational Safety and Health Agency for evaluation. Furthermore, Samsung Display recognizes the root causes of accidents using the 4M (Man, Machine, Media, Management) factors and promotes accident prevention through essential measures such as eliminating tasks or replacing hazardous materials, engineering measures such as protective devices and local exhaust systems, administrative measures such as work permit systems and DRI, and the provision of excellent protective gears through protective gear research groups. The S-TRA technique was developed to assess risks, and in 2023, 50% of job hazard assessments switched to the S-TRA Tool.

Management Strategies Tailored to Root Causes of Accidents



1) DRI (D-1 Risk Inspection): Conducting review of hazardous and risk factors of the work and establishing safety measures prior to commencing the work

Operation of Safety Management Programs by Root Causes of Accidents (4M) | We operate various programs to specialize and advance the safety management system to achieve a safe working environment.

Man – Safety Officer for Hazardous Operations | We appoint safety officers for all hazardous operations on campuses to prevent potential safety accidents. Safety officers are responsible for directly checking the conditions of safety measures in place at hazardous work sites, and have the authority to immediately halt operations and take corrective measures upon identifying unsafe behaviors or conditions. Safety officers are selected only among individuals who have obtained in-house certification and are assigned roles focused solely on safety management operations during hazardous operations. In-house certification training is conducted in five categories (general, fire, hazardous substances, confined spaces, heavy machinery), and in 2023, 9,641 partner employees completed the training.

Machine – Access Floor Grating Installation Robot | In order to automate and realize unmanned cleanroom construction, we have developed a robot that replaces grating during access floor installation, and successfully promoted its application on-site. By improving the safety and productivity of the previously existing robot, the Grating Installation Robot 2.0 was piloted in the project line. This approach has minimized the involvement of on-site personnel, thereby eliminating risks such as finger injuries. It also anticipates the prevention of musculoskeletal disorders, which are a concern due to the repetitive installation of heavy grating (weighing 11~16kg).

Machine – Facility Safety Certification | We operate a facility safety certification system and a production facility electricity Qual certification system for all new, modified, and relocated facilities, ensuring compliance with domestic legal standards and international standards for safety. From the planning stage to the operational stage, we conduct multiple verification processes such as ‘pre-order verification,’ ‘interim inspection prior to campus entry,’ and ‘inspection of facility installation’ to eliminate the source of risk factors. Aside from these, safety inspections are conducted on facilities in operation, such as ‘on-site verification of proper functioning of safety devices’ to proactively identify and improve potential accident risks.

Facility Safety Certification Stage

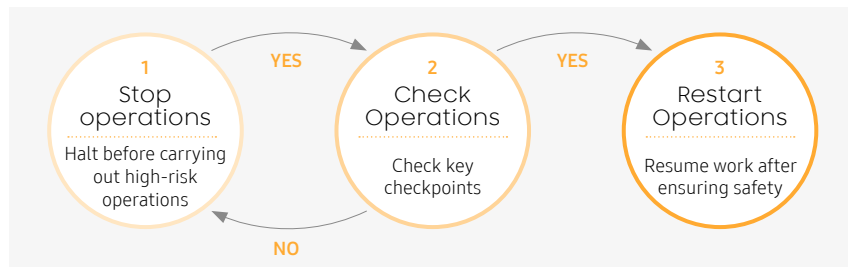
Planning Stage	Design Stage	Production Stage	Installation Stage	Operational Stage
Sharing of production specifications - Environmental safety specification	Facility Specification Meeting (Q&A) Pre-order specification - Domestic laws and international standards	Acquisition of inspection safety mark before facility entry - One of S mark, CE and SEMI-S2 Electromagnetic wave test	Safety management plan briefing and in-house certification - Inspection before facility operation - Mitigation of facility risk factors Management of dangerous operations - Entry / Transfer / Assembly	Facility safety activities - Risk assessment - Facility training - Compliance with SOP for tasks - Inspection of safety device

Safety and Health Management

STRATEGY

Media –7 Key Rules for Hazardous Task Management | We have identified seven operations that carry a high risk of serious accidents (handling heavy objects, dealing with hazardous substances, working in confined spaces, performing hot work, electrical work, working at heights, and internal work). We carry out these operations according to a three-step procedure outlined in our manual. Firstly, in the ‘Stop’ phase, operations are halted before engaging in high-risk tasks. The second ‘Check’ step involves verifying key safety checkpoints, followed by the third ‘Restart’ phase where the work is resumed. This system assigns responsibility to supervisors and safety officers for practicing the 7 key rules of hazardous task management to prevent accidents in advance.

High-risk Operations Process



Management – Establishment of Samsung Safety License System for Workers | To ensure a safe campus environment, we implemented a system to issue Samsung Safety Licenses to partners who completed individual training and certified work, and in 2023, a total of 11,903 people obtained licenses. In addition, a daily reporting system on the status of partner companies violating regulations were established to create a culture of compliance. These activities are established and operated systematically.

Management – Establishment of a System to Eliminate Serious Accident Risk Factors | We promote risk elimination activities to maintain a zero serious accident record. We have defined six major risks that can occur during the company’s production activities (falling, jamming, inhalation / exposure, fire / explosion, suffocation, and electric shock), and conduct in-depth analysis of risks associated with each task and carry out risk assessments and improvement activities to address the identified risks. Through the establishment of a Risk Hedge system in 2023, risks are visualized and managed effectively.



Number of Samsung Safety License Holders

11,903



Awarded for Best Practices for Risk Assessment

Grand Prize

Performance in Eliminating Serious Accident Risk Factors

Category	Details
1 st Serious Accident Research Group ~2020	8 categories, identified / completed 299 improvement tasks - falling, jamming, suffocation, explosion, exhaust blockage, inhalation exposure, electric shock / electrical fire, protective equipment Reduced risks in high-risk operations - Grade A risk operations: 184 → 35 cases, 81% decrease
2 nd Serious Accident Research Group ~2021	34 teams, intensively improved 6 serious accident risks - falling, jamming, inhalation / exposure, fire / explosion, suffocation, electric shock Improvement of 218 high-risk operations - Identified / improved a total of 388 operations and completed on-site verification Visualized the company-wide risk map and promoted through media coverage - Risk mapping of 34 teams and promotion of ‘safe campus’
3 rd Serious Accident Research Group ~2022	Completed the expansion and horizontal deployment of 6 major risk factor elimination activities in the R&D Department - Improved 40 high-risk operations and completed on-site verification Eliminated risk factors related to new / modified manufacturing / infrastructure - Full-time operation
Establishment of Serious Accident System in 2023	Establishment of Serious Accident Risk Hedge System - Improved high-risk operations and established a visualization system for a company-wide risk map

Re-establishment of Standards for Risk Assessment

HIGHLIGHT

In order to proactively respond to the emphasis on risk assessment as a key measure for accident prevention in the government’s Severe Disaster Reduction Roadmap (November 2022), Samsung Display developed a new risk assessment tool named S-TRA. The ‘Standards for Risk Assessment’ was enacted, fully reorganizing the existing regulations, to comply with the revised legal standards and re-establish the company-wide risk assessment system. In addition, our new risk assessment tool and the risk assessment system received recognition for excellence by winning an award¹⁾ through a best practice presentation. Also, by systematizing the assessment tool, we increased risk assessment accessibility and established a lifecycle management system to effectively record and manage the entire assessment process. We were able to enhance the analysis of hazardous risk factors and improvements before and after implementation, as well as tracking and managing the status of improvement measures, and sharing evaluation results.

1) Awarded the Grand Prize at the ‘Risk Assessment Excellence Presentation Contest’ hosted by the Ministry of Employment and Labor during the Industrial Safety and Health Emphasis Month (July 2023)

Education and Programs for Strengthening Safety and Health Management

'Safety Reporters' Activity to Establish a Safety Culture | The 'Safety Reporters' activity is an employee-participatory safety activity introduced to establish a unique safety culture of Samsung Display, aiming to promote the importance of environmental safety from the employees' perspectives and foster a sense of solidarity among them. Starting with the selection of the 1st Safety Reporters in 2019, a total of 218 articles have been published up to the 6th Safety Reporters. Every Wednesday morning, various articles related to safety are shared through our community channel.



Safety Reporters' Articles

Conducting Safety Training for All Employees | Samsung Display carries out specialized training programs based on positions and job responsibilities. In 2023, a total of 87,946 hours of safety training was conducted. Newly appointed department heads receive training that is composed of courses to enhance their autonomous safety management capabilities centered around leaders. Practical safety leadership training is designed to promote safety awareness among field managers, including effective safety management methods and safety communication techniques. We continuously conduct training programs to foster experts in risk assessment are continuously conducted for supervisors, field engineers, safety managers, and suppliers. Additionally, Samsung Display runs EHS (Environment, Health, and Safety)¹⁾ specialization courses to enhance practical skills for all employees in various positions and departments, with the goal of achieving zero serious accidents and creating a safe campus. These courses are independently organized with in-house instructors in each field to enhance environmental safety levels. We also operate specialized training programs for each field to maintain a safe campus, such as inviting experts from industry-academic institutions to hold seminars. in different fields to maintain a safe campus, such as conducting seminars.

1) EHS (Environment, Health, and Safety): Information system for integrated management of information in the environment, health and safety fields distributed within the company

STRATEGY

2023 Safety Reporters' Articles

- Work Environment Measurement
- Safe Brining-in Operation
- Safety Management of Fall Disasters
- Allergic Diseases and Fine Dust
- Accident Case No.1: Trip and Fall
- Suffocation Accident Safety Management
- Protective Gear (Safety Shoes / Helmets, etc.)
- Black Ice on the Road
- Understanding Industrial Safety and Health Signages
- Fire Accident Response Guidelines

Statutory Compulsory Training Performance in 2023

Regular training for workers
237,504 people

Special training
3,072 people

Regular training for supervisors
2,049 people

Job rotation training
855 people

Training Status (Domestic Business Sites)

* Separate training frequency has been applied to overseas subsidiaries.

Category	Program	Frequency	Target
Statutory Training	Regular training for workers	2 hours per month	All employees
	Special training	Upon occurrence (16 hours offline *2 hours for short-term or occasional work)	Annex 5 of the Industrial Safety and Health Act Enforcement Rules – Special training Implemented when performing operations (39 types)
	Regular training for supervisors	16 hours per year (in-house 8 hours + online 8 hours)	Head of department who directly directs and supervises production-related tasks and employees
	Job rotation training	Upon occurrence (2 hours offline)	When work is performed differently from the previous work (excluding pure office work, etc.)
Job Training	PSM specialization training	Once a year	Departments subject to PSM
	Integrated certification training	Ad hoc	Hazardous operations managers
	Environmental safety management system internal auditor training	Ad hoc	Internal auditors' trainers
	Facility certification manager training	Ad hoc	Facility certification managers
	Environmental safety training for new positions	Once a year	Newly appointed supervisors
	Practical safety leader training	Once a year	Supervisors
	Training for risk assessment experts (from 2022)	Once a year	Select among all employees (leader, supervisor, engineer, and other required departments)

Process Safety Management and Electrical Safety Management

HIGHLIGHT

Maintain P-grade (Progressive), the highest grade, in the Process Safety Management (PSM)¹⁾ level assessment. Asan and Cheonan campuses established a self-managing process safety organization in 2018 and have systematically implemented the 12 major practices of Process Safety Management (PSM). In the PSM implementing condition assessment²⁾ conducted in December 2022, we achieved a score of over 90 points, obtaining the highest level, 'P-grade (Progressive)'. As a result, we have maintained a P-grade workplace since January 2023, and received a P-grade certification from the Head of the Daejeon Regional Employment and Labor Administration in November 2023.

1) Process Safety Management (PSM): A system aimed at preventing major industrial accidents by systematically and continuously managing processes and facilities that have the potential to cause such accidents, by identifying and eliminating potential risk factors in advance.
 2) PSM Implementing Condition Assessment: Assessment carried out every 4 years to evaluate PSM implementation status and determine grades according to the score (P > S > M+ > M-)

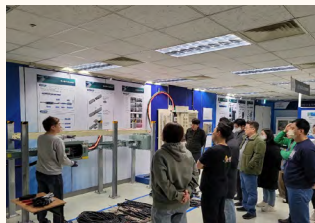
Expanding Electrical Safety Education within the Electrical Training Center

Samsung Display expanded the target of the electrical safety specialized training in 2023 through the Electrical Training Center, which was newly established in 2022. As a result, we conducted training for a total of 362 people including 213 people from the Electricity Team, 118 from the Manufacturing Team, and 31 partner employees.

For the Electricity Team, 22 job sessions were conducted for capacity building, and the main subjects included practical training on electrical equipment such as transformers, distribution panels, and grounding. For the Manufacturing Team, training included how to remove cables and how to use measuring instruments using real objects at the Training Center to ensure safety and improve proficiency in both demolition and internalization operations. Additionally, we provided education on basic electrical theory and accident case theory to enhance understanding of electricity. We implemented a work certification system for workers of suppliers, so that only certified workers could engage in construction to guarantee work quality and safety. Of the 32 people, 31 people were certified and allowed to work with us, with 1 person excluded due to lack of experience.



P-Grade Certification



Electrical Safety Training



Electrical Facility Safety Management

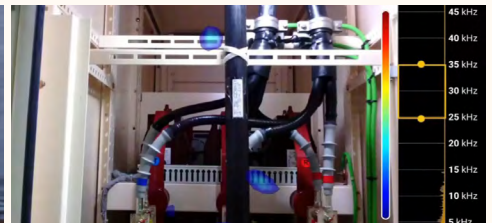
Samsung Display conducts regular inspections systematically every year for stable electricity supply, and from 2023, we invested KRW 193 million to purchase 2 sets of diagnostic equipment (ultraviolet / ultrasonic) for early detection of abnormalities in high-voltage electrical facilities. To foster self-inspection personnel, we also completed user training to strengthen our capabilities and secured 16 professionals. In addition, to prevent safety accidents, we made it mandatory to wear arc flash face shields and flame-retardant headscarves during high-voltage operation (measurement, handling, operation) to minimize skin exposure and prepare for electric explosion (arc flash) accidents.

Electrical Facility Inspection Details

No.	Category	Operation Name	Frequency
1	Regular Inspection	Power facility regular inspection (ultraviolet / ultrasonic / thermal image measurement, device failure, lock condition, etc.)	Varies by facility
2	Regular Inspection	Inspection of fire extinguishing facilities in the Electrical Room (fire extinguisher, air respirator)	Once a half year
3	Joint Inspection	Regular inspection by the Korea Electrical Safety Corporation (GIS partial discharge, SF6 analysis, transformer insulation oil, COVID-19 diagnosis, etc.)	Regular inspection once every 3 years Safety inspection once a year
4	Themed Inspection	Monthly themed inspection (lightning, grounding, storm and flood damage, heater tracing, etc.)	Once a month
5	On-site Inspection	Facility Risk Map	Upon occurrence
6	On-site Inspection	Electrical Room Risk Point Map	Upon occurrence
7	On-site Inspection	My zone activities	Once a month
8	Health Management	Health Promotion Activities	Once a half year
9	Health Management	Management of department members' health check-up completion rate	Once a month
10	Supplier Management	Safety and Health Committee of suppliers	Once a month



High-voltage electrical facilities inspection management using self-diagnostic equipment



Establishing a Safe Working Environment

Substitution of Health-hazardous Substances and Improvement of Work Environment | Samsung Display applies stricter internal regulations than the legal standards to prevent work-induced illnesses caused by exposure to chemicals and various physical factors. We also strive to create a safe working environment through process automation to block exposure to chemical substances and physical factors. Furthermore, we are operating a T/F to replace/reduce health-hazardous substances. In 2023, we carried out various activities to eliminate exposure to harmful factors in the work environment, such as shielding facilities using chemicals and automating manual tasks.

Operation of Personal Protective Equipment(PPE) Research Group | Samsung Display operates the PPE Research Group to discover convenient and safe PPE and establish reasonable standards for their use. It ensures that well-evaluated PPE, tested directly by actual users, are available for use. In 2023, we developed a Matrix for selecting protective gloves for each chemical task, implemented customized protective gloves, and introduced 9 new types of PPE. In addition, to protect the hearing of workers from noise, we have purchased a Fitting Test device as hearing equipment, and provided training on how to wear it properly and distributed hearing protection equipment according to each individual's needs.

Introduction Process of Protective Gears

Business Department	EHS Operating Dept.	EHS Technology Dept.	Decision-making
Agenda Proposal - Standards for wearing protective gears - Request for new or improved suitable protective gear	Receipt - Receipt and initial evaluation - Determine suitability	Assessment / Report - Site risk assessment - Reporting assessment results on exposure assessment for PM workers	Decision - Determining suitability - On-site guidance

Prevention of Musculoskeletal Diseases | We conduct regular assessments on musculoskeletal hazards to proactively reduce the risk of musculoskeletal Diseases. Through these assessments, we identify individuals with symptoms at an early stage and prioritize ergonomic improvements using ergonomic assessment tools. Additionally, in collaboration with the Musculoskeletal Disease Prevention Center, we carry out improvement activities utilizing visiting stretching, exercise therapy for areas in pain, and musculoskeletal aids.



Visiting Stretching

CPR Training

HIGHLIGHT

Since March 2023, we conducted cardiopulmonary resuscitation (CPR) training for employees with the collaboration of the Korean Association of Cardiopulmonary Resuscitation (KACPR). Training is conducted year-round in the auditorium and lecture halls of Asan 1, Asan 2, and Giheung campuses. To achieve completion of the training once every 2 years for all 22,000 employees, over 1,000 participants are required to attend more than 40 basic CPR courses per month, which are provided as part of the G-EHS curriculum.

As of March 2024, 15,858 employees (about 72%) completed the training course, and we aim to achieve 100% by October 2024. Also, the same training is provided to executives such as the president, vice president, managing director, master, and advisor, and 157 out of 183 people (about 86%) are currently receiving the training. CPR training instructors of Samsung Display provide safe and high-quality training to employees, including winning the Best Public Instructor Award at the 2023 general meeting hosted by KACPR. Employees who completed in-house training will receive official certificates issued by the association. We are sparing no effort to establish a wide range emergency response system for emergencies.



CPR Training

RISK MANAGEMENT

Risk Management

Evaluation for Safety and Health Risk Management

Evaluation of Safety Culture Level | Samsung Display has been evaluated for its safety culture level from external specialized agencies since 2021 to build an advanced safety culture. The level of safety consciousness of campuses increased from Level 2 characterized by the dependence on supervision and management in 2021, to Level 3 where individuals comply voluntarily in 2022, and we are taking a positive step towards Level 4 where individuals ensure safety for their colleagues, by gaining points within Level 3. The Safety Culture Improvement T/F has been objectively analyzing the safety culture level and continuously carrying out various activities to enhance our safety culture since the formation in 2021. In 2023, following the precedent set in 2022, we expanded our team of practical safety leaders by adding 399 new members to include field managers. After monitoring 389 department heads, we confirmed a high level of safety leadership maturity, scoring 98.5 points. Practical safety leaders exhibit exemplary behaviors, encouraging employees to enhance their safety consciousness and take action together. By doing so, they improve the overall safety performance of the organization and lead the establishment of a safety culture. Furthermore, to establish a field-oriented safety management culture, Samsung Display expanded the training for risk assessment experts who can identify and improve on-site risk factors to 11% of all executives and employees in directly responsible departments. Furthermore, to enhance employee safety consciousness and maintain a record of zero-serious accidents, Samsung Display has declared a 'Leader's Commitment to Practice' that embodies a solid determination to put into action, and issued safety letters to employees. We encourage active participation in Safety Talk activities, where employees freely share their insights and everyday safety practices from both personal and work experiences to promote a joyful safety culture where risks are minimized, and safety is enhanced.

Evaluation for Samsung Display Safety Culture Status



Safety Culture Level

Level 3

'Self-compliance'

Level of safety consciousness of Leader¹⁾

98.5

¹⁾ Leader: Management (number), team leaders, group leaders / PL

Emergency training sessions

196 times

Emergency Response

Emergency Response Organization and Drills | Samsung Display has a plan in place for the convocation of the Crisis Management Committee and switching it to an emergency response mode in the event of an emergency situation. Furthermore, it provides response education and training based on various emergency scenarios tailored to the industrial characteristics.



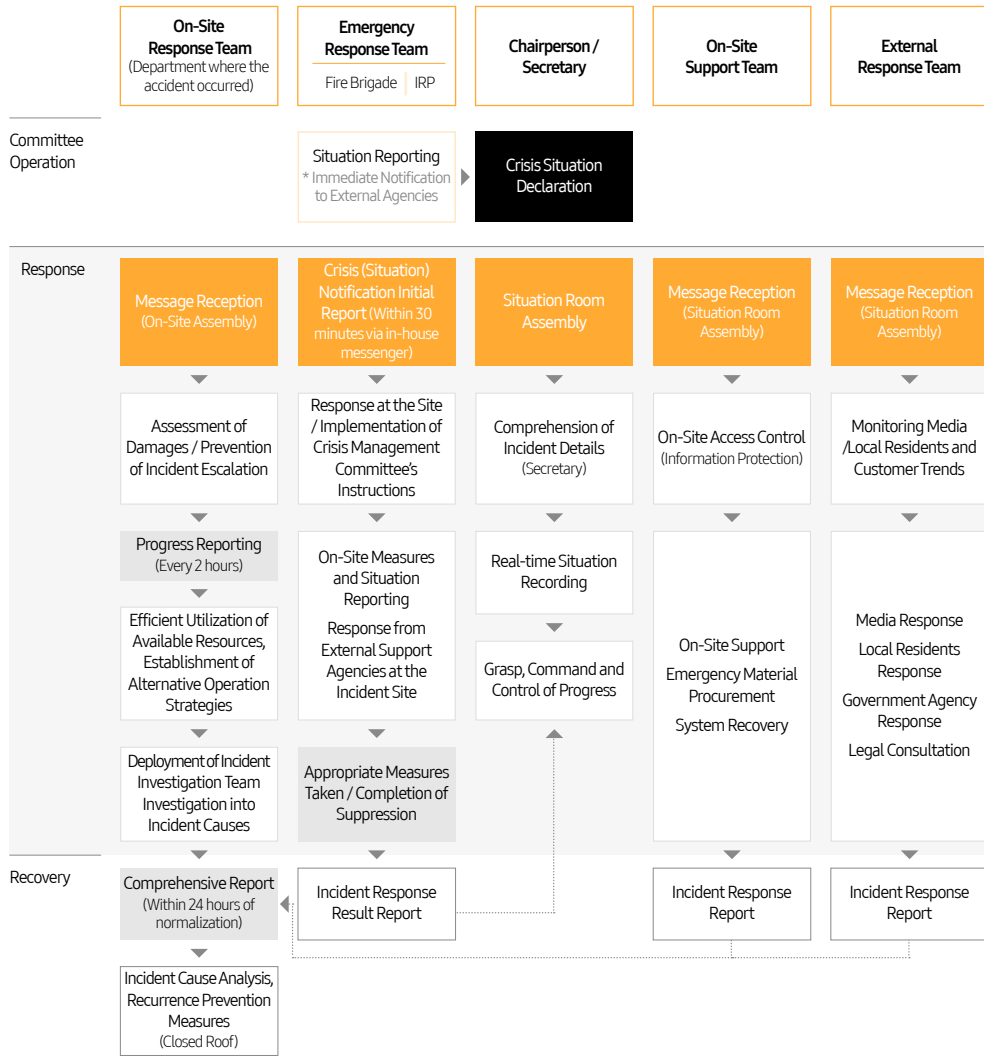
In 2023, we conducted training on how to handle combined accidents (48 times), surprise drills (40 times), IRP joint training (47 times), public-private joint BCP training (4 times), relevant department and affiliates joint training (57 times), resulting in 196 times of training sessions. The Combined accident training sets various locations and themes within the campus. It simulates complex situations such as fires and medical emergencies that could occur in real situations. The training includes mapping, risk prediction, local adaptation, and equipment operation. Surprise drills are organized by group leaders and department heads. These drills are conducted in teams, focusing on specific locations, themes, or current issues. The key aspect is that they are carried out without any prior notice. IRP joint training is a joint drill to respond to hazardous substance spills, such as chemical substance or gas, and conduct rescue operations. Relevant department and affiliate joint training aims to address fire outbreak, rescue operations, leakage handling, and emergency evacuation in collaboration with manufacturing centers, infra departments, affiliates, and social education facilities. At Samsung Display, we're taking proactive steps to manage the risk of electric vehicle fires. This began in August 2022 when we equipped our facilities with car fire blankets and lower waterproof nozzles. With these tools, we carried out eight fire suppression drills for electric vehicles and charging stations in 2023. Our plans for 2024 include the addition of EV tanks, which will enhance our ability to respond to fires in our parking tower and in-house electric vehicles. Furthermore, we will continue to conduct regular fire response drills for electric vehicles, utilizing the water stop device in the second parking tower of our Asan 2 Campus and our existing equipment.

Organizational Structure for Crisis Management Committee



Safety and Health Management

Crisis Management Committee Operation Process



EV Fire Response Drills

HIGHLIGHT

Growing number of EVs in the company and parking lots comes with rising potential risks of accidents. Considering the unique nature of electric vehicles (EVs), we understand the importance of quick response times in the event of an accident (fire), to prevent harm to people and property. As a result, we've implemented specialized equipment for responding to EV fires and have provided relevant training.

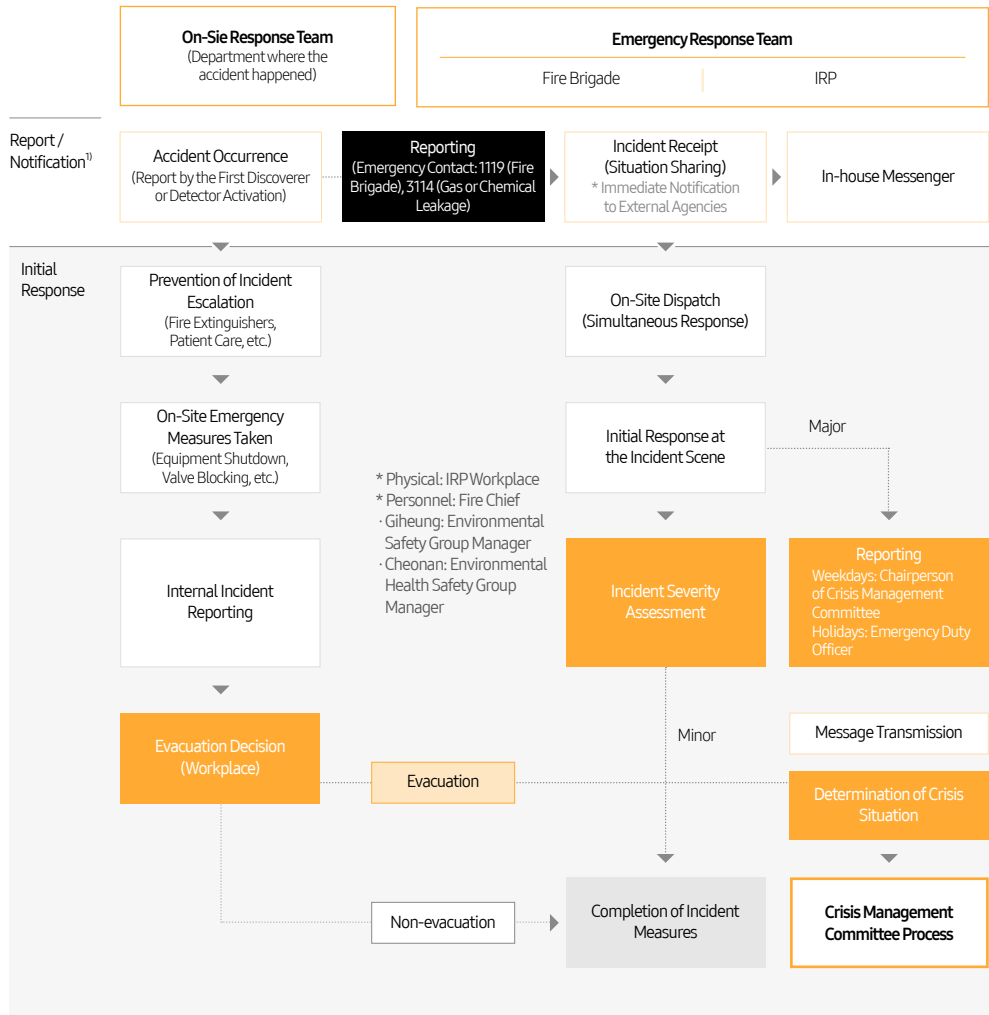


EV Fire Response Training

Special Equipment Owned by Samsung Display

Equipment	Special vehicles	EV fire response equipment		
Name	Refractive ladder	Fire blankets	Upper / lower nozzles	EV tanks
Specifications	Designed for firefighting in high-rise buildings, with a height structure of 72m	6m × 9m, 22Kg reinforced natural fiber with a flame retardancy rating of level 6	40A fire hose for straight and spray use (1ea each)	2.6m × 6.2m × 0.45m tube type, weighing 45Kg
Image				

Emergency Response Training and Its Process

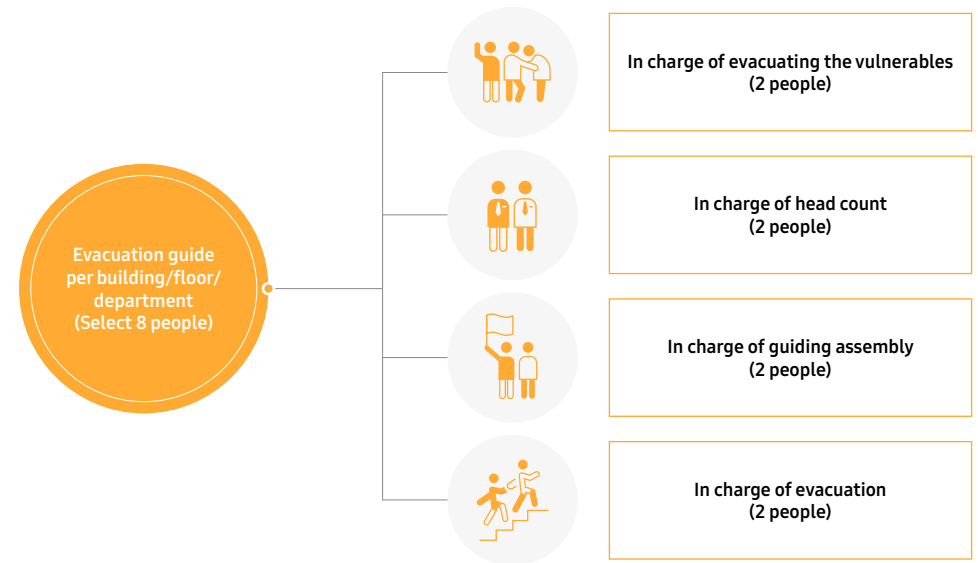


1) All incident reports are channeled through the IRP (our dedicated chemical emergency response organization).

Emergency Evacuation Drills Joined by Executives and Employees | Samsung Display regularly conducts evacuation drills. For each building, floor, and department, we designate a person in charge of evacuation. This approach helps minimize confusion on-site during an evacuation in the event of an accident. Additionally, we select individuals to be in charge of providing evacuation assistance and protection for vulnerable individuals. We have plans to broaden the scope of our system, which is currently in operation at Giheung Campus. This system designates personnel responsible for guiding evacuations. Starting from 2024, we aim to extend this system and its operational methods to the Asan and Cheonan Campuses and conduct relevant training.

The person in charge of guiding evacuation is responsible for guiding rapid evacuation by spreading the situation out loud, restricting the use of elevators, and encouraging evacuation through stairs. The person in charge of headcount is responsible for evacuating with occupants to the emergency evacuation assembly point and reporting the number of evacuees to the person in charge. The person in charge of guiding the assembly assume the roles of evacuating with occupants to the emergency evacuation assembly point in the early stage of evacuation and gathering evacuees at the emergency evacuation assembly point by floor. The person in charge of helping the vulnerable evacuate is tasked with helping the vulnerable, such as the disabled, pregnant women, and patients evacuate to the emergency evacuation assembly point.

Emergency Response Personnel System for Evacuation Drills



Safety and Health Management

METRICS AND TARGETS

Metrics and Targets

With the aim to ramp up its safety and health management, Samsung Display has set its metrics and targets, and put them into action.

Quantitative Performance for Safety and Health Management Enhancement¹⁾

2023 Performance

Safety and Health Management System Certification	Safety and Health Risk Management
<p>Business sites certified for safety and health management system</p> <p>100%</p> 	<p>Number of emergency response drills conducted</p> <p>196 times</p> 
Accident Rate	Training on Health and Safety
<p>Number of casualties from industrial accidents</p> <p>1 person</p> 	<p>Total number of safety educational hours</p> <p>87,946 hours</p> 
<p>Executives and employees LTIR²⁾</p> <p>0.025 [Cases / 200,000 working hours]</p> 	<p>Safety Leadership Level of Field Managers</p> <p>98.5 points</p> 

Setting Goals to Improve Health and Safety Management

Target	2023 Performance	Target for 2024
Responding to the Serious Accidents Punishment Act	Responding to the mandatory requirements of the Serious Accidents Punishment Act	Tightening our responses to the mandatory requirements of the Serious Accidents Punishment Act
Elevating our environmental safety culture	Remaining at Level 3	Entering Level 4
Maintaining the highest grade in the Process Safety Management (PSM)	Maintaining P-grade	Maintaining P-grade (in 2026 Evaluation)
Reaching zero-serious accidents	1 case	Zero case
Achieving zero exposure to harmful elements	Improving manual chemical handling and conducting activities to lower toxic substances harmful to human health	Assessing exposure to substances in addition to legally designated ones and exposure prediction modeling

1) All relevant quantitative data can be found in the ESG Factbook in Appendices.

2) LTIR, or Lost Time Injury Rate, is a metric that represents the number of accidents occurring every 200,000 hours.

Supply Chain Sustainability Management

Samsung Display, under the supervision of the Partner Collaboration Center, selects collaboration managers within each business unit to ensure sustainable supply chain management. The collaboration managers proactively manage and conduct inspections. They also engage in various cooperative activities to assist suppliers in polishing their competitiveness in terms of sustainable management at the company level.

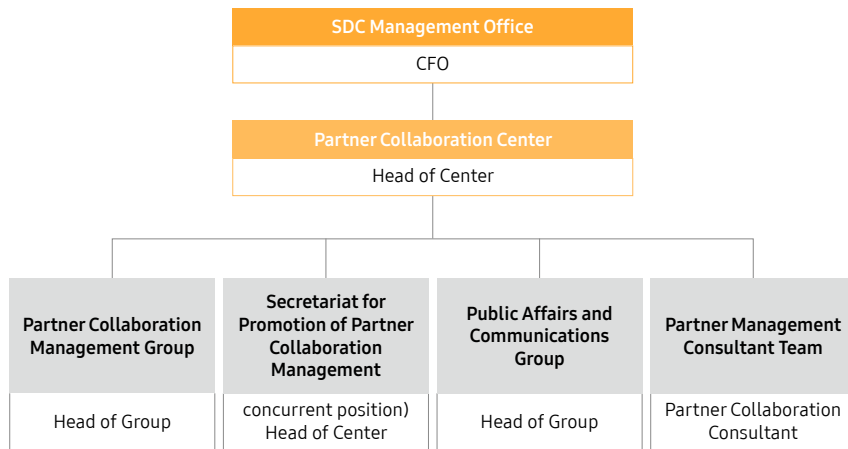
Governance

Governance for Sustainable Supply Chain Management

Decision-making Process and Responsible Organization's Functions | Samsung Display operates the Sustainability Management Council, which is led by the CFO, with the objective to ensure supply chain sustainability. As global regulations are intensifying against the environment, safety, and human rights in the supply chain, to proactively respond to supply chain risks and rapidly discover opportunity factors, the Partner Collaboration Center, in charge of supply chain management, formulated strategies for ESG management of the supply chain, including the introduction of the third party verification, revision of the Code of Conduct for Suppliers, and reinforcement of evaluation criteria, then reported the following content to Sustainability Management Council in October 2023.

On top of that, the center is carrying out various activities aimed at shared growth to secure sustainability by sharpening the ESG capabilities of suppliers and enhancing market competitiveness. And it also selects partner collaboration managers in each business division to maintain fair and transparent trade relationships, running pre-inspection and management to avoid ESG risks of supply chain.

Organizational Structure for Supply Chain Management



GOVERNANCE

Top management responsible for managing and supervising the sustainability of supply chain

CFO

Dedicated organization for managing the Code of Conduct for Suppliers and supply chain

Partner Collaboration Center

Key Agenda Items Reported to ESG Management Council

- Adoption of RBA third party verification
- Revision of Code of Conduct for Suppliers and evaluation items
- Support suppliers in building foundation for GHG emissions management

The Code of Conduct for Suppliers | As part of its supply chain management policy, Samsung Display has established the 'Samsung Display Code of Conduct for Suppliers' based on the RBA (Responsible Business Alliance) Code of Conduct. This code focuses on five key operational policies: 'Labor Rights,' 'Safety and Health,' 'Environmental Protection,' 'Ethical Management,' and 'Management Systems.' It is applied to all suppliers that provide products and services to Samsung Display. To ensure the compliance with the Code of Conduct, a separate agreement is requested from suppliers. The Code of Conduct for Suppliers is provided on the Samsung Display website in four languages (Korean, English, Chinese, and Vietnamese), available for global suppliers.

[Samsung Display Code of Conduct for Suppliers](#)

[Guidance on Samsung Display Code of Conduct for Suppliers](#)

Code of Conduct for Suppliers

1. Labor and Human Rights

- 1.1 Freely Chosen Employment
- 1.2 Young Labor
- 1.3 Working Hours
- 1.4 Wages and Benefits
- 1.5 Humane Treatment
- 1.6 Non-discrimination
- 1.7 Freedom of Association

2. Safety and Health

- 2.1 Occupational Safety
- 2.2 Emergency Preparedness
- 2.3 Work-related Injuries and Illness Prevention
- 2.4 Reduction of exposure to toxic elements
- 2.5 Physically Demanding Work
- 2.6 Safety Management of Dangerous Machines, Devices, and Equipment
- 2.7 Sanitation, Food and Housing
- 2.8 Health and Safety Education

3. Environmental Protection

- 3.1 Acquisition of Environmental Permits
- 3.2 Pollution Prevention and Resource Reduction
- 3.3 Hazardous Substance Management
- 3.4 Solid Waste
- 3.5 Air Pollutants
- 3.6 Product Content Restrictions
- 3.7 Water Resource Management
- 3.8 Energy Consumption and Greenhouse Gas Emissions

4. Ethical Management

- 4.1 Business Integrity
- 4.2 No Improper Advantage
- 4.3 Disclosure of Information
- 4.4 Intellectual Property
- 4.5 Fair Business, Advertising and Competition
- 4.6 Protection of Identity and Non-Retaliation
- 4.7 Protection of personal Information
- 4.8 Responsible Sourcing Minerals

5. Management System

- 5.1 Company Commitment
- 5.2 Management Accountability and Responsibility
- 5.3 Legal and Customer Requirements
- 5.4 Risk Assessment and Risk Management
- 5.5 Improvement Objectives
- 5.6 Training
- 5.7 Communication
- 5.8 Worker Feedback and Participation
- 5.9 Audits and Assessments
- 5.10 Corrective Action Process
- 5.11 Documentation and Records
- 5.12 Supplier Responsibility

Supply Chain Sustainability Management

STRATEGY

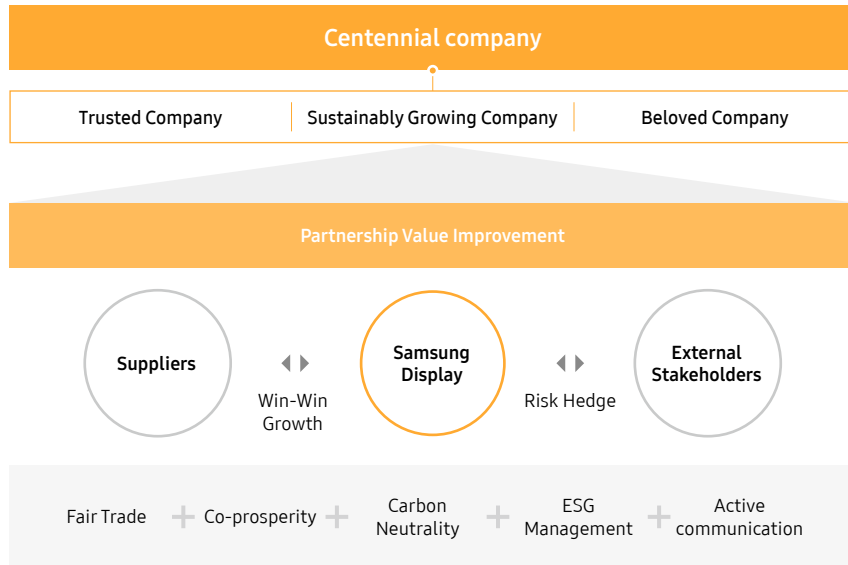
Strategy

Strategies for Supply Chain Sustainability Management

Strategy and Vision for Shared Growth | Cognizant that shared growth is an integral part of the sustainability of the supply chain, we have set our vision, 'Partnership Value Improvement,' for presentation. To accomplish this, we operate a fair and transparent registration process for new suppliers and conduct regular supplier evaluations¹⁾ to enhance their competitiveness and minimize ESG risks. In addition, we're committed to fostering sustainable supply chains through collaboration. We run a variety of programs aimed at mutual growth, such as offering R&D funding and assisting SMEs in setting up smart factories.

1) Targeting 1st-tier suppliers (excluding suppliers who have been traded us for 1 year or less, new transactions for less than a year, or suppliers we plan to discontinue the trade)

Shared Growth-oriented Strategies for Sustainable Supply Chain Management



Joined CDP Supply Chain in 2022

Number of companies joining the CDP Supply Chain 187 companies

Systems and Programs to Respond to Key Risks and Opportunities Associated with Supply Chain Sustainability

Joining CDP Supply Chain Program | After declaring carbon neutrality by 2050 in 2021, Samsung Display joined the CDP Supply Chain program in March 2022 to encourage partner companies to participate in carbon neutrality activities. (CDP, Carbon Disclosure Project: Global Carbon Neutral Initiative) If a partner company joins the CDP Supply Chain program and submits a response regarding carbon emissions and reduction goals, it can receive additional points in the comprehensive evaluation of the partner company conducted every year. We also provide briefing sessions and training to help you participate in carbon neutral activities.



Managing Suppliers' GHG Emissions | Starting in 2024, Samsung Display intends to launch a Partner ESG Portal System. This system will allow suppliers to input data on their GHG emissions, set reduction targets, and share information about their reduction activities. The goal is to manage GHG information in our supply chain more accurately. Additionally, we offer online training related to GHG emissions calculation and reduction on a continuous basis, aiming at enhancing GHG management capabilities within our supply chain.

Roadmap for Suppliers' GHG Emissions Management

		2023				2024			
		1Q	2Q	3Q	4Q	1Q	2Q	3Q	
Managing suppliers' GHG emissions	Calculating GHG emissions	Emissions Calculation (by suppliers)				Management / Validation			
	Building a GHG management system	System Development							
	CDP Supply Chain	Joining / Operation							
	Training on GHG emissions reduction	Collective Training		Online Courses Launched					

Supply Chain Sustainability Management

STRATEGY

Providing ESG Training for Suppliers | Samsung Display actively supports a range of training initiatives to enhance the capabilities of its suppliers. Specifically, we have independently developed online courses related to ESG and GHG emissions. These courses are readily accessible on our online training platform, allowing for continuous learning opportunities.

Training and Briefings for Suppliers in 2023

Training and Briefing	Date	No. of Participants
Ministry of Environment-driven ESG assistance project briefing	January 2023	82 companies, 155 people
Sustainable management strategy briefing session	March 2023	18 companies, 33 people
Briefing session on how to join the CDP Supply Chain and respond	May 2023	161 companies, 179 people
ESG management for supply chain response	July 2023	160 companies, 181 people
Practical guidance for GHG emissions reduction for suppliers	September 2023	94 companies, 175 people

1) Samsung Electronics organized the event, and we provided support by editing the video to make it available as an online course.

Activities to Help Suppliers' CEOs and Employees Build Capacity for Environmental Safety | Samsung Display holds an annual 'CEO Seminar' to ensure that suppliers' workers are protected from industrial accidents and can work in a safe environment. In 2023, we invited CEOs from 44 key suppliers and offered lectures from experts on the importance of risk assessment and the roles of the CEO as part of the assistance for their improved safety response. To promote supplier involvement in accident prevention, we recognize and reward top suppliers for their exceptional environmental safety management. Additionally, regular 'Environment and Safety Letters' are sent to the CEOs of each supplier to share policies, cooperative measures, and updates on environmental safety issues and incidents. As of 2023, Samsung Display has engaged in communication and support activities for environmental safety accident prevention with a total of 258 companies.



2023 Seminar for Suppliers' CEOs on Environmental Safety



Number of suppliers subject to environmental safety evaluation and consultations

170 suppliers

Number of supplier safety officers trained in 2023

9,641 people

Assisting Suppliers in Improving Their Environmental Safety Level | Samsung Display has established an approach which boils down to 'joint prevention of environmental safety accidents' in collaboration with 'first-class suppliers' and through 'communication / support.' To achieve this, we have created a dedicated organization called the Suppliers Safety Group, aimed at fostering a partnership for safety. On top of this, through a system dedicated to supporting suppliers, we also disseminate a wide range of information and educational resources on environmental safety to our partners. Samsung Display is committed to fostering a safe work ecosystem through a variety of initiatives, including environmental safety consulting, inspections, and support in dealing with the Serious Accidents Punishment Act, as well as bolstering the capabilities of our suppliers. In 2023, we carried out environmental safety assessments with 170 of our supplier companies.

Providing Safety and Health Training for Suppliers | Samsung Display is committed to enhancing the safety management skills of supplier safety officers who oversee all hazardous tasks within the company. We provide basic training on safety standards, the roles of safety officers, and accident prevention, which is on par with the training given to Samsung Display employees. In addition, we offer specialized training for specific hazardous tasks such as electrical work, work at height, hot work, Hazardous materials operations, confined space work, and heavy machinery operations. Upon completion of the training and passing the exam, supplier safety officers are entrusted with the authority and responsibility to identify and rectify unsafe behaviors and conditions among workers. In 2023, we successfully trained 9,641 safety officers from our suppliers.

Training for Supplier Safety officers on Certification System

(Unit: Persons)

Theme	2021	2022	2023
Hot work	2,427	1,608	809
Heavy machinery operation	6,294	2,867	1,788
Confined space work	2,184	1,128	666
Hazardous materials operation	4,332	2,208	1,332
General work	13,279	8,020	5,046
Total	28,516	15,831	9,641

Supply Chain Sustainability Management

Joint Initiative for Enhancing Safety and Health with SMEs | Samsung Display took part in the ‘collaborative project for co-prosperity,’ a government initiative aimed at fostering voluntary collaboration with small and medium-sized suppliers to enhance safety and health management status. As part of this project, we carried out activities in 11 areas for 12 of our in-house suppliers.

Supporting Suppliers in Sharpening Their Capabilities for Safety | Among our in-house suppliers at Samsung Display, we identify those with a high risk of accidents for focused management. We provide industry-specific training to enhance the safety management skills of field supervisors and safety officers. Depending on the nature of the work, we have divided it into 12 sectors including facility / infrastructure maintenance, cafeteria services, and cleaning, based on which we have created industry-specific materials that include accident cases in the same industry and vulnerabilities in the work. We have conducted training using these materials. In 2023, 111 field supervisors and safety officers from our suppliers participated in the training. Additionally, we furnished training designed to sharpen professional competency using external consulting firms specializing in risk assessment and Samsung Display personnel to formulate and take improvement measures through the identification and analysis of hazardous risk factors.

Resident Supplier Management Activities

HIGHLIGHT

Samsung Display oversees and provides support to 56 ‘resident suppliers.’ These suppliers operate at least 8 hours a day, 5 days a week, and maintain their own HR organizations and offices to carry out in-house operations.

In 2023, through environmental safety assessments and technical evaluations of our resident suppliers, we provided a total of KRW 6.1 billion in safety incentives to 39 resident partner companies, and also allocated approximately KRW 140 million to establish a foundation for communication between resident suppliers and to host events to activate communication for organizational stability and morale boosting.

In addition, Samsung Display requires resident suppliers to conduct self-inspections concerning workers’ rights and labor rights. In case of unfair practices, we encourage corrective measures and, if necessary, perform on-site inspections as part of our commitment to improving the labor rights of workers at our resident suppliers.

Cash Payments for Goods Supply and Implementation of Raw Material Price Linkage System | Samsung Display ensures 100% cash payments or mutually beneficial payments to SMEs and midsized firms. In line with government recommendations, we aim to minimize the burden on our suppliers. For those suppliers who wish to link the market price of raw materials to the delivery price, we have implemented a raw material price linkage system.

Supplier VOC Management | Samsung Display collects feedback from suppliers regarding any inconveniences during transactions or suggestions regarding unreasonable policies through various channels, such as the Partner Voice platform and wired / wireless communication channels.

We receive VOC from not only primary suppliers but also secondary and tertiary suppliers, and actively work towards resolving issues and devising improvement measures by cooperating with relevant departments. Furthermore, Samsung Display has established a process to classify and promptly and adequately respond to VOC received from suppliers according to its types, and through the Samsung Display VOC communication channels, the company is constantly monitoring opinions and demands of suppliers regarding unfair handling of tasks and reporting of other misconduct. Moreover, for cases involving unfair handling of business towards secondary or tertiary suppliers, we strive to rectify unreasonable areas of business by conducting training or implementing corrective actions.

Awarded the Highest Grade in the Win-Win Growth Index Evaluation’ for 6 Consecutive Years

HIGHLIGHT

Samsung Display has created an ‘industrial ecosystem that grows together’ and has been selected as the ‘Best Honorary Company’ by obtaining the highest grade in the ‘Win-Win Growth Index Evaluation’ for six consecutive years since 2018. The ‘Win-Win Growth Index Evaluation’ is a system that assesses the level of win-win growth by evaluating mutual cooperation, fair trade, and the perception of suppliers to promote shared growth among large-, medium-, and small-sized companies. Samsung Display puts in place various win-win growth programs targeting suppliers, pursuing sound win-win management and continuous mutual growth with suppliers.

Compliance Monitoring System to Embed a Fair Trade Culture | Samsung Display leverages a compliance monitoring system throughout the entire process to practice reasonable and fair transactions with its suppliers, and complies with the ‘Four Key Practices for Compliance with Subcontracting Regulations¹⁾’ enacted by the Fair Trade Commission. Fair trading practices are constantly inspected and monitored under the supervision of the Partner Collaboration Center. On top of that, we conduct monitoring of unit price contracts, orders, and payments through the compliance monitoring system while adopting a more efficient monitoring system allowing for monitoring at all times.

¹⁾ Practical Guidelines for Desirable Contracting for Win-Win Cooperation between Large, Medium, and Small Enterprises, Practical Guidelines for Fair Selection (Registration) of Suppliers, Practical Guidelines for the Establishment and Operation of an Internal Review Committee for Subcontracting Transactions, and Practical Guidelines for Desirable Document Issuance and Retention

RISK MANAGEMENT

Risk Management

Evaluation for Supply Chain Risk Management

Assisting Suppliers in ESG Assessment | Since 2021, Samsung Display has been supporting supplier ESG evaluation through external organizations to improve their sustainability management competence. Suppliers can identify their own ESG management levels and check the areas that need improvement, which enables them to respond to internal and external ESG regulations proactively. We encourage the suppliers to actively join in sustainable management by giving points in supplier comprehensive evaluation when the suppliers receive excellent ESG evaluation ratings.

Selecting New Suppliers | Samsung Display selects new suppliers after a thorough examination of five areas, including ‘purchase / quality,’ ‘environmental safety,’ ‘labor / human rights,’ ‘eco partners’¹⁾, and ‘financial status,’ and on-site inspections conducted by in-house experts. In 2023, a total of 8 companies underwent registration evaluations, and all 8 companies were selected as new suppliers as no issues were found in the evaluation results.

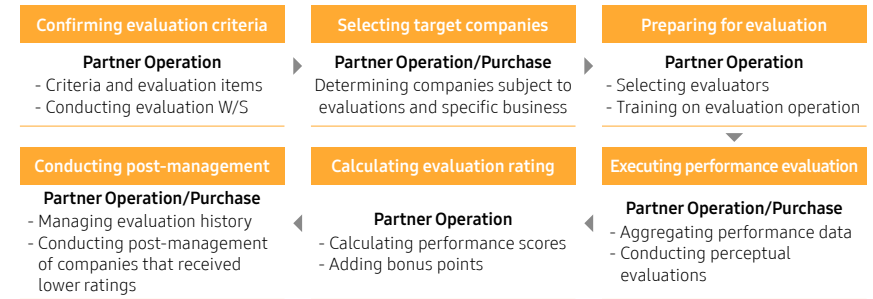
1) Only companies certified as Samsung Display Eco Partners are eligible for registration as our new suppliers after we inspect factors such as product environmental policies, education and training, presence of hazardous substances.

Comprehensive Evaluation of Suppliers | Every year, Samsung Display conducts a comprehensive evaluation of its primary suppliers. This evaluation assesses risks related to ‘environmental safety,’ ‘legal compliance management,’ ‘quality,’ and ‘financial rating.’ The results can be accessed at any time through the G-SRM²⁾ system. In 2023, approximately 84.5% of suppliers achieved the excellent ratings in the comprehensive evaluation. These evaluation results are then incorporated into the purchasing policy for the following year to encourage suppliers to voluntarily improve their competencies. Furthermore, Samsung Display strengthens evaluations related to environmental and social responsibilities, which are major supply chain risks, by reflecting the business environment that evolves every year.

2) G-SRM : Global Supplier Relationship Management



Supplier Evaluation Process



Compliance Review of Suppliers for Supply Chain Risk Management

Samsung Display conducts monthly inspections on four key labor and human rights items³⁾ based on RBA for our major overseas suppliers. The findings, along with global labor rights trends, are shared with our corporations and procurement executives. This dissemination of the biannual report (first/second half of the year) on the accumulated status dating from 2018, underscores the criticality of labor rights management within our supply chain. Through on-site evaluations, we identify and systematically address any violations. Specifically, for our major suppliers in China, we operate intensive monitoring periods twice a year with an aim to eliminate child labor.

3) Four items: Working hours, costs of dispatching workers (to China), guarantee of a day off per week, and recruitment of underaged workers

Sharing Global Labor Rights Trends | We strive to proactively respond to relevant issues by compiling labor rights-related trends from global or domestic media and sharing them with overseas subsidiaries on a monthly basis.

Annual Self-Assessment | Beginning in 2022, we have adopted the RBA's revised self-assessment guidelines. Before conducting self-assessments, it is compulsory for suppliers to endorse the Code of Conduct. We advocate for our suppliers to adhere to the Code of Conduct on a voluntary basis. Critical issues such as employment fees, forced labor, child labor, and workplace accidents are given significant consideration and managed proactively in the self-evaluation process. Additionally, as part of the new supplier onboarding, we carry out a comprehensive self-assessment covering 19 labor rights aspects, including ‘voluntary employment,’ ‘child labor,’ ‘working hours,’ ‘wages and benefits,’ and ‘humane treatment,’ receiving the CEO's signature.

Supply Chain Sustainability Management

Annual On-site Inspection | In 2023, Samsung Display rigorously assessed the working conditions of pivotal suppliers abroad through on-site inspections at 29 companies¹⁾. Identified areas for enhancement are systematically recorded, with suppliers mandated to execute remedial actions. The culmination of these improvements is integrated into the overall evaluation, fostering a culture of voluntary compliance among suppliers.

1) Three out of 32 key overseas suppliers were excluded as they went through the third-party verification.

Annual External Third-Party Verification - Conducted Once a Year | In 2023, we piloted third-party verification for four partner companies (one domestic, two in China, one in Vietnam). A third-party verification agency accredited by the RBA conducts an initial audit in the form of a CMA (Customer-Managed Audit) based on the RBA VAP (Validated Assessment Program). Also, any issues that can be improved immediately after the inspection are promptly corrected on site. All four partner companies took action on the risks identified through verification, resulting in good results from the closure audit. In 2024, we plan to expand domestically and internationally to conduct third-party verification for a total of 28 companies.

Third-party Verification Results: Compliance Rate by Area

2023				
Labor and human rights	Safety and health	Environment	Ethics	Management system
91%	98%	100%	100%	98%

* Compliance rate after closure audit (%)

Improvement case 1:

Eradicating Forced Labor

HIGHLIGHT

A supplier in our supply chain was observed to have a 45-day prior notice period. Samsung Display mandates a shorter notice period, either a month or the minimum required by law. Upon review, it was discovered that the responsible party at the supplier was unaware of our requirements. Subsequent training was conducted, and we requested an amendment to their regulations. The supplier has since adjusted the notice period, verified the change, and committed to adhering to this updated policy moving forward.

Improvement case 2:

Contracts in Native Languages

HIGHLIGHT

We identified that a supplier within our supply chain had issued an employment contract to a Korean manager in the local language rather than in Korean. As per Samsung Display's Code of Conduct and the findings from an on-site inspection, employment contracts are mandated to be drafted in the employee's native language. It was observed that this requirement was not fulfilled for managerial staff. Consequently, we promptly provided training to the Human Resources department to rectify this oversight. The contract has since been amended to include a Korean translation and has been duly re-signed by the involved parties.

Improvement case 3:

Anti-Discrimination Practices

HIGHLIGHT

Within our supply chain, we found out that one supplier had no established policies or procedures for providing religious facilities and did not provide them, but the company did not request for religious facilities during grievance handling or communication processes. We demand suppliers to strictly adhere to the Code of Conduct and local laws. As a result of the investigation, this supplier was revealed to have a limited understanding of religious facilities. Upon discovering this, immediate training was conducted. The company has since established policies and procedures for providing religious facilities and conducted VOC surveys related to religious facilities, and we have verified these improvement measures on-site.

Supply Chain Sustainability Management

Conflict Minerals Risk Management

[Samsung Display Conflict Minerals Management Policy](#)

Conflict Minerals Management Policy | Samsung Display has implemented a mineral management system in line with the OECD Due Diligence Guidance for Responsible Supply Chains of Minerals from Conflict-Affected and High-Risk Areas¹⁾. We actively support our suppliers who transact with RMAP²⁾-certified refineries and encourage uncertified refineries in our supply chain to achieve certification. Additionally, we are committed to consistently reducing any adverse societal and environmental impacts, like human rights abuses and ecological damage, that could result from the mineral extraction process.

1) OECD Due Diligence Guidance for Responsible Supply Chains of Minerals from Conflict-Affected and High-Risk Areas
 2) RMAP: Responsible Minerals Assurance Process

Conflict Minerals Management System | Samsung Display has delineated clear roles and authority within departments for the oversight of conflict minerals management. The development and purchasing departments distribute the CMRT³⁾ to suppliers and communicate with them to establish improvements in conflict mineral management.

Partner Collaboration Management Group manages conflict mineral information submitted by partner companies, supervises the entire process, and manages it through the partner company management system (G-SRM).

3) CMRT: Conflict Minerals Reporting Template

Confirmation of Information on Refineries Using Minerals in Our Supply Chain | Samsung Display engages exclusively with refineries and smelters accredited by the RMI⁴⁾'s RMAP certification⁵⁾, ensuring the exclusion of conflict minerals sourced through unethical practices. This commitment fortifies our responsible mineral procurement and supply chain management. We maintain and regularly update a roster of RMAP and CFS⁶⁾-certified refineries and materials, conducting monthly reviews of all incoming materials. Furthermore, we perform annual audits of all refineries that provide 3TG (tantalum, tin, tungsten, gold), scrutinize the application of conflict minerals, and carry out diligent investigations into responsible mineral usage, informed by the CMRT data from our suppliers.

4) RMI: Responsible Minerals Initiative
 5) RMAP certification is only limited to 'conflict minerals'
 6) CFS: Conflict Free Smelter

Use of Conflict Minerals at Refineries (Supply Chain)

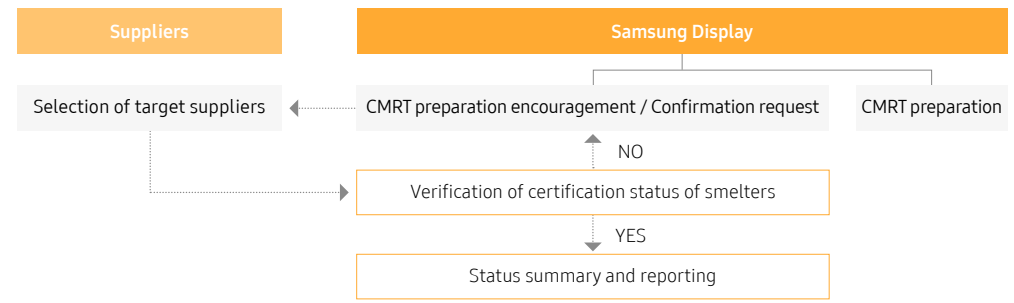
Conflict Minerals	Status of Refineries Usage	Responsible Minerals	Status of Refineries Usage
Gold	89	Cobalt	42
Tantalum	31	Mica	2
Tin	57		
Tungsten	32		
Total 209 companies		Total 44 companies	

* We have received RMAP certification 100% for tantalum, tin, tungsten, and gold, which are conflict minerals, and we plan to gradually expand the scope of responsible minerals through joint response with RMI.

Establishment of Due Diligence Process for Investigation Results | Samsung Display has instituted a rigorous mineral due diligence protocol, adhering to the OECD Due Diligence Guidance. This not only limits the utilization of conflict minerals by our suppliers but also oversees their practices. We are conducting a status inspection starting in 2022, and in 2023, we inspected the reliability of submitted information and implementation of conflict mineral policies for 179 global partner companies. We will persistently manage suppliers using conflict minerals through on-site due diligence in 2024.

Identification and Assessment of Risk Factors of Conflict Minerals within the Supply Chain | Samsung Display diligently oversees the conflict minerals management process. We urge suppliers transacting with uncertified refineries to discontinue such engagements. Should they persist in trading with these uncertified entities despite our cessation request, we consider appropriate measures, which may include scaling back transaction volumes or concluding our business dealings with them.

Conflict Minerals Work Process



Metrics and Targets

Samsung Display has established specific metrics and objectives to effectively manage sustainability throughout our supply chain.

Quantitative Performance¹⁾ by Each Indicator for Supply Chain Sustainability

2023 Performance

Main Win-Win Cooperation Programs	Supplier Technical / Innovation Support
<p>CrePas Program(accrued from 2010 to 2023)</p> <p>Cumulative no. of tasks: 97</p> <p>Cumulative amount: KRW 69.5 billion</p>	<p>Supplier management consult</p> <p>16 companies</p> <p>A project that supports performance evaluation of materials, parts, and equipment</p> <p>1 company</p> <p>Patent disclosure</p> <p>2,619 cases</p>
<p>Smart factory construction support (accrued from 2018 to 2023)</p> <p>Cumulative no. of companies: 76</p>	<p>Supply Chain Risk Management</p> <p>Percentage of suppliers that received an excellent rating</p> <p>84.5%</p> <p>Percentage of obtaining environment management system certification</p> <p>95.6%</p> <p>Percentage of obtaining safety and health management system certification</p> <p>72.5%</p>
<p>Incentives for resident suppliers (accrued from 2013 to 2023)</p> <p>Cumulative no. of companies: 70</p> <p>Cumulative amount: KRW 71.5 billion</p> <p>Support for Sharpening the Competency of Employees in Suppliers and Securing Talents</p> <p>Free job training</p> <p>181 companies 6,148 people</p> <p>Suppliers' recruitment fair</p> <p>30 companies 295 people</p>	

Goal for Sustainability Management for Suppliers

Goal	2023 performance	2024 target
Supplier risk management	Pilot operation of the third-party validation for four companies	Expanding pilot operation of the third-party validation towards 28 companies
Conflict minerals management	Trade exclusively with refineries with RMI RMAP certification	Trade exclusively with refineries with RMI RMAP certification
Compliance monitoring system operation	Fair trade status management covering domestic suppliers	Fair trade status management scope extended to overseas subsidiaries
Win-Win Growth Index	Highest rating	Highest rating

¹⁾ All relevant quantitative data can be found in the ESG Factbook in Appendices.

Samsung Display, a leading global display producer, upholds the human rights of all stakeholders, encompassing our workforce, across every facet of our production and administrative operations, demonstrating an unwavering dedication to principled human rights governance.

GOVERNANCE

Governance

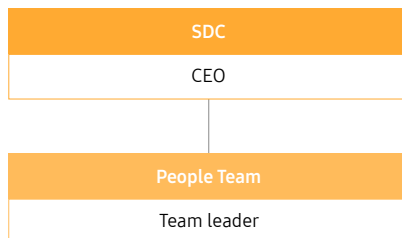
Human Rights Management System

Human Rights Principles | Samsung Display is committed to aligning with international human rights standards, including the Universal Declaration of Human Rights (UDHR), the Guiding Principles on Business and Human Rights (UNGPs), the OECD Guidelines for Multinational Enterprises, the UN Convention on the Rights of the Child, and the International Labour Organization Conventions. We ensure respect for human rights in accordance with the local laws of the countries where we operate. As part of the Responsible Business Alliance (RBA¹⁾), we steadfastly uphold the RBA Code of Conduct and conduct regular reviews to maintain our compliance.

¹⁾ Responsible Business Alliance

Scope of Application | Our human rights principles are universally applicable to all stakeholders, encompassing Samsung Display employees, temporary staff, supplier personnel, customers, and local communities. We mandate that our suppliers and business partners adhere to equivalent or comparable standards, as we are committed to halting, preventing, mitigating, and addressing any adverse effects on human rights.

Human Rights Management Organizational Chart



Top management overseeing human rights management

CEO

Dedicated organization in charge of human rights management

People Team

No. of law violations involving human rights

0

Case

Human Rights Management System | Samsung Display's People Team, along with pertinent departments, actively manages the influence of our business operations on stakeholders' human rights. By consistently engaging with both internal and external stakeholders, conducting self-audits, third-party verifications, and human rights impact assessments, we implement strategies to detect, avert, and lessen risks and infractions concerning human rights. These efforts are deliberated in the quarterly ESG Management Council, presided over by our CEO, where key management decisions are made.

[Samsung Display Human Rights Policy](#)

Principles of Our Human Rights Policy

- | | | | | | |
|----|--|--|----|--|--|
| 1 | Respect of human rights | | 2 | Ban on discrimination | |
| 3 | Ban on child labor | | 4 | Compliance with the minimum employment age | |
| 5 | Ban on forced labor | | 6 | Compliance with working hours | |
| 7 | Minimum wage practices | | 8 | Guarantee of occupational safety | |
| 9 | Protection of human rights of local residents | | 10 | Guarantee of the freedom of association | |
| 11 | Operation of on/offline complaint handling systems | | | | |

Strategy

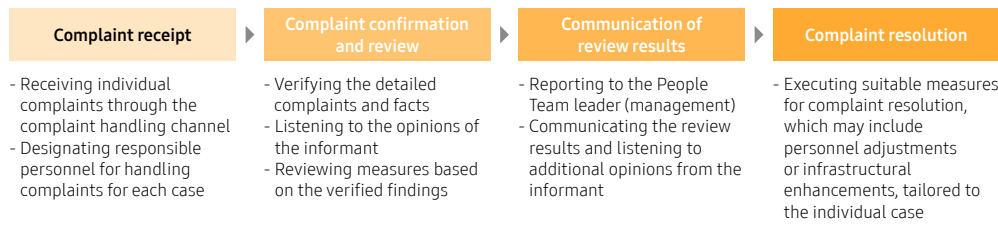
Complaint Handling and Relief Procedures

Two-way Communication Channel | Samsung Display's 'Say+' stands as our flagship communication conduit. It facilitates open dialogue, enabling the receipt and addressal of employee-driven enhancement proposals, as well as the exchange of insights and advice. When employees submit suggestions or queries, subject-matter experts, including leaders and frontline workers, directly furnish responses, bolstering the trustworthiness and timeliness of the feedback. Moreover, 'Say+' functions as a dynamic forum for direct interaction and idea-sharing among all staff members, including executives and the CEO.

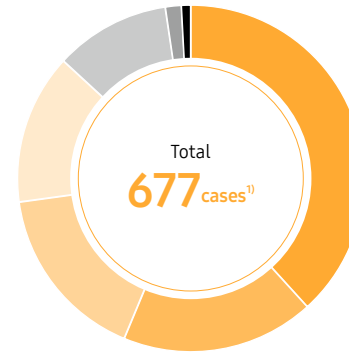
Management's Efforts for Engagement | Samsung Display engages with employees through diverse communication platforms, including CEO Vlogs and 'Human Contact' sessions. Furthermore, we encourage regular departmental gatherings to disseminate the latest company updates, strategic management guidance, and address employee inquiries.

Complaint Handling Channel | Samsung Display maintains a dedicated internal channel to address employee grievances, attentively hearing their issues and unease. We appoint dedicated representatives in each department to ensure prompt resolution of complaints. Additionally, we uphold a reporting system through the 'Shinmungo' (whistleblower) platform and the Labor-Management Council's complaint handling board. The 'Shinmungo' system safeguards the anonymity of reporters, facilitating the reporting of conduct detrimental to our organizational ethos or instances of misconduct, including alcohol-related incidents, sexual harassment, and workplace bullying. Based on the report's details, we take suitable disciplinary actions or personnel measures following our workplace harassment procedures. Concurrently, we offer individual counseling services with professional counselors to support the rapid rehabilitation of affected individuals. The Labor-Management Council's bulletin board processes inquiries or complaints about various domains, such as systems and infrastructure, ensuring that pertinent departments enact appropriate measures.

Complaint Handling Process



Complaint Handling Channel Operation Performance (Complaint Reporting Status)



Working environment	259 cases	38.3%
Other suggestions	122 cases	18.0%
Safety and health	112 cases	16.5%
Work improvements	95 cases	14.0%
Working condition	73 cases	10.8%
Bullying/sexual harassment/discrimination	10 cases	1.5%
Personal complaints	6 cases	0.9%

1) Of the total 677 cases received through the complaint handling channel, 471 were complaints. The rest were simple suggestions or solutions.

Complaint Handling Channel for Human Rights Protection within the Company

Channel	Details
Say+	Samsung Display's representative communication and complaints board, where employees' inquiries and suggestions are checked by the person in charge, and feedback & actions are taken as soon as possible.
Shinmungo	It is a channel where the identity of the informant is protected, allowing them to report complaints such as workplace sexual harassment or bullying that they cannot discuss with others. Individual feedback is provided regarding the verification of the reported content and the results of actions taken.
Labor- Management Council	It is a channel for receiving various inquiries and complaints related to the company. (Suggestions for infrastructure/ system improvements, etc.)
On-site Representative	Assignment of personnel in charge of labor management (ER) and organizational culture (CA) in each department - Each department designates and operates an on-site representative who can, after checking, immediately take action on matters that can be dealt with within the department, ranging from minor departmental improvements to individual concerns. - Manufacturing divisions with a large number of female employees designate a separate female ER.
Complaint handling box by department	Additionally, an anonymous complaint handling box is in operation to communicate departmental improvement suggestions.

Human Rights Education | Samsung Display carries out yearly education sessions on the prevention of workplace sexual harassment and bullying, alongside disability awareness programs, for all employees to cultivate a culture of human rights respect. We remain dedicated to nurturing a wholesome organizational environment where mutual respect is actively practiced among peers, extending beyond mere prevention.

STRATEGY

Commitment to Diversity and Inclusive Culture Expansion

Strengthening the Utilization of Female Workforce | Samsung Display honors the dignity and diversity of every individual, fostering an atmosphere where a culture of mutual respect thrives. We are committed to the career progression and equitable opportunities for our female staff, nurturing future women leaders. To support work-life balance, we actively offer a range of leave options for pregnancy, childcare, infertility, and family care. Additionally, we provide a flexible working hours system for family commitments. Our maternity leave extends up to two years, surpassing the statutory period, and is available in segments to accommodate the diverse needs of employees during childcare.

Samsung Display upholds a 100% compensation parity between women and men across all career stages, guaranteeing gender-neutral remuneration for both executives and employees. We provide equal pay for employees regardless of gender, with a 100% compensation ratio for women compared to men at all career levels. As of the end of 2023, the proportion of female executives was 4.6%, a drop of 0.2% compared to the previous year. We aim to elevate the proportion of female executives to 1.5 times the current level by 2030. The proportion of female employees was 42.4%, and the proportion of women in the Director level was 14.0%. The new female hires in U level(New hires) accounted for about 33%, which demonstrates our commitment to utilize more female workforce in the display industry.

Support for Employees with Disabilities | Samsung Display strategically assigns employees with disabilities to suitable departments, valuing their preferences and strengths to optimize their potential. We facilitate regular meetings and initiatives to help them navigate professional and personal challenges. We also offer robust support for employees with disabilities, including financial assistance for acquiring disability aids for them and their families, and providing paid leave for medical appointments related to disability care.

Support for Adaptation of Foreign Employees | Samsung Display offers a suite of programs designed to ease the transition for international employees and their families relocating to Korea. We run a dedicated Global Help Desk tailored for our foreign staff in Korea, providing essential information and services, including visa assistance, to facilitate their integration. Our commitment to supporting these employees and their families is comprehensive, ensuring a smooth settlement process. Additionally, we offer an automatic translation system available in 11 languages, encompassing Korean, and provide Korean language education to enhance workplace communication.

2023 Percentage of female employees (domestic and international)

42.4 %

In-house female network groups

- SMW: 'SDN (Indian Subsidiary)' Married Women
- SSW: 'SDN (Indian Subsidiary)' Single Women

Number of Labor-Management Council meetings held

4 times

Female Network Groups in Oversees Subsidiary (India) | Samsung Display values the cultural diversity of its international employees and actively fosters collaboration and mutual understanding among colleagues. Employees willingly establish shared network groups, including women's and parents' networks, to participate in and communicate via a variety of activities such as mentoring, volunteering, and cultural events.



In-house network groups among female employees (Indian subsidiary)

Facilitation of Labor-Management Communication

Labor-Management Cooperation and Communication | Samsung Display's labor-management council, an equitable assembly of labor and management representatives, engages in regular dialogues and addresses grievances to enhance the workplace environment. We also uphold fundamental rights, including the formation of labor unions, and maintain open lines of communication through the ratification of collective and wage agreements. The collaborative endeavors and interactions with the labor-management council and labor unions are disseminated to our employees via Say+ announcements and CATV, ensuring they remain well-informed.

Major Issues Discussed between Labor and Management

Category	Details
Major activities with the Labor Management Council	Regular Labor-Management Council meetings (quarterly held)
	Wage Negotiation TF in 2023
	Addressing employees' complaints through frequent meetings
Major activities with labor unions	Gathering and improving various opinions from employees, including matters involving facility improvement
	Concluded a wage/union agreement in 2023 (negotiations held for the 13 th round)

Risk Management

Activities to Prevent Human Rights Risks

Since the introduction of the UN Guiding Principles on Business and Human Rights, Samsung Display has been establishing a corporate culture that prevents human rights violations and respects human rights in order to respond to the changing corporate environment. To this end, we are establishing policies and processes to identify and prevent potential human rights violations of executives, employees, and stakeholders. If risks of human rights violations are identified, we manage human rights risks by implementing risk mitigation measures and tracking their effectiveness.

RBA Third Party Assurance (VAP) | As a member of the RBA, Samsung Display strives to prevent and resolve negative impacts on human rights by utilizing various methods, such as conducting the RBA Self-Assessment (SAQ) every year and conducting RBA third-party inspections every two years. To date, RBA third-party inspections have been conducted on a total of 4 business sites, of which 3 businesses have achieved the highest rating, RBA Platinum, and 1 business has achieved Silver rating.

* VAP : Validated Assessment Program

RBA Audit Compliance Rate by Subsidiary (No. of Non-compliances)

(Unit: %)

Manufacturing subsidiaries	Compliance Rate	Labor	Health and safety	Environment	Ethics	Supply chain management
Korea (Asan)	100	100	100	100	100	100
China (SDD)	100	100	100	100	100	100
China (SDT)	97.8 (2cases)	100	91.7 (2cases)	100	100	100
Vietnam (SDV)	100	100	100	100	100	100

Non-compliance Items from RBA Audit (No. of Items)

* As of January 2023 - June 2024

Management area	Type	Non-compliance	Correction completed	Correction in progress	Management area	Type	Non-compliance	Correction completed	Correction in progress
Health and safety	Occupational safety	1	-	1	Health and safety	Safe maintenance of machinery	0	-	-
	Emergency response plan	0	-	-		Sanitation, food and housing	0	-	-
	Industrial accident and illness	0	-	-		Risk assessment	1	-	1
	Industrial hygiene	0	-	-		Communication	0	-	-
	Physical labor	0	-	-		Performance review and continued improvement	0	-	-

Identification of Actual and Potential Human Rights Impact | Samsung Display proactively identifies and mitigates potential human rights risks through a comprehensive approach. This includes self-evaluations by our internal specialists, third-party reviews adhering to RBA guidelines, and addressing grievances raised by our executives, employees, and stakeholders. We also consider feedback from local communities around our facilities, media reports, and interactions with our suppliers and industry associations.

Major Human Rights Impact | Samsung Display categorizes key human rights risks as areas that could significantly influence our business operations. These primary risks encompass the presence of forced labor, child labor, assurance of work hours and rest intervals, and freedom of movement. Lately, our focus has been on effectively addressing employee grievances. We process these through the Labor-Management Council and communication boards, coupled with a systematic approach to regularly solicit and consider employee feedback.

Human Rights Impact Assessment and Human Rights Impact Analysis | In 2024, Samsung Display is proactively addressing the enhancements highlighted by the 2023 human rights impact evaluation. Although no critical issues necessitating immediate intervention were discovered, we are in the process of formulating internal policies and procedures to consistently identify, monitor, and confirm the efficacy of the Human Rights Impact Evaluation, ensuring its ongoing operation.

Human Rights Policy Monitoring

HIGHLIGHT

Samsung Display monitored evolving laws and regulations pertinent to human rights in 2023, thereby additionally establishing policies on the ban on child labor, guarantee of occupational safety, and human rights protection for local residents.

Ban on Child Labor

We are committed to prohibiting the employment of children aged 15 or below or the aged under the legal working age prescribed by each nation. In instances where child labor is identified, we facilitate the return of these children to their homes or ensure they fulfill their compulsory education, respecting their personal desires. Furthermore, once these individuals reach the lawful age for employment as defined by legislation or our internal guidelines, we do not decline their job applications.

Guarantee of Occupational Safety

Samsung Display supports a safe and sanitary work environment. We not only comply with industrial and safety laws of each nation but also identify potential hazards in advance through workplace risk assessment to select training and operation methods tailored to the level of risk. We also install safety signs for hazardous or dangerous facilities and provide workers with the necessary safety gear. Moreover, we offer training to elevate the safety awareness for workers while convening the Industrial Safety and Health Committee meetings engaged by workers and the management with an aim to listen to field operators' grievances in regard to occupational safety.

Human Rights Protection for Local Residents

We conduct preliminary impact assessment for safeguarding human rights of local communities during the operation of our business sites and in the process of building or expanding new facilities. The results of the assessment are shared with communities.










METRICS AND TARGETS

Metrics and Targets

Samsung Display has set metrics and targets to enhance its human rights management.

Quantitative Performance¹⁾ for Human Rights Management Enhancement

2023 Performance

Communication Related to Human Rights	Labor-Management Communication
<p>No. of employees attending mutual respect culture education</p> <p>21,038 people</p> 	<p>No. of Labor-Management Council meetings held</p> <p>4 times</p> 
<p>No. of employees participating in disability awareness education</p> <p>21,038 people</p> 	<p>Human rights risks prevention and alleviation</p> <p>No. of incidents of discrimination, including workplace bullying</p> <p>8 cases</p> 
<p>Promotion of Diversity and Inclusion</p> <p>Percentage of new female hires</p> <p>64%</p> 	<p>No. of complaints received through complaint channels</p> <p>471 cases</p> 
<p>Percentage of female employees</p> <p>42%</p> 	<p>No. of complaints resolved</p> <p>471 cases</p> 
<p>Employment rate of the disabled</p> <p>1.9%</p> 	

Target for Strengthening Human Rights Management

Target	2023 Performance	2024 Target
100% compliance with RBA third-party audit regulations (Starting from 2021 for campuses that produce Samsung Display products)	Achieved 100% compliance with audit regulations (3 out of 5 campuses achieved Platinum level)	100% compliance with audit regulations
Monitoring human rights laws and regulations	Continuously checked and monitored the new and revised domestic and international laws involving human rights management	Continuous checking and monitoring domestic and overseas human rights-related laws revision and regulations and immediately reflect changes in internal regulations to strengthen human rights management
Providing human rights education	Implemented mandatory training once a year targeting all employees	Planning on establishing and operating courses on international human rights standards and remedies for violations guided by the National Board for Human Rights Management

¹⁾ All relevant quantitative data can be found in the ESG Factbook in Appendices.

Human Resources Development

Samsung Display is engaged in various activities under the supervision of executives to secure outstanding talents, strengthen the capabilities of employees, and foster leaders. At the beginning of the year, we set mid- and long-term goals and detailed tasks for each department for implementation. Each task is discussed in executive meetings.

Talent Cultivation Strategy

Talent Recruiting Strategy

Diversity- and Inclusivity-Oriented Fair Recruitment System

Securing Outstanding Talents | Samsung Display is carrying out diverse activities to secure excellent talents who possess creativity, challenging spirit, and global capabilities. We pay visit to major universities in Korea and around the world to provide online and offline company presentations, operate recruitment consulting booths, host invitation events for university students, and run a scholarship program to secure excellent students in advance. Also, we are constantly recruiting ph.D-level professionals and experienced talents in Korea and abroad.

In terms of hiring, we eliminate discriminative factors such as sex, age, country of origin, and religion, which are irrelevant to one's capabilities. We have established and abide by the 'Samsung Display Human Rights Policy' that encompasses these principles.

Hosting Global 'Tech Forum' | Since 2022, Samsung Display has hosted 'Tech Forum' to attract outstanding global talents. At Tech Forum 2023, Samsung Display's executives presented the company's major products, technologies, and business vision, and had interactive discussions with invited ph.D-level talents specializing in future display technologies. Especially since this forum started in the US in 2022, the scope of the forum was expanded to three locations, including the US, Europe (Germany), and Japan in 2023. Our objective is to foster communication on technical advancement in the display industry with global talents from diverse locations, aiming to secure excellent talent through this exchange.



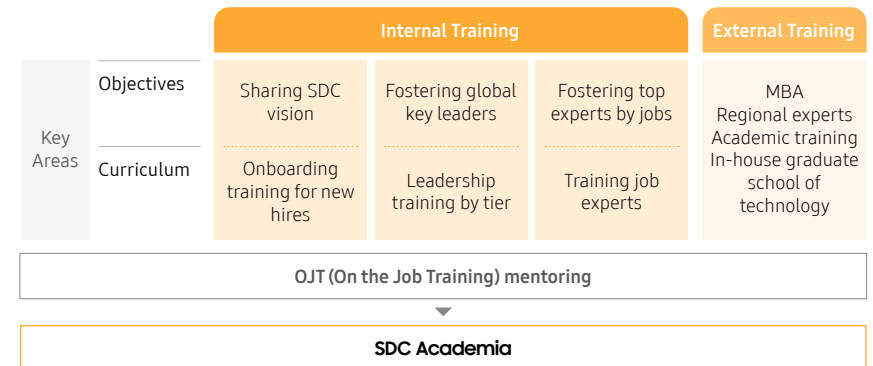
Tech Forum 2023

Talent Cultivation Strategy

Job Competency Development and Leadership Cultivation

Talent Cultivation System | Samsung Display offers various support to enhance the competency and foster the growth of its employees. We aim to drive sustainable growth and set forth future directions by instilling the core value of 'Talent First' in the thoughts and actions of all our employees. Firmly believing that the 'Company is Its People,' we place significant value on talent and endeavor to create opportunities for individuals to unlock their full potential.

Our Talent Cultivation System



Diagnosis of Job Skills and Employee Competency Enhancement | Samsung Display operates in-house training programs that employees can participate in based on their career stage, including Master of Business Administration (MBA) and academic training both domestically and internationally. In March 2021, Samsung Display launched an internal education system called 'SDC Academia,' recognizing self-directed learning as essential for sharpening job expertise and boosting continuous growth. Through this system, we support the enhancement of employee competencies by offering programs for reskilling during business restructuring and learning new technologies. We operate a total of 12 'Learning Campuses,' each dedicated to different educational fields such as jobs, foreign languages, leadership, AI, and more. This setup allows employees to learn in their preferred sectors.

Training hours per capita (domestic)

61 hours

Total training expenses for domestic employees

KRW

16.6 billion

Average number of training sessions per employee

29 times

Human Resources Development

Empowering Facility Engineer to Polish Their Expertise on SW and AI

As Samsung Display considers outstanding talents a core asset of the company, we implement various programs not only to secure outstanding talents and enhance employees' professional skills but also to ensure employee competency in adapting to changes in the work environment.

Enhancing Facility Engineer Capabilities | At the manufacturing technology academy, Samsung Display nurtures facility engineers by providing step-by-step and customized facility training and implementing a certification system to help them build capacity for equipment repair and maintenance / remodeling and improvement. We also support education in various fields including 8 systems, facility control, element technologies, diagnosis, design, and analysis, capitalizing on our outstanding internal and external educators and education infrastructure. Utilizing the LEAD certification system, which includes tracks from IM → AD → Pro → Expert, Samsung Display is guiding employees toward a growth vision aimed at achieving future roles such as FE-Pro and Facility Maestro, representing top internal facility expertise.

Career Path for Facility Engineers



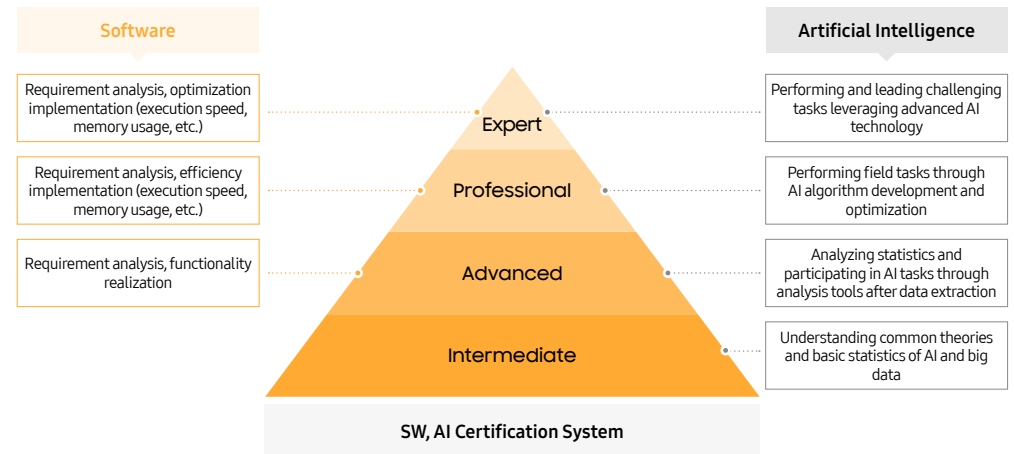
Providing Opportunities to Strengthen SW and AI Competencies

Samsung Display operates development programs and certification systems to enhance employees' software (SW) and AI competencies. We provide a range of training courses, from basic to top expert levels, allowing individuals to receive training that matches their skills. Upon completion of each level, employees are rewarded with corresponding incentives. Specifically in the SW field, we have introduced a new Architect training course for structural design experts. Over the past year, we have nurtured software architects through advanced design theory learning, practical exercises, and project implementation. In the realm of AI, we have implemented an AI certification system. As a result, approximately 30% of all employees have achieved certification for basic AI competencies. We have further divided the training courses by technical sectors, leading to the development of a significant number of specialists.

Additionally, Samsung Display has been hosting an AI contest to stimulate advancements in AI technology. This contest is nurturing a new generation of AI talent, who are tackling real-world problems in innovative ways. The use of AI-related challenges in these contests, as well as the application of AI in post-competition projects, is on the rise, leading to an accelerated pace of both quantitative and qualitative growth.



AI Contest 2023

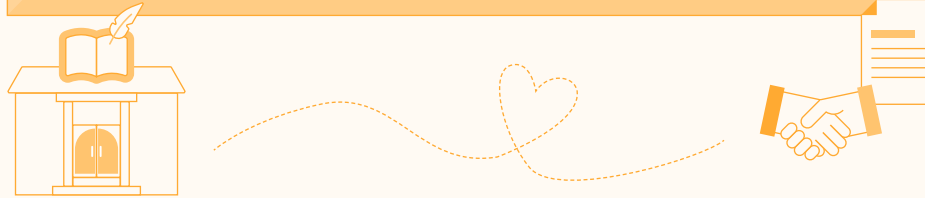


Human Resources Development

Expanding Display Track Program

HIGHLIGHT

Samsung Display offers display education courses by selecting outstanding talents from each university. It operates and expands the 'Display Track' program, which is a recruitment-linked education program providing scholarship support and guaranteeing employment after graduation. Starting from Seoul National University and POSTECH in 2019, the scope of the program expanded to include KAIST in 2022. It now encompasses a total of eight universities, with new agreements signed in 2024 with Korea University, Sogang University, Sungkyunkwan University, Yonsei University, and Hanyang University.



Employee Evaluation and Compensation

Fair Evaluation and Motivation

Samsung Display puts into place a series of procedures aimed at fostering employee development. Our approach begins with setting individual task objectives during department head meetings, aligning these with our shared goals. We ensure regular mutual feedback and manage goals effectively to guarantee a fair evaluation process. All employees (100%) undergo fair performance evaluations, resulting in appropriate compensation. Additionally, regular or ad-hoc awards ceremonies are hosted, reflecting the outcomes of projects and recommendations from collaborating peers, with the aim to motivate team members and cultivate a culture where cooperation is activated.

Evaluation Process



Regular awards ceremony for top performers (during the 11th anniversary celebration in 2023)

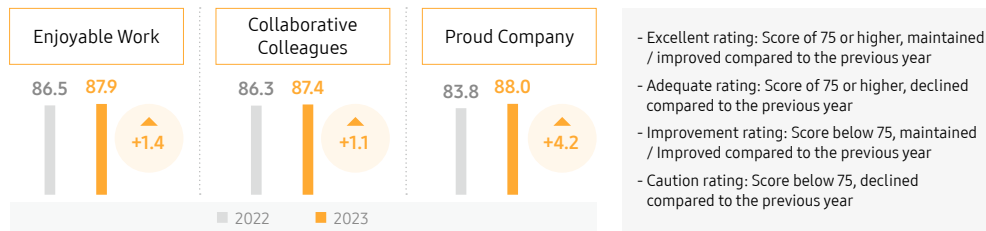
Work & Life Balance

Samsung Display strives to forge a healthy organizational culture through various employee communication programs. We are committed to improving the work environment and expanding welfare programs to enhance the quality of work and life for our employees.

Organizational Culture Refinement

Employee Job Satisfaction and Organizational Culture Survey

Employee Job Satisfaction Survey (SCI) | Samsung Display conducts the Samsung Culture Index (SCI) survey, Samsung's unique organizational culture diagnostic developed by Samsung Global Research, annually among all employees to provide a comprehensive diagnosis of organizational culture health (strengths, improvements). The SCI is comprised of 30 questions, 12 items, and three domains: enjoyable work, collaborative colleagues, and proud company. In the 2023 Organizational Culture Health Survey (SCI), 91.8% of all employees participated, achieving 'excellent' ratings across all three major SCI areas. This means that employees who participated in the survey are generally satisfied with their company's organizational culture across all three areas, including job satisfaction, department satisfaction, and company satisfaction.



- Excellent rating: Score of 75 or higher, maintained / improved compared to the previous year
- Adequate rating: Score of 75 or higher, declined compared to the previous year
- Improvement rating: Score below 75, maintained / Improved compared to the previous year
- Caution rating: Score below 75, declined compared to the previous year

SCI Components and Basic Concept

Enjoyable Work	Collaborative Colleagues	Proud Company
<p>This area consists of voluntary willingness and passion to achieve work goals, efficient utilization of time and resources, and a culture of personal growth through work. The individual's job satisfaction level forms the basis for productivity improvement and goal achievement, creating a positive organizational culture.</p>	<p>This area reflects the level of trust in colleagues and superiors. Mutual trust comes from superiors showing respect and consideration for subordinates, and subordinates trusting and following their superiors. This manifests as camaraderie, where colleagues empathize with each other's achievements and difficulties.</p>	<p>This area measures the level of trust in the company's systems, policies, and management. Operating systems fairly, without discrimination based on age or gender, and maintaining transparent communication between the company and its members, are fundamental to fostering a sense of organizational pride.</p>

Organizational Culture Satisfaction Survey (VCC Survey) | Samsung Display conducts the VCC Survey¹⁾, an organizational culture satisfaction survey, twice a year, and strives to improve the company's credibility through the process of 'listening,' 'improving,' and providing 'feedback' to employees' voice. In response to inefficiencies and unreasonable factors identified through the VCC Survey, Samsung Display establishes improvement measures for each organization and promptly remediates the factors to enhance employees' job satisfaction and work engagement.

1) VCC Survey: Voices, Change our Culture



Organizational Culture Improvement Activities

Awarding the Best Practices in Organizational Culture | In an effort to actively encourage field-driven initiatives for organizational culture refinement, Samsung Display holds the 'Culture Fair' event every year to discover and award best practices of organizational culture by department.

In November 2023, Samsung Display hosted the '2023 Culture Fair B.T.S (Be the best Team in SDC)' event at Asan 2 Campus. The event showcased the achievements of five teams selected as exemplary in organizational culture activities, following preliminary and final evaluations. At Samsung Display, leaders and team members come together to thoughtfully consider and relentlessly pursue changes, resulting in optimal harmony, consistent and impressive activities, and a unique performance that distinguishes us from other teams. These various instances are shared, serving as a catalyst to establish our own unique culture.

Work & Life Balance

Various Employee Communication Programs | Samsung Display puts into place a crucial ‘communication’ program to cultivate a strong organizational culture. We hold a biannual event called the ‘Human Contact Meeting’ with our CEO, where we discuss our current management status and future vision. During ‘Shredder Time,’ where employees anonymously submit questions upon entry, the CEO provides candid answers. This facilitates two-way communication based on empathy and trust among employees, enhancing organizational engagement and communication. Ultimately, this initiative is laying a strong foundation for organizational culture communication.



Awards for best practices and a communication event between CEO and employees

Enhancing Company Loyalty with Various Merchandise | By collaborating with the brand, Wiggle Wiggle, which matches with Samsung Display’s flagship CSR initiative, the Mujigae Project (Support for Free Eyesight Recovery), Samsung Display has created tin cases and band-aids symbolizing healing. We have also created rainbow socks adorned with our core patent, the Diamond Pixel logo, to remind us to always keep our patents in mind and close at hand. Additionally, in commemoration of the 11th anniversary of inception, we produced ‘Diplo Pepero’ in collaboration with Lotte Wellfood’s Pepero. We presented these products as gifts to our employees, sharing a delightful time in the work life.



Collaboration of merchandise

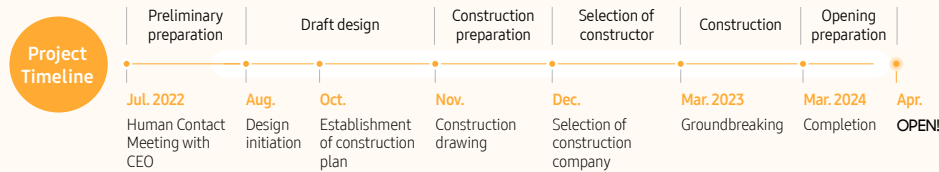
New Parking Tower at Asan 2 Campus (A Case Reflecting Employees’ Grievances) HIGHLIGHT

During the ‘Human Contact Meeting’ in July 2022, CEO Choi Joo-sun acknowledged the employees’ concerns about insufficient parking at the Asan 2 Campus. He committed to building a new parking facility in the latter half of the year to address this issue. In the following ‘Human Contact Meeting’ held in November, he unveiled plans for the new parking structure at Asan 2 Campus. This new facility is set to more than double the existing parking capacity. He emphasized, ‘At Samsung Display, we are steadfast in our commitment to continually address and resolve our employees’ needs and challenges.’

Open dialogue between the CEO and employees paved the way for the construction of a new parking tower at Asan 2 Campus. The construction project kicked off in March 2023 and was successfully completed, with the facility becoming fully operational in April 2024. The tower spans approximately 20,000 pyeong (66,115m²) and accommodates 1,980 vehicles. It is equipped with EV charging stations including 50 slow chargers and 1,200 low-speed outlets. Samsung Display remains committed to listening to employees’ concerns and strives to nurture a healthy organizational culture through continuous and effective communication.



The new parking tower at Asan 2 Campus



Event ‘There is CGV in SDC’ for Fun and Relaxing Company Life | Samsung Display hosted an in-house event aimed at offering a relaxing experience, challenging the notion of a rigid workspace environment. Named ‘There is CGV in SDC,’ the event brought the actual CGV movie theater experience to the company, offering free movies and popcorn to employees. This initiative began with the first in-house CGV movie screening event in 2022, followed by the organization of a nationwide movie premiere in 2023. These efforts fostered pride among employees in the company and the welfare it provides.



‘There is CGV in SDC’

Work & Life Balance

Family To Work! 2023 Operation of 'Invite Your Family To Work' Event | Samsung Display operates various events to give employees and their family members a joyful time. In 2023, we organized the 'Invite Your Family to Work' event, inviting approximately 26,000 family members. The family members were able to experience the campus environment, which is normally not open to them, take memorable photos with their loved ones, and allowed children to enjoy amusement park rides, items, and performances.



2023 'Invite Your Family to Work' event

Raising Employee Pride through the 'Autumn Rainbow Festival' | The 'Mujigae Project' stands as the cornerstone of Samsung Display's CSR endeavors, inspired by the Free Eyesight Recovery Support Project launched in 1995. 'Mujigae Day,' celebrated annually on May 2nd, orchestrates a series of festivities and initiatives that benefit schools for the visually impaired, welfare institutions, and individuals with ocular conditions. Starting from October 2023, Samsung Display launched the 'Autumn Mujigae Festival,' inviting approximately 5,000 beneficiaries of eye treatment, employees and their families, and local citizens to enjoy cultural performances. The event featured performances by popular artists such as Davichi, singer-songwriter Lee Moo-jin, and the winning team of Phantom Singer, 'Lapoem.' This initiative aims to reinforce the company's vision of connecting people and the world through advanced display technology, fostering a sense of pride and belonging among employees. Samsung Display remains committed to creating significant opportunities for individuals affected by eye diseases and promoting a healthy organizational culture through the Free Eyesight Recovery Support Project.

Launching of D.TORY, a Communication Platform among Samsung Display Employees

HIGHLIGHT

Samsung Display's distinctive communication platform, D.TORY, has been significantly enhanced from its former version, MOSAIC, with valuable input from employees on its naming and logo. D.TORY features a simple and intuitive user experience (UX) designed to improve usability. It enables users to quickly access ongoing contests, surveys, and subscribed posts. Integrated with our internal messenger, Knox, D.TORY enhances convenience for all users.

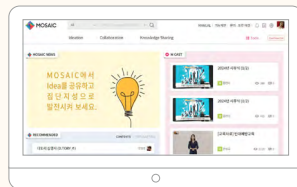
The contest feature on D.TORY specifically gathers diverse opinions, ideas, and stories from employees while the community feature provides virtual meeting space for various departments and affinity groups, promoting the exchange of relevant news, insights, and experiences. As a platform representing Samsung Display's organizational culture, D.TORY will continue to strive to enhance effective communication among employees.



Mujigae Day and Autumn Mujigae Festival

Before

MOSAIC

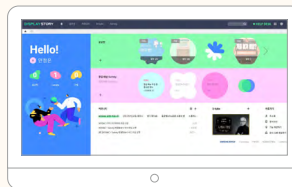


- 3 Main menu / 6 Sub-menu
- 4 Tools



After

D.TORY



- 4 Main menu
- 3 Tools

Regular Company Newsletter 'Brunch Time' | We foster close communication and align company-employee activities through our regular internal newsletter, 'Brunch Time,' which delivers various company updates in a magazine format and highlights diverse organizational culture activities. For the fun experience at the company, we organize a variety of quiz events with prizes that are well-received and generate enthusiasm among our employees.



Regular company newsletter, 'Brunch Time'

Improving Quality of Life of Employees

Creating Employee-oriented Work System and Working Environment

Samsung Display is continuously improving the working environment to ensure employees can fully engage in work within a safe and flexible environment. Additionally, we have instituted a long-service leave policy to afford long-serving employees an opportunity for rejuvenation.

Implementing Flexible Working Hour System | Samsung Display is operating a 'flexible working hour system' to achieve employees' work-life balance and expand the autonomy of working hours. Through fostering an employee-centered and efficient work culture, we hope to satisfy the demands of our employees on work-life balance and enhance our competitiveness as a global company.

Implementing 'D-Day' Program that Exempts Employees from Obligation to Work | In July 2023, Samsung Display implemented a 'D-Day' program that exempts employees under a flexible working hours system from the obligation to come to work for one day each month. This day is scheduled on the Friday of the week containing the payday, enabling employees to enjoy consecutive weekend rest and facilitating refreshment. Samsung Display actively encourages employees to take advantage of this program.

Introducing Hourly Unit Leave and Annual Leave Rollover | To expand the flexible work culture, Samsung Display allows employees to use their annual leave in the hourly unit. Additionally, employees have the option to carry over up to three days of annual leave to the following year, providing flexibility for extended vacations if desired.

Creating a Virtual Work Environment | Samsung Display is expanding its non-face-to-face work environment by establishing infrastructures that enable employees to attend meetings from in-house video conferencing rooms or their personal PCs. This initiative aims to reduce travel time and enhance work engagement.

Maternity Protection Program | Samsung Display operates a system that goes beyond legal requirements to support pregnant employees as much as possible. For pregnant employees to rest comfortably during working hours without additional constraints, we have established 15 maternity protection rooms equipped with amenities such as breastfeeding spaces, water purifiers, and refrigerators (4 in Asan1, 6 in Asan2, 1 in Cheonan, and 4 in Giheung). Additionally, we implement various measures for pregnant employees such as priority seating on commuter buses, designated parking space, regular distribution of iron supplements and milk, and more. Furthermore, Samsung Display offers support programs for employees' childcare needs, including a spouse childbirth leave system and operation of an in-house daycare center. In 2023, we extended the reduced working hours period during pregnancy to cover the entire pregnancy period and increased the number of times spousal childbirth leave can be split to two times, continuing to expand our maternity protection measures beyond legal requirements.

Maternity Protection Program

	Type	Legal Standard	Company Standard
Preparing for pregnancy	Infertility leave	3 days per year (paid, 1 day)	5 days per year (paid)
	Infertility leaves of absence	-	1 year
	Infertility medical expenses	-	KRW1 million a year
Pregnancy	Fetal check-up	Until 28 weeks, once every 4 weeks	When employees pregnant less than 28 weeks need extra check-up, can use the leave limitlessly
	Shortened working hours during the pregnancy	Within 12 weeks of pregnancy, after 36 weeks - shorten 2 hours a day	Shorten 2 hours a day, in entire pregnancy (Period exceeding the legal standard is unpaid)
	Pregnancy leave of absence	-	10 months
Childbirth	Spouse miscarriage/ stillbirth leave	-	3 days (paid)
	Spouse childbirth leave	10 days (once partition)	Single birth 15 days, multiple birth 20 days (twice partition)
	Maternity leave	1 year	2 years
	Maternity leave reboarding break	-	6 days

Managing and Promoting Employee Health

Health Checkup and Follow-up | After the end of COVID-19, Samsung Display introduced a range of health promotion programs, including new in-person activities, clinics, and campaigns. We offer regular health checkups for all employees, encompassing general, special, and pre-deployment examinations. Additionally, we provide comprehensive and lifetime checkups, which include detailed examination options. Employees with abnormal findings receive personalized one-on-one specialist consultations and health management programs. Furthermore, based on medical examination results, we identify high-risk groups for intensive management to ensure proactive healthcare for our employees.

Disease Prevention | Samsung Display supports employees in enhancing their immunity to prevent diseases. Annually, we provide flu vaccinations periodically and provide in-house immunizations for diseases such as hepatitis A, hepatitis B, cervical cancer, and tetanus all year round. For employees engaged in inspection work, we supply nutritional supplements that protect eyesight and support ocular health. Additionally, we offer supplements to individuals diagnosed with vitamin D deficiency. To further enhance employee wellness, we publish and circulate twice a month health information magazine titled 'Health Talktalk,' delivered as card news.

Work & Life Balance

Health Enhancement Program

Management areas	Category	Details
Muscular skeletal disease management	Muscular skeletal disease	<ul style="list-style-type: none"> Musculoskeletal body type analysis and balance correction Program to promote joint stability and mobility
	Visiting stretching	<ul style="list-style-type: none"> Sports advisor visits on-site Coaching on working posture by work type and stretching
	Online stretching	<ul style="list-style-type: none"> Provide video of how to stretch by body parts
Intensive disease management	Managing ones with abnormal findings	<ul style="list-style-type: none"> Close 1:1 management from affiliated physicians
	Clinics by condition	<ul style="list-style-type: none"> Tailored health enhancing programs for obesity, abnormal blood pressure, and diabetes
Strengthening immunity and health improvement	Health campaign	<ul style="list-style-type: none"> Education on how to walk in the right posture using Nordic walking Operating Olle trails strolling program
	Health newsletter	<ul style="list-style-type: none"> Provide health information, including how to prevent and manage seasonal and infectious diseases
	Infections disease management / disease prevention	<ul style="list-style-type: none"> Vaccination on hepatitis A, hepatitis B, tetanus, and cervical cancer Providing Vitamin D, eye sight protection supplements
	Health lecture	<ul style="list-style-type: none"> Sleep coaching Weight management and weight loss education

Operating Health Promotion Facilities | Samsung Display operates in-house clinics such as physical therapy, clinical pathology, and radiology, as well as exercise centers and fitness centers to prevent musculoskeletal diseases, in order to manage and promote the health of the employees.

Operating Telemedicine Service | Samsung Display introduced a telemedicine service for overseas expatriates and their accompanying families in conjunction with general hospitals in Korea. The service provides medical consultations in 24 specialties and 2nd precision finding opinions on local medical records.

Welfare Programs for Work-Family Balance

Providing Various Welfare Programs | Samsung Display is committed to enhancing employees' work-family balance through a range of welfare programs in addition to statutory benefits. We strive to provide a healthy and improved working environment by continually operating diverse welfare initiatives.

Welfare Programs

Livelihood Support	Health coverage and medical benefits	Leisure life support	Support with welfare points	Other services
Support for various sector of livelihood such as commuting bus, cafeteria, dormitory, and tuition for children, company daycare center, congratulations and condolences support, and various pension and insurance benefits	Support for individual fitness and health management such as regular medical examinations and medical expenses support, fitness centers and company hospitals, and psychological counseling centers	Support for leisure activities including access to resorts and various leisure facilities such as Everland and Caribbean Bay, and club activities	Welfare points for leisure and cultural activities reflecting individual preferences	Counseling centers, legal counseling services, providing birthday/ childbirth benefit points

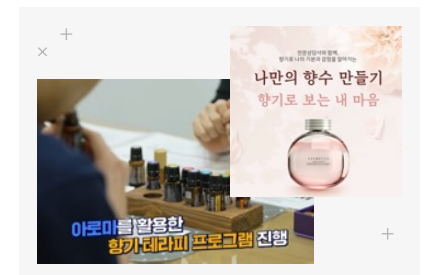
Programs for Mental Health Management

Operating Love Life Campaign | Samsung Display conducted a mental health campaign for employees on September 10th, Suicide Prevention Day. With the theme 'connecting you and me,' the campaign sought to repair pandemic-strained relationships and encourage the strength of connection via communication. Employees had opportunities to engage in both online and offline mental health quizzes alongside their colleagues and to undertake straightforward psychological assessments to measure their mental well-being.



2023 Love Life campaign

Operating Aroma Emotion Therapy Program | Samsung Display runs a program called 'Seeing My Mind Through Scent' aimed at enhancing employees' mental health and building resilience against seasonal and environmental factors that may affect psychological well-being. This initiative encourages employees to use aromatic oils to better understand their own psychological states. Professional counselors provide explanatory counseling sessions to assist employees in restoring their psychological well-being.



Aroma emotion therapy program

Operating Couple Counseling Program | Given that corporate counseling statistics indicate the main grievances among employees stem not from work-related stress but from family matters concerning spouses and children, Samsung Display offers a couples counseling program specifically designed to tackle these issues. This program utilizes tools like the couple satisfaction test, couple relationship type test, and child relationship test to assist couples in conflict and enhance their relationships.

Impact on Local Communities

Samsung Display aims to fulfill its responsibilities and duties in the development of local communities and country. To this end, we are implementing various social contribution activities based on coexistence and communication with local communities, building strong relationships with them underpinned by trust.

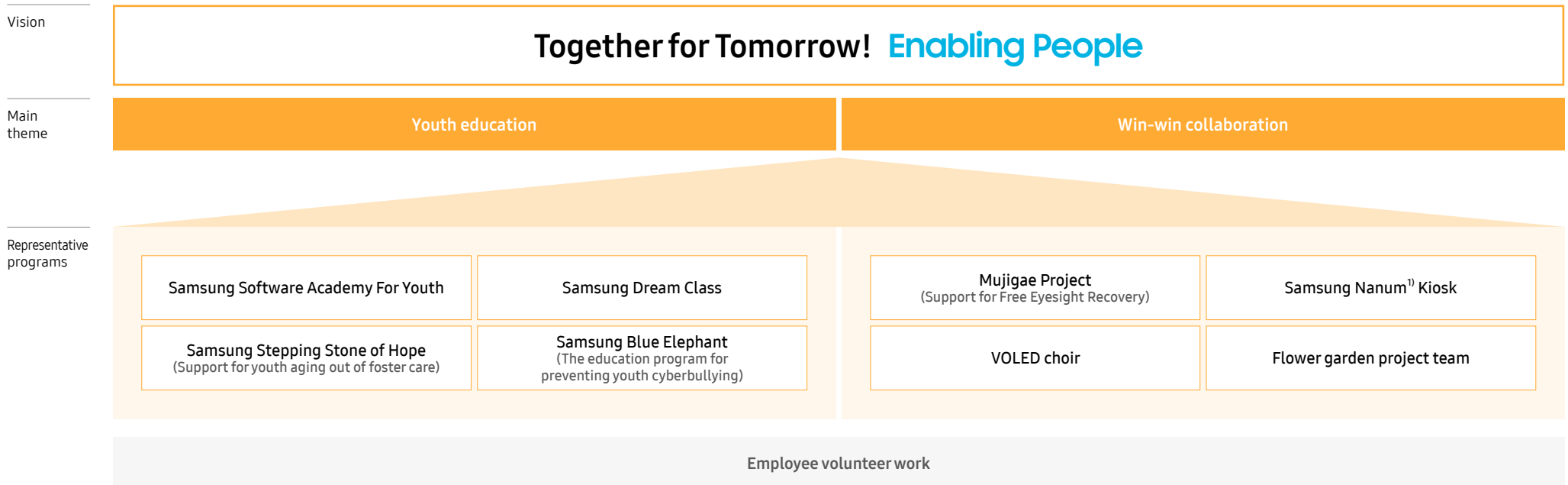
Framework for Community Impact Activities

Strategy for Promoting Community Impact Activities

Activities Based on Co-prosperity and Communication | Samsung Display is redefining its vision and themes to create community impact aligned with Samsung's management philosophy and core values. We are leveraging our capabilities and resources to promote social contribution activities aimed at addressing societal challenges. Our efforts focus on fostering empathy among employees around two core themes: youth education and win-win collaboration. We systematically organize impactful initiatives in collaboration with specialized non-profit organizations.

Garnering Opinions from Local Communities | Samsung Display actively accepts the voice of local residents and communicates with them by engaging in public, private, and academic meetings, and operating the consultative group for heads of villages in Tangjeong-myeon. Furthermore, we participate as a member of the community security council and directly identify any needs of support in the local community and relate it to social contribution activities.

Strategic Framework for Community Impact Activities



1) "Nanum" is a Korean word that means giving out money, goods, and services to those who need them without asking for anything in return.

Impact on Local Communities

Youth Education

Activities for Community Impact Creation

Focus Theme 1: Youth Education

Samsung Software Academy For Youth (SSAFY) | Samsung Display, in collaboration with other Samsung affiliates and the Ministry of Employment and Labor of Korea, supports theoretical and practical training through a software education program called 'Samsung Software Academy For Youth.' This program provides participants with training on algorithms, coding, web technologies, and more, tailored to different proficiency levels in the basic course. In the advanced course, participants can polish their practical skills using 4th Industrial Revolution technologies such as AI and IoT. In addition to the training, the program also offers job placement services by conducting employment support activities, including career consulting, connecting graduates with job opportunities at companies, and organizing job fairs.

2023 Major Achievements

From the inaugural class in 2018 to the 11th class, a total of 9,700 individuals participated in our program. These talented individuals have gone on to join over 1,200 major companies, including Samsung Electronics. As of the completion ceremony for the 9th class in December 2023, we're proud to report a cumulative employment rate of 85%, which means that over 5,000 of our participants have successfully found employment so far.



Samsung Software Academy For Youth

Cumulative
Employment rate
of Samsung Youth
Software Academy

85
%

Cumulative Number
of Samsung Dream
Class Participants

99,382
individuals

Samsung Dream Class | Aware of the serious social issue of growing disparities in dreams due to differences in educational environments, Samsung Display, in collaboration with other Samsung affiliates, is actively pursuing various initiatives that make a real impact. Their goal is to inspire and instill hope in young individuals who may find it challenging to chase their dreams on their own. An example of such an initiative is the 'Dream Class,' which was launched in 2012 in alignment with Samsung's core values of prioritizing 'Talent First' and 'Win-Win.' This program offers free tutoring in core subjects such as English and math to highly motivated, low-income middle school students, and we are steadily expanding its size and scope. In addition, we instill dreams and hope through college student mentors who serve as role models, and we encourage the students to connect with their mentors to help them realize their dreams and become the next generation of leaders.

2023 Major Achievements

With 700 university student mentors providing learning support to 6,905 middle school students in 2023, 25,222 university student mentors and 99,000 middle school students have participated in the program since its inception in 2012.



Dream Class

Impact on Local Communities

Youth Education

Samsung Stepping Stone of Hope | Samsung Display, along with other Samsung affiliates, supports the 'Stepping Stone of Hope' project. This initiative provides 1:1 customized, integrated case management service tailored to the individual capabilities of protected children and adolescents. Through public-private cooperation, the project aims to enhance their practical self-sufficiency. By 2022, 10 self-sufficiency support centers were established across 10 local government areas nationwide. The project focuses on promoting the social independence of adolescents aged 10 to 25 whose protection in childcare facilities has ended.

Stepping Stone Program

Self-Sufficiency Together	Personalized self-sufficiency consulting	Financial Education	Providing opportunities for economic independence, including education on financial values, healthy consumption habits, and entrepreneurship
Self-Sufficiency Community	Supporting clubs that foster a healthy self-sufficiency culture and broaden career exploration	Psychological and Emotional Support	Offering personalized psychotherapy programs
Salon de Leum	Enhancing confidence in self-sufficiency through a talk-concert with seniors who are already self-sufficient	Self-Sufficiency Algorithms	Leum reporters covering community resource utilization and careers of interest
		SpaceNLife	Training on effective home organization and management to build attachments

2023 Major Achievements

So far, 27,065 youths (on a cumulative basis) preparing for self-sufficiency have benefitted from the support. In 2023, the launch of Stepping Stone of Hope 2.0 marked the biggening of our comprehensive support for economic independence, including employment and career design training.



Samsung Stepping Stone of Hope

Cumulative Number of Beneficiaries of Samsung Stepping Stone of Hope

27,065
people

Cumulative Number of Samsung Blue Elephant Participants

940,000
people

Samsung Blue Elephant | Samsung Display, in collaboration with other Samsung affiliates and the Blue Tree Foundation, supports a youth cyberbullying prevention project, considering the fact that teenagers are easily exposed to cyberbullying. Since 2020, 'Blue Elephant' has selected and operated five major programs for elementary, middle, and high school students including cyberbullying preventive education, psychological counseling and recovery from cyberbullying, cyberbullying prevention culture promotion, academic research of cyberbullying, and cyberbullying prevention platform. We will continue to actively support the 'Blue Elephant' project to contribute to addressing the growing social issues related to cyberbullying among teenagers.

2023 Major Achievements

In 2023, 278,000 people participated in the 5 major programs we operated. From 2020 to 2023, approximately 940,000 youths took part in cyberbullying preventive activities.



Blue Elephant

Impact on Local Communities

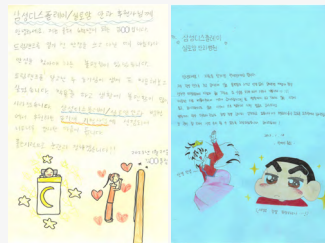
Focus Theme 2: Win-Win Collaboration

Mujigae Project (Support for Free Eyesight Recovery) | To bring visual delight to consumers, Samsung Display is making innovative display products through constant technological innovation and R&D. In an effort to offer practical support to individuals with limited visual capabilities and to contribute to our local community, we are delivering a free eyesight restoration project named 'Mujigae.' This name was chosen from a pool of suggestions submitted by our employees during a naming contest.

To assist beneficiaries of the Mujigae Project in visiting the clinic, we are training employee volunteers to provide transportation assistance and support for free ophthalmic treatments. We are also expanding the scope of beneficiaries to include children, adolescents, the elderly, and vulnerable individuals in rural and mountainous areas. Furthermore, to execute more specialized social contribution projects, Samsung Display has established a committee comprising five external experts in the fields of medicine and social welfare to enhance professionalism and credibility.

2023 Major Achievements

In 2023, 23 children and adolescents received support for eye surgeries through Samsung Display's Mujigae Project, with a total of 2,036 vulnerable individuals in the community benefiting from ophthalmic treatments and surgical expenses. This medical support initiative was launched in 1995, and as of 2023, across the Samsung Group, we have supported over 230,000 ophthalmic treatments on a cumulative basis.



Feedback from Mujigae Project Beneficiaries

Win-Win Collaboration

Cumulative Number of Beneficiaries for Mujigae Project

232,456

individuals

* Based on Samsung Group (1995-2023)

Cumulative Number of Participating Employees in Sharing Kiosk

11,864

individuals

Samsung Nanum Kiosk | Samsung Display installed kiosks on its campus and operates a Samsung Nanum Kiosk where employees can donate KRW 1,000 to support people in need by tagging their employee ID card.

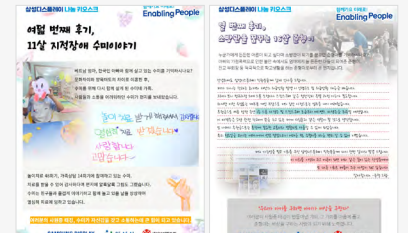
The funds raised through voluntary donations are provided in collaboration with 'Save the Children,' an NGO dedicated to improving children's welfare. They identify practical needs such as medical expenses, educational costs, and enhancing living conditions for children from low-income families based on recommendations from local governments. Samsung Display remains committed to actively supporting children facing challenges in local communities to ensure they can grow up healthy and thrive.



Samsung Nanum Kiosk operation

2023 Major Achievements

With the Samsung Nanum Kiosk, 8,177 employees donated approximately KRW 112 million and supported a total of 15 local children.



Feedback from Samsung Nanum Kiosk Beneficiaries

Impact on Local Communities

VOLED Choir | Since 2017, Samsung Display has supported the VOLED Choir, aiming to foster healthy cultural activities, discover musical talents, and provide opportunities for self-esteem recovery for adolescents with developmental disabilities. Each year, we conduct open recruitments at the beginning of the year to welcome new members. Through regular Saturday practices and various events throughout the year, including concerts and a graduation ceremony in December, we raise positive awareness about adolescents with developmental disabilities. By showcasing their passionate musical performances, we will further make efforts to promote a positive perception of individuals with disabilities.

2023 Major Achievements

In 2023, the choir provided five invitational performances, including SDC Nanum Week and the Chungnam Social Innovation Center, helping the choir members gain stage experiences.



VOLED Choir

Flower Garden Project Team (Job Support for the Disabled)

Samsung Display is collaborating with 'Flower Garden,' a social enterprise in Cheonan City composed of individuals with developmental disabilities, to support employment opportunities for people with disabilities. We regularly deliver flowers and potted plants handmade by people with developmental disabilities through the 'One Table One Flower¹⁾' and 'Blue Warmth²⁾' services. We also encourage people to express their gratitude with flowers through seasonal events such as Valentine's Day, Family Month, and Christmas every year. Samsung Display plans to continue its collaboration with 'Flower Garden' to provide financial assistance, enabling them to participate as valuable members of society and improve perception among its employees.

- 1) A service where developmentally disabled employees from 'Flower Garden' deliver flowers and potted plants to employees' desks upon request on a regular basis.
- 2) A service that delivers potted plants with messages within and outside the campus, allowing employees to express gratitude and congratulations to each other.

2023 Major Achievements

This project started in 2011 with 10 workers with disabilities, and now it has grown to create jobs for 49 workers. By generating approximately KRW 240 million in sales in 2023, Samsung Display is making a significant contribution. This helps individuals with developmental disabilities stand on their own feet and grow.



Flower Garden Project Team

Promoting Regional Exchange through Employee Participation

Samsung Display collaborates with local governments to actively participate in various volunteer and exchange activities. To revitalize the local economy and foster shared growth with agricultural and fishery farms in Chungcheongnam-do region, Samsung Display organized 'On-tact Markets' during holidays such as Lunar New Year and Chuseok. These markets facilitated direct transactions between employees and local producers, boosting revenue for the farming communities. Furthermore, a portion of the profits from the On-tact Markets was donated for activities supporting vulnerable groups in the local community. And the fund augmented by SDC 1:1 matching grant and voluntary donations from farms and employees was donated to support child protection initiatives through a specialized child protection agency in Chungcheongnam-do. In holidays, we furnished 1,207 Sharing Hope Boxes to welfare facilities and vulnerable groups in Asan City and served tteokguk (rice cake soup) and samgyetang (ginseng chicken soup) to about 400 elderlies in Tangeong area, actively practicing the spirit of sharing and giving. We also engaged our employee volunteer teams with the local community by organizing activities such as painting murals at soup kitchens and migrant worker housing areas. These efforts aimed to enhance the local environment and instill a positive atmosphere.



Volunteer activity joined by employees

Impact on Local Communities

'Nanum'¹⁾ Week' with All Samsung Executives and Employees

¹⁾ "Nanum" is a Korean word that means giving out money, goods, and services to those who need them without asking for anything in return.

HIGHLIGHT

'Nanum Week' was an outreach involving all Samsung executives and employees, lasting for two weeks from November 1st to 14th. Samsung Display participated by engaging in various programs to make a positive impact in the local community. The activities we engaged in included volunteering on the Mujigae bus, running the Samsung Nanum Kiosk, organizing blood donation drives, conducting hands-on programs and e-book input activities for the visually impaired, and participating in the 'On-road 20°C' initiative.

Mujigae Bus Volunteering

Red & Orange Bus

The red bus delivered love coal briquettes to vulnerable people in Tangeong-myeon, who suffer from dementia and health problems, hoping for their warm winter.

The orange bus visited the elderly at Onyang Oncheon Station and provided them with hot and nutritious meals.



(Up) Red bus coal briquettes outreach
(Below) Orange bus free meals outreach

Green Bus

The Green Bus visited the Wonju Comprehensive Social Welfare Center to deliver the Mujigae (free eyesight recovery project) and provided mobile medical service to those in need of eye sight tests and eye disease treatment.



Mujigae Project mobile medical service outreach

Volunteering Project for the Blind

'Braille hands-on'

Braille hands-on, a travel amenity pack to make traveling easier for the blind, was made. 1,000 employees made over 1,000 travel wash-up kits with Braille and delivered them to the Siloam Welfare Center for the blind.



'Braille hands-on' activity

Creating e-books for the visually impaired

937 employees helped create e-books for the blind by creating 70 new books for the blind, using Microsoft Word. The books were made available as e-books through the Siloam Welfare Center for the visually impaired.



Creating e-book for the visually impaired

Quality Management

Samsung Display is pursuing the best in class in terms of product quality by reflecting customer needs and striving for continuous improvement. We are pursuing quality management across the entire process to provide stable quality products, and continuing our effort for improvement and innovation in a better-quality system.

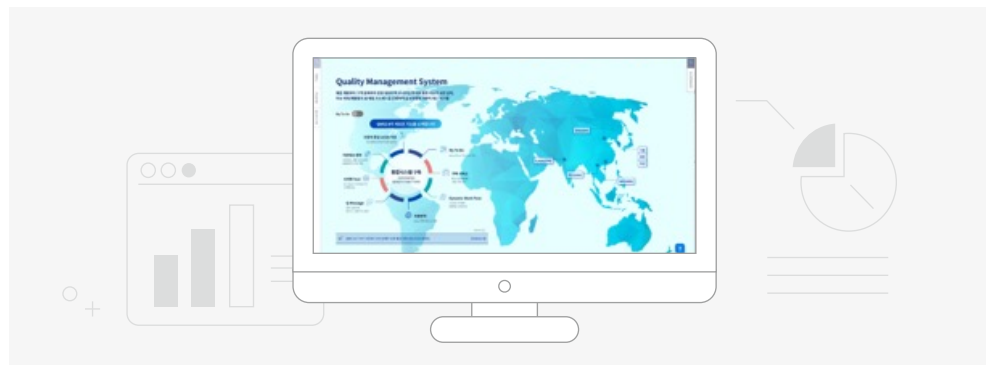
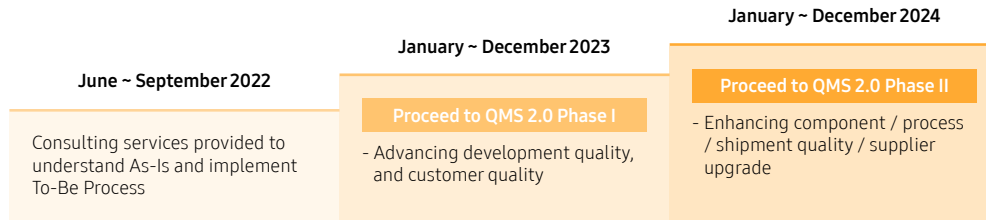
Quality Management System

Product Quality Management System and Process

Building an Integrated Quality Platform (QMS 2.0) | Samsung Display has established an integrated platform for quality management (QMS 2.0) to have the upper hand in product quality and elevate customer satisfaction. We have transformed tasks that the previous system couldn't handle into system- and data-based tasks. We've also upgraded and expanded our quality management system capable of analyzing, making decisions, and predicting outcomes, all underpinned by enhanced integration of distributed data and system connections. This was achieved by building an advanced platform that reflects the latest IT trends.

Samsung Display started consultation for platform building in 2022, and in 2023, we carried out phase 1, which includes core tasks processing to enhance development and customer quality, such as risk management, CLS management integration, and VOC / CSI management system establishment and in 2024, we plan to proceed with phase 2 for component and process quality advancement.

Phases of QMS 2.0 Building



QMS 2.0

Quality Management System Certification | All Samsung Display domestic and overseas campuses have acquired ISO 9001(Quality Management System), and also acquired and maintained IATF 16949 (Automotive Quality System) in response to customer demands for quality. In 2023, we newly acquired Quality Management System Certification of QC 080000 (HSPM, Hazardous Substances Process Management) to respond to the restriction on hazardous substances in products ((RoHS¹⁾, REACH²⁾, Halogen free etc.). This certifies that Samsung Display establishes and operates its hazardous substances management system in all process from product development to customer.

- 1) RoHS (Restriction Of The Use Of Certain Hazardous Substances): Directive on the restriction of the use of hazardous substances in electrical and electronic equipment, adopted by the European Union
- 2) REACH (Registration, Evaluation, Authorization & Restriction of Chemicals): The EU's new chemicals management system that came into force on June 1, 2007. It registers, assesses, authorizes, and restricts chemicals based on their quantity and hazard. These regulations require domestic companies that export 1 ton or more to register the target substances with the European Chemicals Agency through the importer within the EU or a designated representative

Quality Management System Certification Status

	Certified Sector	Site	Validation Date
Small- and Medium-sized	ISO9001	Asan 1, Cheonan, Giheung	2025.12.04
	IATF16949	Asan 2, Giheung	2025.08.04
		Asan 1	2024.12.27
Large-sized	ISO9001	Asan 1, Giheung	2026.05.03
	QC 080000	Asan 1, Giheung	2026.08.13

Operating Dedicated Organization for Quality Management | The Quality Assurance Division acts as a control tower, striving to meet the quality standards demanded by our customers and achieve unmatched quality competitiveness by drawing up comprehensive quality strategies for the entire company and enhancing the quality processes and systems within each business unit. Furthermore, Samsung Display ensures quality management throughout the entire process from planning and design stage to follow-up management in order to supply stable quality products to customers. And constant efforts are being made to refine our quality system through amelioration and innovation.

Quality Management

Quality Management Conducive to Customer Satisfaction

Customer VOC Management

Establishing a Customer VOC-based Response System | Samsung Display seeks customer satisfaction by building a customer response system (quality improvement, complaint resolution) based on customer VOCs. Customers' complaints and requests are registered in our quality management system. These VOCs are then addressed through a series of steps, starting from investigating the root cause, devising improvement measures, and finally resolving the issue. Moreover, by linking and analyzing customer VOCs, we proactively review potential risks in other models to enhance our quality competitiveness. We continuously strive to improve quality by employing various quality management techniques and applications.

Currently, we manage customer VOCs in a database through QMS 2.0 and review customer VOC data from domestic and overseas subsidiaries together. We will review if we can expand the improvement cases of the company to all customer products to proactively mitigate quality concerns. Our goal is to advance the level of customer satisfaction with product quality through these measures. We will also analyze data such as repetitive customer complaints and the direction that customers are pursuing so that we can continuously realize customer satisfaction.

Conducting Customer Satisfaction Surveys | Samsung Display conducts customer satisfaction surveys to analyze customer requirements, maintain product quality, and sharpen the business's competitiveness. These surveys are tailored to B2B customers and cover all areas, from product development to final customer after-sales service, aiming to conduct them once every six months. Based on customer satisfaction surveys, Samsung Display is conducting effective pinpointed improvement activities and quality enhancement efforts to elevate customer satisfaction. The results of the 2023 customer satisfaction survey were comparable to those of 2022. In 2024, our goal is to enhance satisfaction by actively presenting compelling aspects of new technologies to customers and emphasizing technological differentiation, including robust design. Furthermore, as the scope of our customer base has expanded due to the wider application of OLED hiring application and the increase in monitor and TV sizes for QD products, we are planning to extend our customer satisfaction survey. We will continue to make relentless efforts to achieve tangible customer satisfaction in response to the ever-diversifying needs of our customers.

Responses Based on Satisfaction Survey Results | In 2022, Samsung Display received feedback acknowledging our proactive response and cooperation in on-site customer support activities to stabilize customer quality during the initial QD mass production. This feedback highlighted that our efforts greatly contributed to achieving client company goals. In 2023, during the mass production of new products, we dispatched our development and customer engineers to client production sites to provide on-site support. In case of defects, we responded seamlessly to new product mass production by conducting on-site initial analysis and real-time communication with headquarters. Through such collaboration with customers, Samsung Display is taking customer satisfaction to a new height.

Customer VOC Management Process








Ramping Up Quality Management through Product Quality Certification

Global Certification

Samsung Display has secured certifications from various global certification bodies, including ISO certification, which is a testament to its commitment to adhering to both internal and external environmental regulations, ensuring customer safety, enhancing product quality competitiveness, and earning the trust of its customers.

External Certification Status for Small- and Medium-sized Business Units

Certified year	Certified date	Title of certification	Certification Issuer	Country	Content	Validity term	Expiry date	Adapted model	Adapted image
2024	February	Eyecare Display	SGS	Switzerland	Quantified the emission levels of harmful blue light within the visible spectrum, which has earned us the certification. (Conducted a blue light hazard assessment)	1 year	February 2025	All foldable models	
2024	January	Greenguard Gold	UL	US	Conducted an assessment of the emissions of harmful substances such as formaldehyde and obtained certification for meeting international standards.	1 year	January 2025	All auto models	
2024	January	MIL-STD-810G	UL	US	<p>Acquired certification after the durability assessment under extreme temperature changes and impacts for foldable panels (U.S. Department of Defense Military Standard Certification - under rigorous testing conditions)</p> <ul style="list-style-type: none"> - Sprayed water in a below -10°C environment, forming 6mm thick ice on the panel exterior, and confirmed normal operation after maintaining this condition for 4 hours. - Endured consecutive 2-hour periods in environments of -32°C and +63°C, with rapid temperature fluctuations repeated three times over 12 hours. - Underwent twenty-six drop tests from a height of 1.22m with varying orientations, simulating impacts. - Tested at speeds up to 10.5 times the force of gravity. 	1 year	January 2025	Foldable 7.0~7.9	 
2023	December	Eyecare Display	SGS	Switzerland	Quantified the emission levels of harmful blue light within the visible spectrum and obtained certification. (Conducted a blue light hazard assessment)	1 year	2024 December	All smartphone 6.0~6.9 models	
2023	December	Eyecare Display, True Black	SGS	Switzerland	<p>* Eye care Display: Quantified the emission levels of harmful blue light within the visible spectrum and obtained certification. (Conducted a blue light hazard assessment)</p> <p>* True Black: Obtained certification for achieving luminance performance at or below 0.0005 nits.</p>	1 year	2024 December	All auto products	



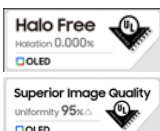
Quality Management

External Certification Status for Small- and Medium-sized Business Units





Certified year	Certified date	Title of certification	Certification Issuer	Country	Content	Validity term	Expiry date	Adapted model	Adapted image
2023	October	UDR3000	UL	US	Achieved the greatest luminance level of 3000nit, which positioned itself to become the first in the smartphone display industry to obtain the UL mark from an international certification agency.	1 year	2024 October	All smartphone 6.0-6.9 models	
2023	July	Folding Durability	Bureau Veritas	France	Obtained certification for excellent folding reliability and durability under room temperature and low-temperature conditions for foldable displays. In addition to the existing 150,000 folding tests in room temperature and 200,000 folding tests in high-temperature (60°C), we have also passed 30,000 folding tests at extreme low temperatures of -20°C.	5 years	2027 July	All foldable models	
2023	June	Hazardous Substances Assessed	SGS	Switzerland	Acquired certifications based on UN / EU regulations restricting hazardous substances in electrical and electronic products, including RoHS, REACH, SVHC, and POPs criteria. * RoHS: Restriction of Hazardous Substances * REACH: Registration, Evaluation, Authorization & Restriction of Chemicals * SVHC: Substances of Very High Concern * POPs: Persistent Organic Pollutants	1 year	2024 June	All auto models	
2023	May	Eyecare Display, Gaming Performance & Cinematic Experience	SGS	Switzerland	Certified through the performance evaluation of gaming performance indicators such as response time and true black. Certified through the performance evaluation for color volume and C/R. (Cinematic experience evaluation) * We have obtained Cinematic Experience certification based on color volume (DCI-P3) standard of 120% or more and true black representation (0.0005 nit or less) due to emissive properties. Additionally, we achieved Gaming Performance certification for outstanding properties, including response time of 0.2ms or less, blur length of 1.4 mm or less, and HDR contrast ratio of 1,000,000:1 or higher. * HDR: High Dynamic Range, C/R: Contrast Ration	1 year	2024 May	All IT / tablet models	
2023	May	Flicker Free	TUV Rheinland	Germany	Obtained certification regarding human eyes' inability to perceive flicker	1 year	2024 May	IT 14"	

Quality Management

External Certification Status for Small- and Medium-sized Business Units

Certified year	Certified date	Title of certification	Certification Issuer	Country	Content	Validity term	Expiry date	Adapted model	Adapted image
2023	May	Greenguard Gold	UL	US	Conducted an assessment of the emissions of harmful substances such as formaldehyde and obtained certification for meeting international standards.	1 year	2024 May	All IT models	
2023	May	Hazardous Substances Assessed	SGS	Switzerland	Obtained certifications based on UN /EU regulations restricting the use of hazardous substances in electrical and electronic products, including RoHS (Restriction of Hazardous Substances), REACH (Registration, Evaluation, Authorization & Restriction of Chemicals) SVHC (Substances of Very High Concern), and POPs (Persistent Organic Pollutants) criteria.	1 year	2024 May	All IT models	
2023	April	Halo Free/ Superior Image Quality	UL	US	Achieved and obtained certification for zero visibility of haze in display image representation. Certified for brightness uniformity across display screens (above 95%) after evaluation.	1 year	2024 April	All IT models	

External Certification Status for Large-sized Business Units

Certified year	Certified date	Title of certification	Certification Issuer	Country	Content	Validity term	Expiry date	Adapted model	Adapted image
2023	June	Pantone Validated	Pantone	US	Acquired certification regarding accurate product colors in recognition of the degree of difference between the color and the standard color library after evaluation.	1 year	2024 June	TV (55"/65"/77")	
2023	January	Eye Safe 2.0	TUV	Germany	Certified for the effectiveness of blocking harmful blue light based on the Eye Safe 2.0 Evaluation Criteria.	3 years	2025 December	MNT (34")	
2022	March	XCR (eXperienced Color Range)	SGS	Switzerland	Certified to guarantee a brighter screen at the same luminance.	1 year	2024 March	TV (65")	
2021	December	Eye Care Display	SGS	Switzerland	Quantified the emission levels of harmful blue light within the visible spectrum and obtained certification. (Conducted a blue light hazard assessment)	1 year	2024 December	MNT (34")	

Governance

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Information Security

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Material Issue 6
Ethical and Compliance
Management

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Sound and Transparent
Corporate Governance

As a company engaged in national core technologies, Samsung Display has established dedicated security organizations at the companywide and business division levels. By creating scenario-specific information security incident response guidelines, we continuously detect signs of abnormalities and proactively prevent security incidents through the operation of internal and external security solutions.

Governance

Information Security Governance

Roles of Decision-Making Bodies and Dedicated Organizations | Samsung Display has established a Security Review Committee, chaired by the CEO to deliberate on information security policies and key issues. Since 2020, in accordance with the Act on Promotion of Information and Communication Network Utilization and Information Protection, an expert in the field of information security has been appointed as a Chief Information Security Officer (CISO) to oversee information security issues at domestic campuses and overseas subsidiaries. In addition, an Information Security Working-level Council, chaired by the CISO, has been established to clarify responsibilities for information security management, thereby enhancing the efficiency and expertise of decision-making. Furthermore, through the operation of the Information Security Group, a dedicated organization for information security, we are formulating and executing work directions aligned with comprehensive information security policies.

Security Review Committee | The Security Review Committee meetings convene at least biannually in accordance with the company's operational guidelines for information protection. The committee deliberates and makes decisions on information protection policies and major security issues. Additionally, it establishes information protection plans and technical, physical, and administrative security measures, and reviews the status of implementation. The committee also manages and oversees various key issues related to information security and protection, including the analysis, response, and recovery from security breaches.

Information Security Organization Structure



GOVERNANCE

Top Management
Overseeing
Information Security
Chief Information Security Officer (CISO)

Dedicated
Data Security
Organization
Information Security Group

Key Agenda Items for the 2023 Security Review Committee

- ① Company-wide security assessment results and improvement measures
- ② 2023 Security strategy and operational goals (key initiatives)
- ③ Strengthening the information protection organization (industrial security)
- ④ 2023 Review of national core technology status (protection measures)
- ⑤ Employee security awareness improvement campaign

Information Security Policy | Samsung Display's data security policy is established based on the security control items required by ISO 27001¹⁾. Accordingly, security inspections and internal security activities are conducted in compliance with international standard specifications.

The information security policy is established with the purpose of protecting all information assets held by the company and enhancing its competitiveness. It is composed of information protection guidelines, procedures, and guides, based on the top-level information security policy, which embodies the fundamental principles of information protection. This policy applies to all tangible and intangible information assets held by us and extends to all individuals associated with the company, including employees, on-site contractors, all suppliers in contractual relationships, and all visitors to the company.

1) ISO 27001: an international standard for Information Security Management Systems (ISMS) and a prestigious international standard in the field of information security

Personal Data Protection Policy and Personal Data Handling Policy | Samsung Display has established a personal data protection policy that includes internal management plans, guides, and checklists related to the protection and management of personal information. This policy is designed to securely handle and protect personal information of various stakeholders. We take administrative, technical, and physical measures to ensure the security of personal data, aiming to prevent any loss, theft, leakage, alteration, or damage during processing. We operate a Personal Information Protection Committee composed of relevant departments for personal data protection and a Committee for Outsourced Personal Information Protection comprising responsible personnel for subcontractors. Additionally, we appoint separate personal data protection officers in overseas subsidiaries to ensure compliance with local data protection laws.

[Samsung Display Personal Data Protection Policy](#)

Key Content of Samsung Display's Personal Data Protection Policy

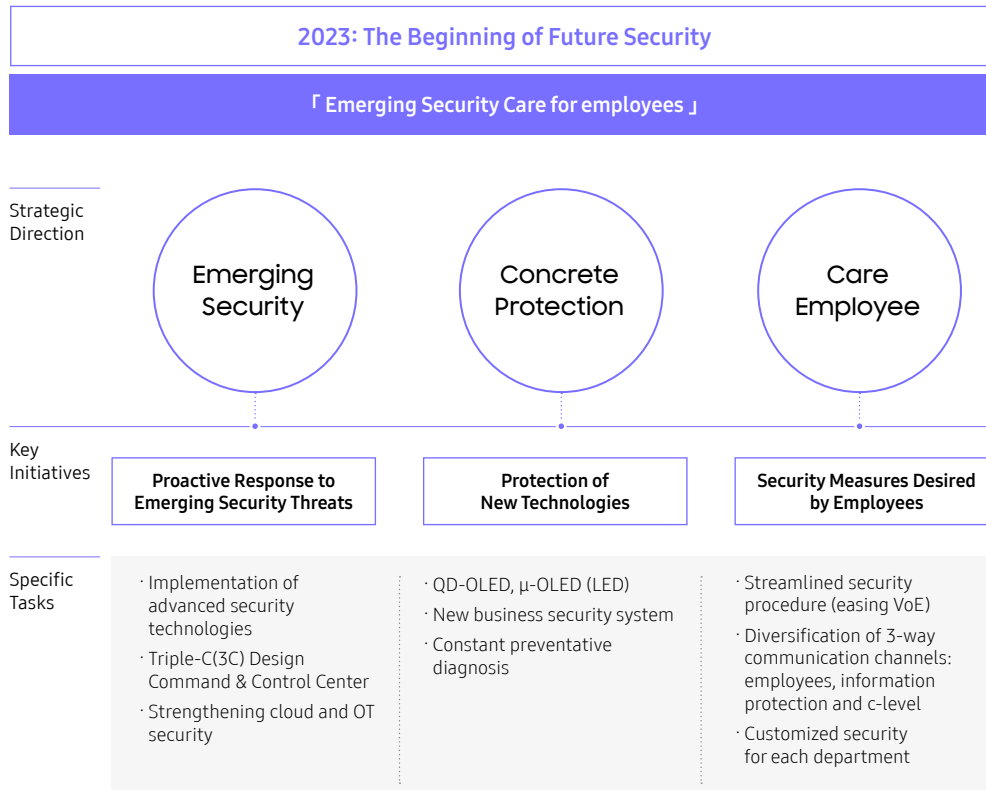
- Provision of personal data to third parties
- Rights and obligations of data subjects and methods of exercising them
- Items of personal data being processed
- Ensuring the security of personal data and other processing policies
- Installation / operation of automatic personal data collection devices and refusal options
- Chief Privacy Officer
- Remedies for infringement of data subject's rights and interests

Strategy

Information Security Strategy

Samsung Display has established and executed various initiatives to meet customers' security enhancement requirements and operate a globally top-level information security system based on sustainable management activities, information protection policies, and regulations.

Information Security Strategy System



Internal Information Security Activities for Addressing Key Risks and Opportunities

Physical Security | Samsung Display, as a campus possessing national core and advanced strategic technologies, must comply with the Industrial Technology Protection Act. To restrict unauthorized access by external individuals and vehicles, we have implemented an access control system and fence detectors on the outskirts of the campus, with the security situation room monitoring the campus 24/7 via CCTV. Visitors are required to submit an entry request through company employees and complete internal security compliance training before being granted access. All employees, suppliers, and visitors must implement security measures such as mobile device security (MDM¹), security stickers) upon entry, and unauthorized information devices are prohibited from being brought in. Moreover, trained security staff are positioned at all exits, where exit inspections are performed with security apparatus such as X-ray machines and metal detectors to prevent any potential information breaches.

1) MDM : Mobile Device Management



Vehicle access control



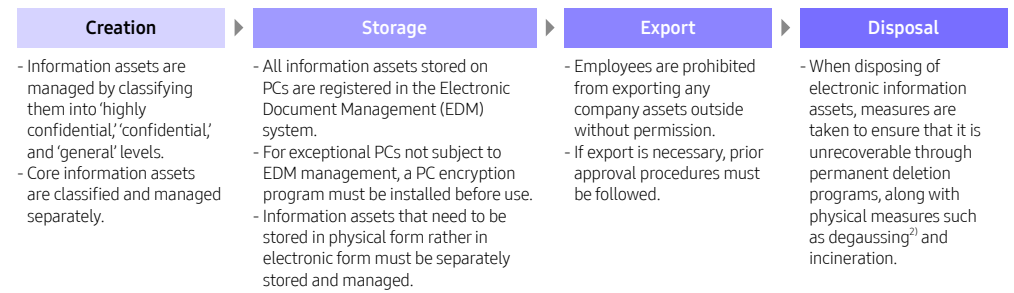
Entry gate screening



Security Control Room

Safeguarding Information Asset | 'Information assets' encompass all tangible and intangible information, including output documents, electronic documents, etc., that a company possesses or generates. Samsung Display implements security management for each process of creating, storing, exporting, and disposing of information assets.

Information Asset Security Management Process



2) Degaussing: The process of physically erasing a hard disk irreversibly using magnetic fields.

Samsung Display performs security control activities specified in the internal control certification (AEO¹⁾). It adopts the security control standards of ISO 27001 as standard policies and implements administrative (security policies, personnel/asset security, infringement incidents, etc.), physical (security areas, manpower control, facility and equipment protection, etc.), and technical (access control, information security, encryption, etc.) protective measures. In addition, we manage the Samsung Security Index based on group standards and implement the government agency's core technology protection measures in accordance with the Industrial Technology Protection Act as an organization possessing national core technologies.

Overseas production subsidiaries²⁾ also adhere to our standard security policies for consistent security management. Regular on-site inspections are conducted annually to implement information protection improvement activities.

1) AEO (Authorized Economic Operator): An excellent company certification issued by the customs authorities after evaluating compliance with regulations, internal control systems, financial soundness, and the appropriateness of safety management standards.

2) Overseas production subsidiaries: Vietnam (SDV), China (SDD, SDT), India (SDN)

Network Security | Network security is operated through security systems to block unauthorized external access, monitor abnormal traffic, and prevent information leakage. For system security, it is managed by implementing measures such as 2-factor authentication for system administrator access, logging of work history, and operating automatic vulnerability scanning tools. Additionally, in order to prevent information asset leakage and respond to infringement incidents, we implement PC security management, document encryption, output document management, and the installation and operation of security programs such as antivirus software.

Access Control | The IT security operations department establishes and operates security policies to ensure that data are utilized within approved boundaries through user management, access control, and encryption, etc. Server security tools are installed on all servers (Windows, Linux, etc.) within the company to enable comprehensive server security management, including access control, logging of user activity, and automatic security configuration checks. In addition, the history of account authority creation, modification, and deletion is retained, and usage history analysis is performed to prevent misuse. By specifying account password setting standards, it is operated in a manner that the authority is revoked when there is a change such as operation, not in use, or transfer.




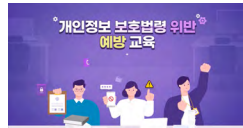

Reinforcing Information Security through Personal Data Protection Management and Inspection Activities

Personal Data Protection Management Activities | We enhance the awareness of personal data protection both domestically and internationally by mandating that employees sign consent forms for the collection of personal data and security commitments for personal data handlers. Furthermore, we deliver customized personal data protection training to employees in each department, support teams, and system operators. We engage in employee communication activities focused on personal data protection through initiatives like community building, regular publication of newsletters, and promotional efforts. In 2024, new hires (both new and experienced employees) will receive personal data protection training.



Promotional materials about personal data self-assessment

Personal Data Protection Training

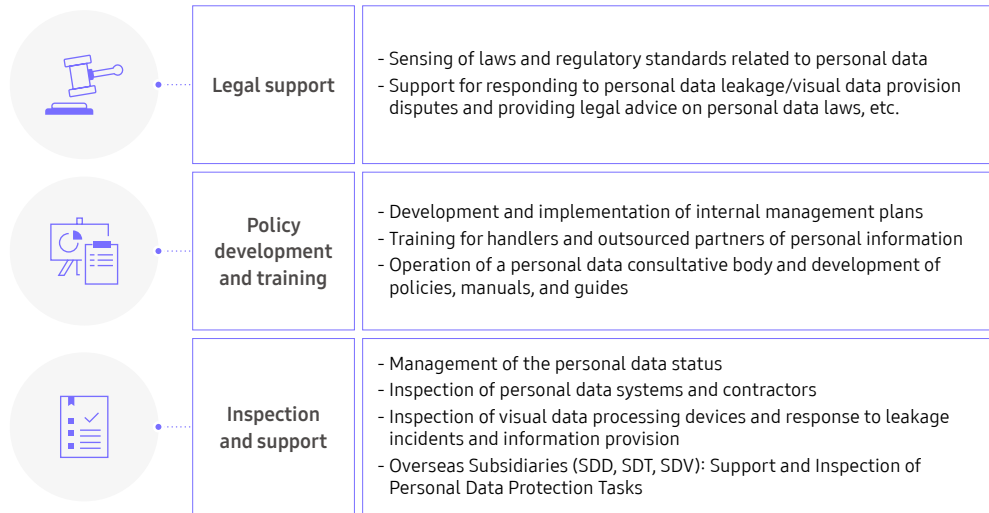
Training target	Details
<p>People Team / Departmental Staff (People Team, Personnel in charge of corporate culture within the department)</p>	<p>'Let's Create a Safe Workplace Together through Personal Data Protection'</p> <p>- Job applications, recruitment documents, AI interviews, information of employee leaving the company, access badges, video processing devices</p> 
<p>Supporting Department (Accounting, procurement, health, partner-related department)</p>	<p>'Education on the Prevention of Personal Data Protection Law Violations'</p> <p>- Concepts of personal data, types of breaches, personal data protection laws, administrative / physical / technical measures for personal data protection</p> 
<p>System Operations (Management information systems, production management systems, cctv operations department)</p>	<p>'Measures to Ensure Personal Data Security'</p> <p>- Access control to personal data processing systems, management terminals, malware, mobile devices, encryption, access logs, etc.</p> 

Ensuring Safety of Personal Data

Category	Details
Administrative measures	Establishment, compliance with, and supervision of internal regulations that must be followed to protect personal data; Regular training, etc.
Technical measures	Management of access rights to personal data processing systems, etc.; Installation of access control systems; Encryption of unique identification information; Installation of security programs, etc.
Physical measures	Access control for computer rooms, data storage rooms, etc., and installation of access authentication / monitoring systems, etc.

Activities for Personal Data Protection Inspection and Support | Samsung Display continuously conducts inspections of visual data processing devices, personal data files on PCs and servers, and personal data processing systems to ensure personal data protection. Additionally, to comply with overseas personal data protection laws, we have developed tailored personal data protection checklists aligned with regulations in various countries. These checklists are utilized for inspections and personal data protection consulting activities, ensuring adherence to local legal requirements.

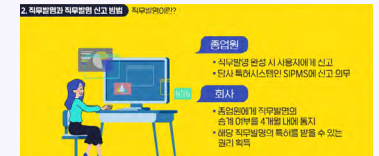
Personal Data Management Process



Enhancing Security of Technological Assets through Intellectual Property Protection Activities

HIGHLIGHT

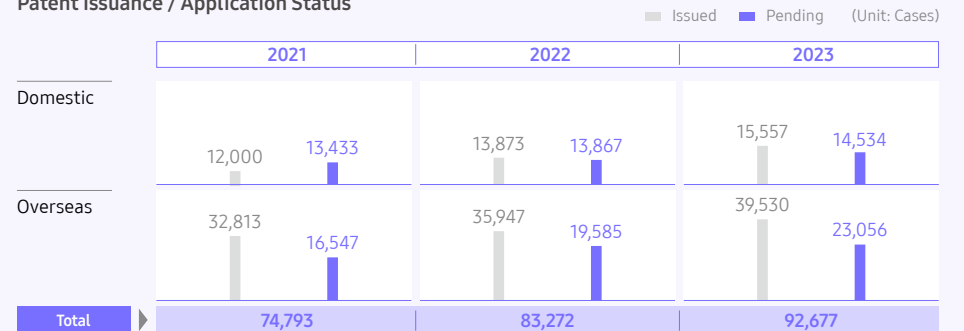
Samsung Display regards technology as a foundational asset and undertakes measures to vigorously manage risks associated with intellectual property rights. Utilizing cutting-edge technologies gained from R&D and production expertise, we proactively seek patent filings to leverage these advancements. We ensure consistent dialogue with the R&D division to secure patents for emerging core technologies. Additionally, we underscore the significance of protecting intellectual property rights by providing continuous education to our workforce and by offering a variety of rewards and incentives for notable patents, thereby encouraging and aiding technological innovation.



Education on IPR protection for employees

Additionally, we continuously endeavor to broaden the range of technologies protected by intellectual property rights and bolster future technological competitiveness. This is accomplished through acquiring exceptional external patents and fostering industry-academia collaboration and joint development projects. Upon securing patent rights, we regularly evaluate the worth of patents and manage the patent portfolios to keep highly useful patents valid even after patents are issued. Furthermore, we utilize our core technologies for branding purposes, aiming to enhance product recognition through promotional activities.

Patent Issuance / Application Status



Number of Issued Patents by Country in 2023

Country	Korea	U.S.	China	Europe	Japan	Others	Total
No. of Issued Patents	15,557	22,526	6,090	6,215	2,714	1,985	55,087

STRATEGY

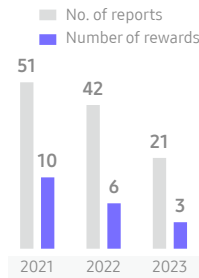
Operation of Security Reporting Center and Voluntary Reporting System for Preventing Security Incidents

Samsung Display operates a 'Security Reporting Center' where employees and external individuals can report suspected incidents of technology leakage. To enhance technology leakage prevention and activate security reporting, Samsung Display revised and implemented an updated security reporting reward system¹⁾ starting from August 2019. The revised program not only offers rewards for reporting instances of technology leakage but also promptly rewards reports concerning security-related processes and system vulnerabilities after evaluation. This enhancement has resulted in a significant increase in meaningful reports received.

1) The security rewards are assessed based on the importance of the leaked technology and the contribution to preventing damage, with rewards potentially reaching up to 100 million KRW. For reporting security vulnerabilities, rewards start at a minimum of KRW 200,000.

Furthermore, Samsung Display operates a 'Voluntary Reporting System for Security Violations' that allows employees to voluntarily report security breaches caused unintentionally by simple mistakes, enabling employees to receive appropriate actions and support in response to such incidents.

No. of Security Reports and Reward Cases



Supporting Enhanced Information Security and Protection for Suppliers

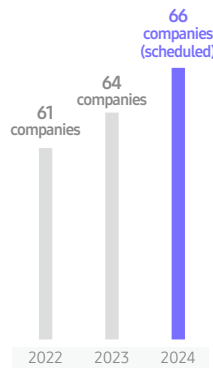
Activities to Strengthen Information Security Capabilities | Samsung Display is engaged in various activities to enhance the information security capabilities of suppliers. Each year, we publish and distribute a quarterly information security newsletter to selected key suppliers, and an annual security workshop is conducted for companies that share critical technologies with high information security needs.

In 2023, a security workshop was held for 64 key suppliers selected among fields related to equipment, FAB, and module, and the range will be expanded to 66 companies in 2024.



2023 Supplier information security newsletter

No. of Partner Companies Participating in Security Workshops

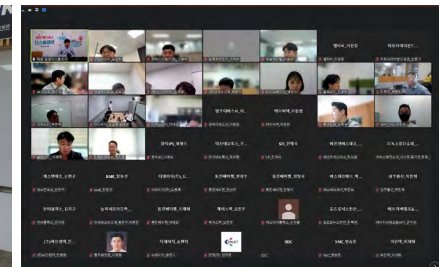


Supporting Enhanced Information Security for Partner Companies and Suppliers | Samsung Display utilizes the government-supported project program facilitated by the Korean Association for Industrial Technology Security to conduct customized security consulting for key suppliers to remedy any deficiencies in information security systems. We also designate information security experts as mentors to facilitate ongoing communication channels with suppliers and hold an annual awards ceremony to recognize outstanding suppliers that have excelled in information security.

Since 2022, we conducted quarterly online security forums targeting security managers and field employees. Additionally, we are striving to prevent information leakage accidents from occurring by providing suppliers with security guides, security consulting and training necessary when collaborating with the company, and by helping them protect their trade secrets and industrial technology.



Supplier awards ceremony



Q3 2023 Supplier Online Security Council



Group photo of 2023 supplier workshop

RISK MANAGEMENT

Risk Management

Evaluation and Assessment for Data Security Risk Management

Inspection through Accident Response Drills | Samsung Display carries out routine inspection activities to avert security incidents, in partnership with the Information Security Department and IT Security Operations. We execute simulated training drills for internal response mechanisms against external threats like hacking, malware infections, and DDoS attacks. Moreover, we consistently perform physical defense exercises to guard against unauthorized entries.

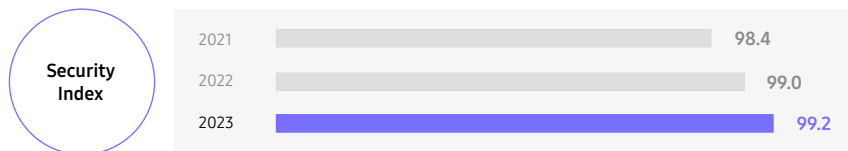
Simulated Security Incident Response Training

No.	Training details	No. of training provided
1	Unauthorized intrusion by outsiders	Once a year
2	Response to new product or asset leakage	Once a year
3	Leakage of information assets or information and technology	Once a year
4	Training for responding to IT security incidents (malware, hacking, cyber workplace breaches)	Once a year

Inspection through the Departmental Security Index | Samsung Display annually selects and implements the departmental security index system as a company-wide priority management item and specific item for each business unit. Key inspection items for the security index include malware infections, simulated malicious emails, status of information device management, and management of unaccounted assets. Security reports and improvement proposals earn bonus points, while security issues from suppliers incur deductions. To standardize the corporate security index universally, Samsung Display promotes security initiatives among departmental security managers and conducts regular training sessions.

Three-year Security Index

(Unit: Points)



2023 Security Index

99.2
points

No. of In-house Consulting Cases

22
cases

Pre-assessment of Compliance with the Personal Information Protection Act through In-house Consulting | Samsung Display leverages its internal legal framework to offer in-house consultations to various operational departments, including the People team, Health group, and Supplier Safety group, regarding inquiries related to compliance with the Personal Information Protection Act. In 2023, a total of 22 internal consulting sessions were conducted.

List of Internal Consulting Inquiries Related to Personal Data Protection in 2023 (5 out of 22 Cases)



METRICS AND TARGETS

Metrics and Targets

Samsung Display sets and operates metrics and goals to enhance information security.

Quantitative Performance by Metrics for Enhancing Information Security¹⁾

2023 Performance

Improving Employee Awareness of Information Security	Information Security Risk Management
<p>No. of employees completing personal information protection training</p> <p>1,121</p>	<p>No. of internal consulting sessions on personal information protection</p> <p>22 cases</p>
<p>No. of employees completing security education</p> <p>21,097</p>	<p>Proactive response to new security threats</p> <p>Proactive response through detailed task implementation</p> <p>100% completion</p>
<p>Support for enhancing information security of partner companies</p> <p>No. of partner companies attending security workshops</p> <p>64</p>	

Setting Goals for Enhancing Information Security

Goals	2023 Performance	2024 Target
No. of Customer Complaints with Proven Violations of Personal Data Protection and Customer Information Loss	0 case	0 case
No. of Violations of Personal Information Protection Laws	0 case	0 case
Conducting Activities Related to Personal Information Protection Education	Targeting personal data handlers	Expanding to new hires (new / experienced hires)
Advanced Technology Information Security Management System	Security workforce reallocation and strengthening security management for new business initiatives	Establishment of advanced protection and management system for next-generation technologies

¹⁾ All relevant quantitative outcomes can be found in the ESG Factbook within the Appendices.

Ethical and Compliance Management

Samsung Display has established a systematic framework to eliminate unethical behavior and promote global standard business ethics, fostering a widespread ethical consciousness. Through rigorous compliance management, we enable free competition and uphold transparent and fair transactions, aiming for mutual development among all stakeholders.

GOVERNANCE

Governance

Governance Framework for Ethical Management

Roles of Decision-making Bodies and Dedicated Organizations | Samsung Display investigates misconduct to prioritize the practice of ethical management, thereby establishing a fair and transparent corporate management environment. The dedicated organization responsible for these practices is the Corporate Auditing Team, which is composed of personnel with extensive field experience in each functional organization based on the eight major processes necessary for overall company operation (development, purchasing, manufacturing, logistics, marketing, sales, service, and business management).

Investigations into misconduct involve violations of the Code of Ethics, such as embezzlement of public funds and bribery, employees' unfair business handling, requests for or provision of money and valuables, entertainment, unfair equity participation in unlisted trading companies, and double employment by employees. The results of misconduct investigations are reported to the CEO on a monthly basis. Incorporating feedback from the CEO, the Corporate Auditing Team establishes improvement measures to prevent recurrence, leading to overall changes within the company. Additionally, based on the Employee Guidelines, the Corporate Auditing Team proactively works to prevent risks through anti-misconduct training for employees. Furthermore, the team is also responsible for conducting management diagnoses to enhance operational efficiency and minimize risks.

Organizational Structure for Ethical Management

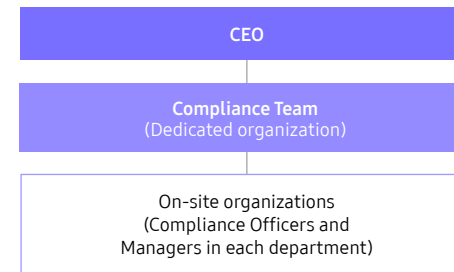


Governance Framework for Compliance Management

Roles of Decision-making Bodies and Dedicated Organizations | Samsung Display operates a systematic compliance organization that prioritizes compliance management. The dedicated organization in this regard is the Compliance Team, directly under the CEO, consists of specialized attorneys and experts with extensive practical experiences in various fields. The Compliance Team is responsible for reporting to the CEO on key activities such as compliance policy development, monitoring, employee training, and promoting a compliance culture through the bi-weekly CEO reporting system.

In terms of on-site organizations, we designated Compliance Officers (133 as of 2023) and Managers (228 as of 2023) in each department throughout the company to manage potential risks on-site and established a system for autonomous preventive activities. These on-site officers and managers perform tasks such as identifying risks, conducting internal training, and disseminating policies based on our compliance guide. In 2023, we conducted workshops for Compliance Managers to provide training on their roles and compliance processes. Additionally, we incorporated compliance activity scores into team-level executive evaluations to improve the effectiveness of compliance management.

Organizational Structure for Compliance Management



Top Management
Overseeing Ethical
and Compliance
Management

CEO

Dedicated
Organization for Ethical
Management

Corporate
Auditing
Team

Dedicated Organization
for Compliance
Management

Compliance
Team

Key Compliance
Reports to CEO in 2023

- ① CEO compliance message to all employees
- ② Compliance online training plans and results
- ③ Compliance MBO results for executives

Ethical and Compliance Management

Employee Guidelines and Code of Conduct

Employee Guidelines on Ethical Management | Samsung Display has established Employee Guidelines that delineate the ethical values and behavioral standards our employees adhere to as a core value in everyday business operations. These guidelines facilitate seamless practice and easy application. They are organized into five major categories and 17 types of scenarios, including business suppliers, workplace discipline, and information and talent leakage, to help employees correctly understand and respond to potential ethical dilemmas in their work. In cases of ethical and anti-corruption violations, we apply a zero-tolerance policy.

Samsung Display Employee Guidelines



Code of Conduct on Compliance Management | Samsung Display implements a Code of Conduct in Korean, English, Chinese, and Vietnamese, aligned with Samsung's management principles, to ensure adherence to legal requirements, ethical standards, and corporate social responsibility. Our Code of Conduct serves as the framework for employee behavior and decision-making across our business operations. It applies uniformly to Samsung Display and its subsidiaries, encompassing all employees, both domestic and international. To transparently demonstrate our commitment to compliance, we have published the Code of Conduct on our official website, ensuring accessibility for all stakeholders.

[Samsung Display Employee Code of Conduct](#)

Employee Code of Conduct

Principle 1: We comply with laws and ethical standards.

- 1-1 Samsung is committed to complying with applicable laws and regulations.
- 1-2 Samsung is committed to embracing dignity and diversity.
- 1-3 Samsung is committed to competing fairly and ethically, always within the bounds of applicable competition laws.
- 1-4 Samsung is committed to being transparent and it is committed to doing so by accurately recording all transactions and through disclosures.
- 1-5 Samsung is politically agnostic and does not get involved in politics.
- 1-6 Samsung is committed to protecting personal and confidential information of individuals and business partners.

Principle 2: We maintain a clean organizational culture.

- 2-1 Samsung makes a strict distinction between business and personal affairs in all duties.
- 2-2 Samsung respects the intellectual property (IP) rights belonging to the Company and other companies and individuals.
- 2-3 Samsung is committed to providing a safe and healthy workplace.
- 2-4 Protect the reputation and dignity of Samsung Display in all activities.

Principle 3: We respect customers, shareholders and employees.

- 3-1 Samsung is committed to putting the customer at the center of everything we do.
- 3-2 Samsung is committed to managing our business with a focus on increasing value for our shareholders.
- 3-3 Samsung is committed to improving the lives of our employees.

Principle 4: We care for the environment, health, and safety.

- 4-1 Samsung is committed to developing cleaner, safer, smarter, and more environmentally friendly products and technology solutions.
- 4-2 Your health and safety is important to us.

Principle 5: We are a socially responsible corporate citizen.

- 5-1 Samsung takes its responsibilities as a corporate citizen seriously and it is committed to faithfully fulfilling those responsibilities.
- 5-2 Samsung respects the social and cultural values of local communities and it is committed to prosper together with local communities.
- 5-3 Samsung is committed to growing and prospering together with our partners.
- 5-4 Samsung continues to innovate and improve means of access to information technology for everyone.
- 5-5 Samsung is passionate about bringing joy, value and innovation to our customers by setting new standards in quality.

Compliance Manual and Operational Standards | Samsung Display has developed compliance manuals that outline detailed policies for key management areas, such as fair trade, intellectual property, and anti-corruption. We also set operational standards that define compliance frameworks and guidelines based on our Code of Conduct. They are designed to reinforce compliance across all levels of the organization and regularly updated in accordance with internal and external policies and trends, and are continuously managed to serve as a standard for employees in making value judgments while performing their duties.

STRATEGY

Strategy

Strategic Direction of Ethical Management

As a global company, Samsung Display takes pride in its contribution to society through the creation of superior products and services driven by talent and technology. In addition to fulfilling its core business responsibilities, Samsung Display is committed to adhering to legal and ethical standards while addressing its social responsibilities. To achieve this, we uphold 'People, Excellence, Change, Integrity & Co-Prosperity' as our core values and have established Samsung's business principles to ensure fair and transparent corporate operations. These principles enable us to uphold ethical management practices.

[Business Principles of Samsung \(5 Principles\)](#)

Business Principles of Samsung

People **Excellence** **Change** **Integrity** **Co-Prosperity**

- ① We comply with laws and ethical standards.
- ② We maintain a clean organizational culture.
- ③ We respect customers, shareholders and employees.
- ④ We care for the environment, safety and health.
- ⑤ We are a socially responsible corporate citizen.

These Business Principles apply to all employees currently employed domestically. For overseas subsidiaries, operations are conducted adhering to local laws and corporate policies, while carrying out corporate social responsibility under the common brand 'Samsung.'

No. of Ethical Management Reports in 2023

39 cases

Corruptions: 6 cases
Complaints: 33 cases

Ethical Management Reporting Channels

www.sdc-audit.com
audit.sdc@samsung.com

Framework and Programs for Managing Ethical Management Risks and Opportunities

Ethical Management Reporting Channels | At Samsung Display, the Corporate Auditing Team oversees ethics consultation and reporting activities through various internal and external channels. The team manages reports on violations of the Code of Ethics, such as embezzlement of public funds and bribery. Major violation cases are also posted on the company's intranet site to guide employees in responding appropriately to unethical situations. Through continuous promotion of the ethics consultation and reporting system, we encourage active participation in eliminating unethical behavior. We ensure the strict protection of report information and the identities of reporters through institutional and systemic measures. Measures are in place to mitigate any potential adverse consequences that reporters may face as a result of their reports. In 2023, a total of 39 cases of ethical violations were reported. For significant cases, investigations are conducted under strict confidentiality to develop improvement measures. Immediate actions and alternative solutions are pursued for other matters to promptly address the issues raised in the reports.

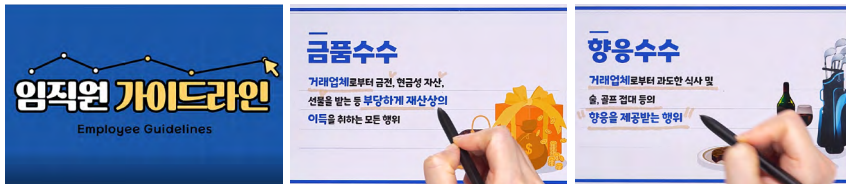
Ethics Report Handling Process



Ethical and Compliance Management

STRATEGY

Employee Misconduct Prevention Training | Samsung Display conducts an annual misconduct prevention training for all employees. To enhance understanding, we cover detailed topics within four key areas outlined in the Employee Guidelines: business suppliers, corporate funds and assets, workplace discipline, and information and talent leakage. This training includes sharing recent major issues and providing tailored on-site education relevant to these cases. Samsung Display Vietnam (SDV) also conducts training for managers and employees, based on headquarters' materials but customized to the local environment, to raise awareness of ethical management.



Examples of misconduct prevention training within Employee Guidelines

Encouraging Supplier Ethical Management

HIGHLIGHT

Ethical management prioritizes business ethics as the highest value in corporate operations, encompassing economic and legal responsibilities as well as ethical responsibilities expected by societal norms. This management philosophy integrates these responsibilities into the company's decision-making processes and principles of conduct. In this regard, Samsung Display has established five principles of ethical management, which we share with all our suppliers, encouraging them to uphold these core values. These principles guide our suppliers to protect labor rights, ensure objective and fair personnel management, and respect human dignity. Additionally, we emphasize the importance of avoiding consumer harm caused by excessive marketing and maintaining the integrity of stakeholder interests by avoiding unfair trade practices or window dressing settlements. We aim to raise awareness of ethical management among our suppliers and will continue to bolster our efforts to foster a culture of ethical management across our supply chain.

Strategic Direction of Compliance Management

At Samsung Display, the company culture and Compliance program emphasize the importance of compliance which builds upon the firm commitment to compliance from top management. This program focuses on sensing and prevention, risk management, and evaluation and post-management.

Direction of Compliance Management

<p>1</p> <p>Prevent</p> <p>Sensing and prevention</p>	<ul style="list-style-type: none"> - Declaring the top management's dedication to compliance management (CEO compliance message), sensing legislative trends and issues - Self-diagnosis, identification of potential risks - Employee compliance training (position / job-specific training, online session for all employees) - Providing Compliance manual, operational standards, guidelines
<p>2</p> <p>Detect</p> <p>Risk management (monitoring)</p>	<ul style="list-style-type: none"> - Addressing issues and progress management - On-site inspection (forensic) - Constant system monitoring - Reporting (Hot-line)
<p>3</p> <p>Respond</p> <p>(Evaluation and post management)</p>	<ul style="list-style-type: none"> - Analyzing issue handling results - Developing improvement measures and verifying implementation - Vulnerability remediation training - Evaluation and sanctions, rewards

Compliance Program Management System | In order to ensure that the company and its employees are in compliance with all relevant regulations, Samsung Display regularly provides information and training sessions. Additionally, we operate multiple compliance systems aimed at preventing and minimizing regulatory violations. Through the Compliance Program Management System (CPMS), employees have direct access to Code of Conduct, operational standards, detailed guidelines, and manuals, enabling them to stay informed about the latest domestic and international compliance issues. Employees can also seek legal advice related to their work and receive compliance support, including the option for anonymous reporting. Furthermore, we leverage various reporting systems, such as supplier visit reports and competitor contact reports, to strengthen our preventive measures against compliance risks.

No. of Participants and Completion Rates of Misconduct Prevention Training in 2023

21,377 participants

100 %

Online Session: 19,279 participants
 Supplementary Session¹⁾: 2,098 participants

¹⁾ The supplementary sessions were conducted within each department for employees who did not complete the online session

Ethical and Compliance Management

STRATEGY

Furthermore, to mitigate risks associated with legal and regulatory violations related to suppliers' technical data and to enhance employees' compliance awareness, we operate a dedicated 'Technical Data Request System.' This system, along with the Compliance Program Management System (CPMS), is regularly updated to incorporate changes in laws and regulations, ensuring that employees can effectively navigate and comply with evolving legal requirements.

In 2023, we introduced the mobile-based CPMS (mCPMS), which extends access to key functionalities, such as reporting process for visits to supplier premises and reporting process for competitor contacts, from outside of company premises. This advancement allows employees convenient access to compliance policies and standards anytime and anywhere, facilitating timely responses to compliance inquiries and reports.



mCPMS menu screen

Framework and Programs for Managing Compliance Management Risks and Opportunities

Compliance Management Reporting Channels | Samsung Display operates a consultation and reporting channel, accessible by both employees and third parties, for addressing violations such as those related to the Fair Trade Act, trade secrets infringement, anti-corruption laws, personal data leaks, false or exaggerated advertising, and other misconduct and corruption issues. This reporting channel is accessible through the Samsung Display official website, ensuring strict confidentiality of the informant's identity and the content of consultations or reports. We strictly prohibit any retaliation against reporters and adhere to promptly processing reported matters followed by comprehensive follow-up actions, including monitoring to prevent recurrence. In 2023, a total of 1 compliance report was received and appropriately addressed according to internal standards.

Compliance Management Reporting Channels

Category	Channel
Internal	Hot-line, CPMS, Ethical Management System
External	Samsung Display official website, email, phone, in writing

The Resolution Rate for Compliance Report in 2023

100%

No. of Employees Completed Compliance Management Training¹⁾

21,099 employees

1) All employees in domestic campuses. For overseas subsidiaries, executives, expatriates, and above local managers and directors

Compliance Management Training | Samsung Display is advancing compliance awareness among its workforce through comprehensive online and offline training programs. These programs are categorized into basic and advanced levels, tailored to the specific needs and audiences. In 2023, training sessions were conducted twice for both domestic and international employees, covering essential topics such as fair trade, subcontracting practices, protection of intellectual property, and prevention of infringements. Additionally, employees received guidance on our Employee Guidelines. Specifically, departments like development, sales, and marketing, which face heightened compliance risks, were identified as high-risk groups. Tailored education and management protocols were implemented to address the unique compliance challenges within these departments. In 2023, approximately a thousand research personnel were designated as high-risk members of high-risk department and received offline training spanning six sessions on topics related to the Fair Transactions in Subcontracting Act and Mutually Beneficial Cooperation Act.

Furthermore, at the beginning of each year, workshops were conducted for Compliance Managers in each department (implemented in February 2023), focusing on their roles, departmental activities, compliance processes, and the CPMS system. These initiatives aim to strengthen the capabilities of Compliance Managers and enhance the operational effectiveness of compliance activities in the field. In the second half of 2023, to further stabilize compliance efforts at Samsung Display India (SDN), on-site consulting and offline training were conducted at SDN for executives, expatriates, long-term dispatched workers, and Compliance Managers.

Compliance Management Training

Method	Topic	Content	Target
Online	Domestic and overseas anti-corruption, fair trade (subcontracting), trade secret protection and infringement prevention	Explanation of domestic and overseas regulatory trends and compliance with relevant laws and regulations, guidelines and business considerations	All domestic and overseas employees
Offline	Basic training	Basic concept of compliance, key guidelines for each management item, compliance process	Entry-level / experienced new hires
	Advanced training	Laws and guidelines on fair trade(subcontracting), trade secrets and anti-corruption	Compliance Managers by department, employees of high-risk departments, departments and suppliers with special requests

Ethical and Compliance Management

Promoting a Compliance Culture | Samsung Display consistently disseminates the CEO's compliance message to all employees, emphasizing top management's commitment to compliance management across the organization. Additionally, all senior management leadership, including department heads and team leaders, sign a Compliance Pledge. The results of compliance audits and the completion rates of compliance training within each department are factors considered in executive evaluations. To enhance compliance awareness among employees, engaging events such as an (annual) compliance-themed quiz are conducted. Furthermore, regular distribution of compliance-related news clips (weekly) and newsletters (monthly) are part of our efforts to communicate the compliance process, systems, and guidelines through various channels like internal emails and in-house broadcasts. These initiatives reflect our ongoing commitment to embedding compliance management throughout the organization.



Compliance-themed quiz and newsletters to promote a compliance culture

Key Areas of Compliance Management

Fair trade	Information security and intellectual property	Environment safety	Finance	Organizational culture
Collusion	Trade secret protection and infringement prevention	Workplace environment safety	Compliance with customs / origin regulations	Employment equality
Abuse of dominance				Compliance with labor standards
Unfair trade	Prohibition of unauthorized software use	Product environment	Compliance with disclosure regulations	Anti-corruption
Subcontracting				Sexual harassment prevention

Management System by Area

Category	Key features	System	Organization in charge
Overall Compliance	Access to Code of conduct, operational standards, guidelines, Self-diagnosis, Reporting system	CPMS ¹⁾	Compliance Team
Ethical Management	Posting of business principles, Reporting of misconduct	Ethical Management System	Corporate Auditing Team
Intellectual Property	Protecting technical data of suppliers, our trade secrets, Preventing trade secret infringement of client company	Technical Data Request System within MULTIVERSE ²⁾	Compliance Team
		MULTIVERSE Confidential Information Transmission System	Information Security Group
HR	Compliance with labor standards, Presentation of personnel policy	GHRP ³⁾	People Team
Environment	Workplace, Product environment safety	G-EHS ⁴⁾	Environment Safety Center

1) CPMS: Compliance Program Management System. Compliance, compliance integrated management system
 2) MULTIVERSE: External date sharing system
 3) GHRP: Global Human Resource Policy, global HR standards system
 4) G-EHS: Global Environment, Health & Safety System, environment safety standards system

Ethical and Compliance Management

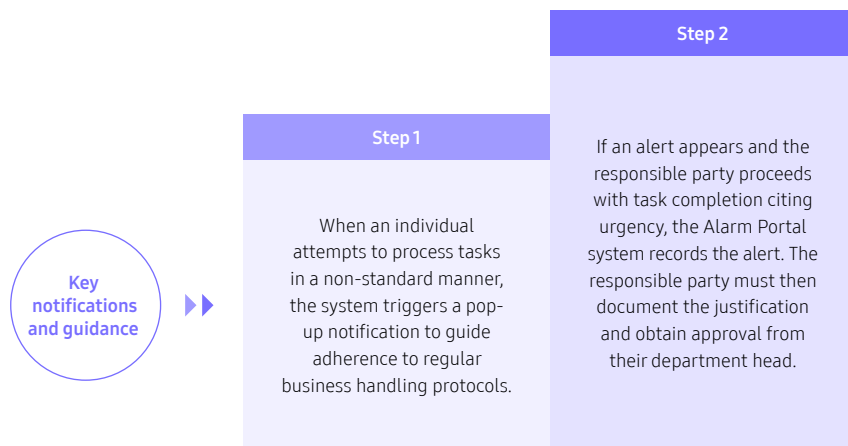
RISK MANAGEMENT

Risk Management

Enhancing Ethical and Compliance Management: Inspection and Monitoring

Ethical Management Diagnosis and Assessment | Samsung Display operates an Alarm Portal that utilizes managed metrics and conducts ongoing investigation activities to effectively manage ethical risks. In cases where real-time monitoring is challenging for SDV, a separate audit organization identifies risks across all business areas to proactively prevent incidents. The Alarm Portal generates step-by-step alerts within the system whenever employees deviate from standard procedures, with the goal of preventing and addressing deficiencies promptly. Monthly reports on findings from reporting and ongoing investigations are submitted to the CEO to ensure that improvement measures are adequately implemented and continuously monitored.

Step-By-Step Alerts Within Alarm Portal



Ethical Management
Inspection System

Alarm
Portal

No. of Compliance
Inspection

11
times

No. of Regulatory
Violations in Domestic
Campuses and
Overseas Subsidiaries

Zero

Compliance Management Risk Inspection | Samsung Display performs continuous inspection activities to prevent risks associated with regulatory violations and reports identified issues and improvement measures to the management leadership. To prevent the recurrence of similar cases, manuals and educational materials are updated with the latest information.

In 2023, we conducted a total of 11 inspection activities in key compliance management areas such as fair trade, subcontracting / mutual growth, and anti-corruption. Improvement measures were also developed based on the inspection results and identified remedial actions. Furthermore, to ensure effective compliance control, external sponsorship expenditures and internal transactions between subsidiaries are monitored by a Preliminary Review Committee. Overseas subsidiaries maintain dedicated compliance organizations, departmental managers, systems, and reporting processes that operate at standards equivalent to those of the headquarters. These are complemented by internal regulations and guidelines that adhere strictly to local regulations. Additionally, the importance of compliance management is emphasized through the compliance message of the head of the subsidiary. Similarly, training sessions are conducted for Compliance Officers and departmental managers to enhance employees' compliance awareness.

The headquarters' compliance organization conducts regular audits at least once a year to ensure consistent implementation of compliance policies across all subsidiaries and manages compliance training completion rates. In 2023, audits were conducted for subsidiaries in Vietnam, China, and India, with no instances of identified regulatory violations.



Ethical and Compliance Management

METRICS AND TARGETS

Metrics and Targets

Samsung Display has established metrics and targets for its ethical and compliance management.

Quantitative Outcomes¹⁾ Based on Ethical and Compliance Management Metrics

2023 Performance

Ethical Management (Anti-corruption)

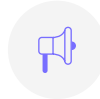
Completion Rates of Misconduct Prevention Training

100% (a total of 21,377 employees completed)



No. of Ethical Management Reports

39 cases



Compliance Management (Compliance)

No. of Employees that Completed Compliance Management Training (domestic and overseas)

21,099 employees



No. of Compliance Management Reports

1 case



No. of Compliance Inspection

11 times



Ethical and Compliance Management Targets

Target	2023 achievements	2024 goals
No. of corruptions	Zero	Zero
Promoting ethical management	Education and campaigns for our employees	Expanding the scope to employees in partner companies
No. of fair-trade violations	Zero	Zero
No. of societal regulatory violations	Zero	Zero
Compliance risk inspection	100 % implementation for headquarters and overseas subsidiaries subject to the inspection	100 % implementation for headquarters and overseas subsidiaries subject to the inspection

¹⁾ All related quantitative outcomes can be found in the ESG Factbook in the Appendix

Sound and Transparent Corporate Governance

Samsung Display has established and operated a transparent and sound governance structure to promote sustainable management and protect the rights of various stakeholders. The management leadership is making every effort to pursue sustainable management, fulfill social responsibilities, leveraging professional knowledge and rational decision-making.

BOD Operation

Board of Directors

Board Composition

The BOD, Samsung Display's highest decision-making body, deliberates and decides on major management issues, including management policies, key management goals, and decision-making on ESG risks / opportunities. As of March 2024, our BOD consists of five qualified inside directors with management expertise and risk management capabilities, one other non-executive director, and one auditor. In the process of appointing a director, the independence of the director was verified by reviewing their transaction details with the company for the past three years. At Samsung Display, the CEO also serves as the Chair of the Board of Directors to leverage expertise for enhanced management efficiency.

Current Board Composition¹⁾

(As of March 2024)

Position	Name	Area of specialty	Major Professional Experience	Tenure
Inside Director (CEO) / Chairman of the BOD	CHOI Joo-sun	Business	· Current) CEO of Samsung Display · President of Samsung Display's Large Display Business Unit	Mar. 17, 2023 - Mar. 16, 2026
Inside Director (President)	KIM Sung-chul	Technology	· Current) Chief of Samsung Display's M-P/J · CTO of Samsung Display · President of Samsung Display's Mobile Display Business	Mar. 22, 2024 - Mar. 21, 2027
Inside Director (Vice President)	YI Chung	Technology	· Current) Vice President of Samsung Display's Mobile Display Business · Vice President and Chief of Samsung Display's Mobile Display Development Division	Mar. 15, 2023 - Mar. 14, 2026
Inside Director (Vice President)	LEE Jong-hyuk	Technology	· Current) Vice President of Samsung Display's Large Display Business Unit · Vice President and Chief of Samsung Display's Large Display Development Division	Mar. 15, 2023 - Mar. 14, 2026
Inside Director (Vice President)	LEE Byoung-jun	Finance	· Current) Vice President and Chief of Samsung Display's Management Office	Mar. 15, 2023 - Mar. 14, 2026
Other non-executive director ²⁾ (Vice President)	KIM Jong-sung	Finance	· Current) Vice President and Chief of Samsung SDI's Business Management Office · Vice President and Team Leader of Samsung Electronics' VD Financial Management Team	Mar. 19, 2024 - Mar. 18, 2027
Auditor (Vice President)	Oh Jae-kyun	Audit	· Current) Vice President and Team Leader of Samsung Electronics' DS Financial Management Team · Vice President and Team Leader of Samsung Electronics' System LSI Financial Management Team	Mar. 19, 2024 - Mar. 18, 2027

1) The BOD Gender ratio - 100% male, percentage of outside director within the BOD - 0%

2) Other non-executive director: In the case where the shareholder is a corporation, registered directors corresponding to the directors, auditors, and employees of that corporation.

The BOD Meetings in 2023

12 times

No. of Agendas

52 items

Board Attendance Rate of All Directors

97.2 %

Board Attendance Rate of Inside Directors

100 %

Board Operation

Samsung Display adheres to the Articles of Incorporation and the BOD Operational Guidelines for the overall operation. In principle, regular meetings of the BOD are held every quarter, but ad-hoc meetings are held from time to time as needed. The BOD has a Management Committee composed of 5 inside directors for swift and smooth decision-making. The committee deliberates and decides matters stipulated by the Management Committee Regulations enacted by resolution of the BOD and matters entrusted by the BOD among other important management matters of the company. We discuss and decide on major issues related to sustainable management through the BOD. Key issues decided at the board in 2023 included approval of the establishment of plans for safety and health, payment of donations, and external sponsorship expenditures (welfare foundation, partner collaboration funds and smart factory construction).



Sound and Transparent Corporate Governance

Transparent Risk Management

BCMS and Risk Management System

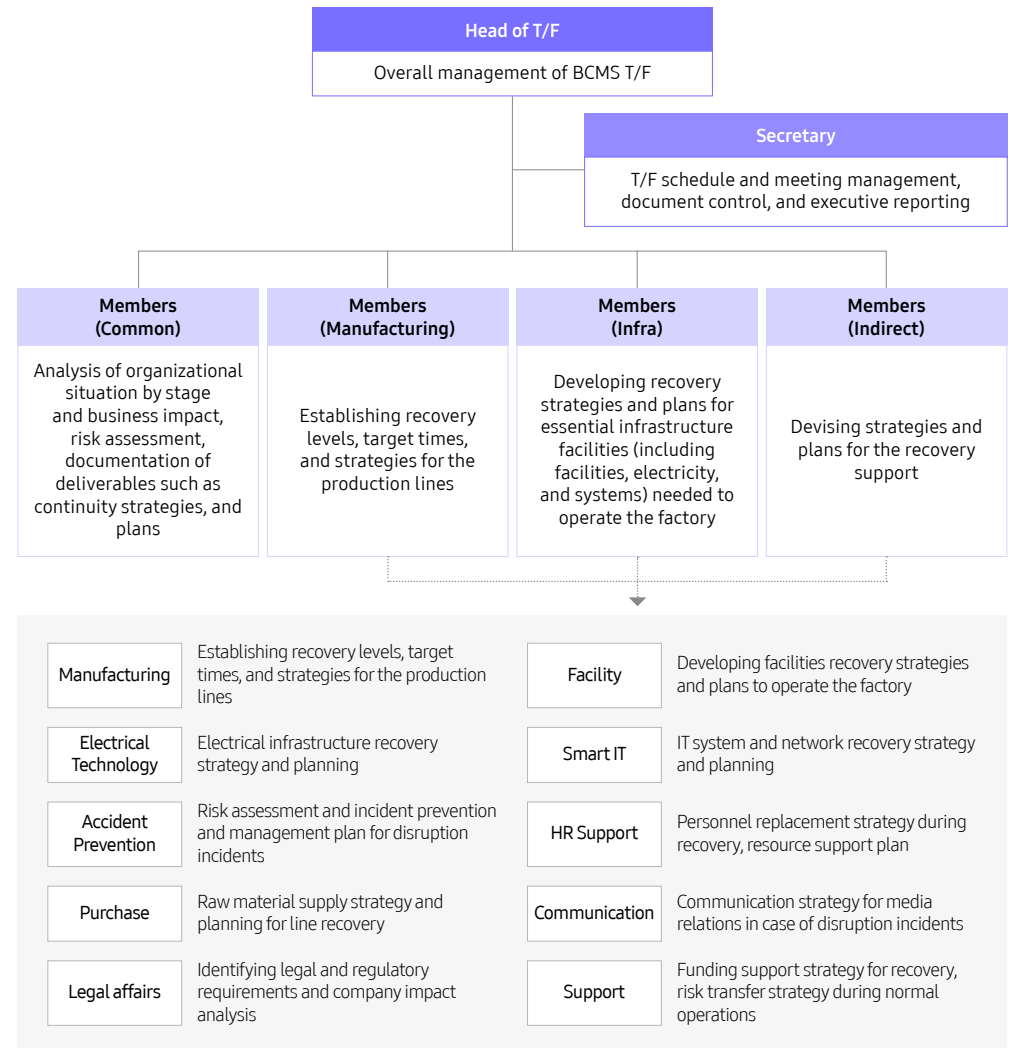
Establishing BCMS for Company-wide Risk Management | From 2021 to 2023, Samsung Display identified approximately 110 business disruption risks to obtain ISO 22301:2019¹⁾ certification for its domestic headquarters and overseas subsidiaries. Business Continuity Plans (BCPs) were developed for about 30 high-risk scenarios, meeting the certification requirements and establishing a Business Continuity Management System (BCMS) that spans the entire production process of our products. In 2024, we plan to operate a BCMS Task Force to expand the BCMS company-wide and enhance BCPs. We will incorporate BCMS (including an annual BCP drill) into executives' MBOs to improve awareness of risk identification and BCP enhancement among Task Force members through structured training and education, thereby instilling a sense of responsibility. In April 2024, an offline training session was conducted for Task Force members and relevant personnel, featuring external experts. In June, we developed internal experts by enrolling them in external training courses to obtain ISO 22301 Lead Auditor qualifications.

BCMS Operational Structure | The BCMS operational structure is divided into three main divisions: Manufacturing, Infrastructure, and Support. Each division has distinct roles and responsibilities. The Manufacturing Division is responsible for establishing recovery levels, target times, and strategies for the production lines. The Infra Division is tasked with developing recovery strategies and plans for essential infrastructure facilities (including facilities, electricity, and systems) needed to operate the factory. The Support Division is responsible for devising strategies and plans for the support of recovery personnel, funds, and materials.

BCP Applications in Practice | In March 2022, when the logistics route from our Chinese subsidiaries to Hong Kong was blocked, we overcame the risk of supply disruption by securing alternative routes as outlined in our pre-established BCP. Additionally, in the event of a manufacturing production line disruption, we developed BCPs involving layer distribution and adjustment of input volumes to mitigate the risk. These measures enabled us to establish a recovery time objective (RTO) that exceeds the customer's maximum tolerable period of disruption (MTPD), thereby enhancing customer trust.

1) ISO 22301:2019: An international standard for Business Continuity Management Systems (BCMS) published by the ISO. Certification is granted only when the documented planning, implementation, operation, monitoring, review, maintenance, and continual improvement meet the required criteria

Operational Structure and R & R of BCMS T/F



Sound and Transparent Corporate Governance

Risk Management through Systems

Sector-specific Monitoring Systems | Samsung Display continually monitors risks through sector-specific monitoring systems. We maintain corporate disclosure controls and procedural systems for financial risk management, supported by a structured reporting process to executive leadership and the BOD, bolstering our internal control capabilities. Additionally, we leverage various IT systems, including N-ERP¹⁾ and G-SCM²⁾ for financial and supply chain risk management, G-EHS³⁾ for comprehensive environmental, safety, and health risk management, and G-SRM⁴⁾ for integrated supplier risk management, to proactively identify and assess enterprise-wide risk factors. Moreover, we completed the establishment of an ESG Portal in March 2024, enabling systematic management and operation of ESG data through our systems.

- 1) N-ERP: Next Enterprise Resource Planning
- 2) G-SCM: Global Supply Chain Management
- 3) G-EHS: Global Environment, Health & Safety System
- 4) G-SRM: Global Supplier Relationship Management

Operational Structure for Risk Management



Audit Body

Samsung Display appoints an auditor to periodically monitor the effectiveness and operational status of its internal accounting management system. We secure fairness and transparency of accounting information through regular audits by independent external auditors, and hold regular meetings with external auditors, the BOD, and auditors to review audit details and quality. The audit opinions for the 2023 business year and the last 3 years were 'unqualified' and there were no other notes pointed out.

Internal Control

Internal Control Risk Management | Samsung Display provides stakeholders with reliable financial information and operates an internal accounting management system to oversee risk identification and management. We have established a specialized organization comprising professionals in internal accounting management and utilize an IT system for evaluation purposes. Through this system, we conduct annual assessments to evaluate the impact and risks arising from internal and external changes. This process enables us to identify control items and assess the operational effectiveness and viability of controls for these identified items.

This evaluation process extends across all business areas, encompassing not only financial reporting but also sales, purchasing, cost management, and asset management. The effectiveness of our internal accounting management system undergoes independent evaluation by the company, auditors, and external auditors. The results of these evaluations are reported at board meetings and shareholders' meetings. Ultimately, as of December 31, 2023, external auditors (Samjong KPMG) evaluated that the internal accounting management system is effectively designed and operated based on the framework of design and operation concepts, from a materiality perspective. The findings of this evaluation are disclosed in the audit report.



Sound and Transparent Corporate Governance

Tax Risk Management

Tax Management | Samsung Display prioritizes tax policies centered on ‘regulation compliance, faithful tax reporting, and fulfillment of payment obligations,’ alongside ‘social contribution through contribution to national finance and tax policy development.’ We maintain a dedicated tax management organization that rigorously monitors both domestic and foreign tax laws and regulations across all transactions, providing regular reports to senior management. Our system includes careful evaluation and risk review of tax transactions to inform decision-making processes. Furthermore, we adhere strictly to all tax reporting and payment deadlines, meticulously documenting and storing transaction-related evidence. We maintain transparent relationships with tax authorities and respond promptly and accurately to their data requests. Internationally, we adhere to transfer pricing policies aligned with OECD Guidelines for Transfer Pricing and prepare Local Files (LF) to prevent BEPS¹⁾.

1) BEPS: Base Erosion and Profit Shifting, which involves exploiting tax disparities between countries to lower overall tax liabilities

Corporate Tax Expense Status

(Unit : KRW100 million)

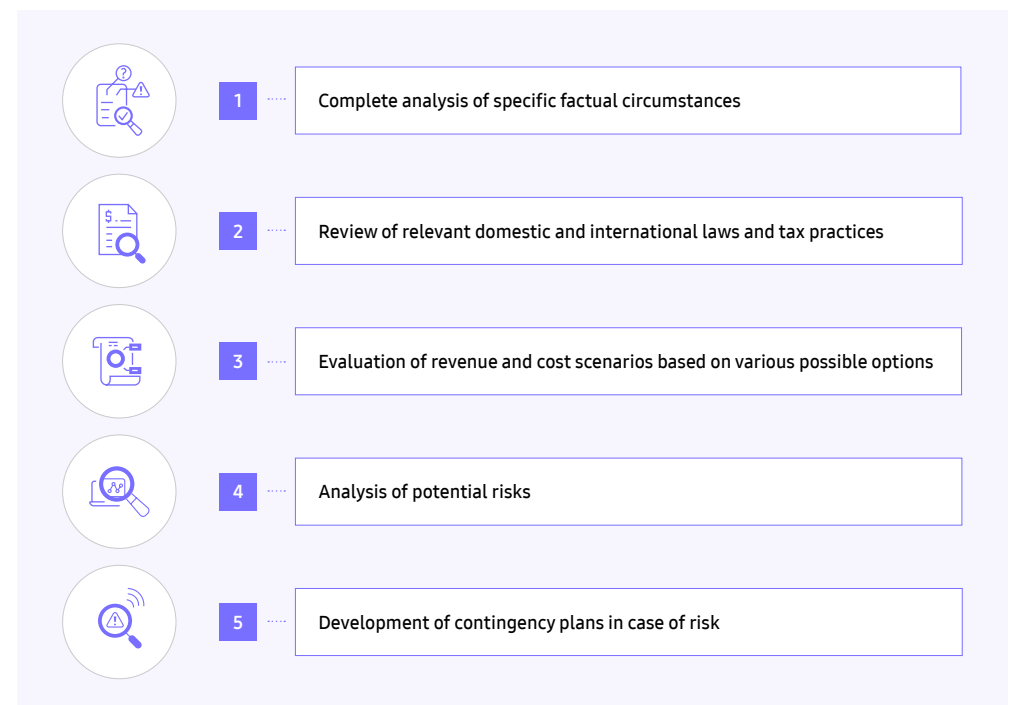
Year	2021	2022	2023
Expense	11,510	2,563	6,009

Tax Management Policy

- ① Samsung Display understands and complies with the laws and regulations of each country in which it operates, and faithfully fulfills its tax obligations. In addition, it does not engage in income shifting to low-tax rate countries such as tax havens for tax avoidance.
- ② Samsung Display maintains honest and transparent relationships with tax authorities in each country and promptly prepares and submits necessary forms and documents in accordance with their requests.
- ③ Samsung Display conducts business within the scope of tax law by analyzing relevant laws and practices in all transactions, and employs tax experts with knowledge and understanding of its business. In addition, it actively utilizes external advisory services to respond to complex and uncertain tax issues.

Tax Risk Assessment | Samsung Display strives to prevent potential tax-related risks from all transactions and business activities related to its business. Therefore, we collaborate with external experts to conduct tax risk assessments and final decisions are made by relevant departments. Additionally, we make efforts to minimize tax-related risks in business activities such as mergers and acquisitions, corporate restructuring, international transactions, new business ventures, and changes in transaction structures.

Key Items for Tax Risk Assessment



Appendices



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Economic Performance

Key Financial Performance¹⁾

Category		2021	2022	2023	Unit	Remarks
Sales	Total Sales	315,575	342,983	309,506	KRW100 million	1) Based on consolidated financial statements
	Total	315,575	342,983	309,506	KRW100 million	
	Korea	11,699	9,357	14,013	KRW100 million	
	China	67,855	45,906	17,125	KRW100 million	
	Vietnam	76,096	82,594	91,030	KRW100 million	
	U.S.	146,724	176,384	169,895	KRW100 million	
	Europe	2,045	3,855	3,653	KRW100 million	
	India	4,758	8,024	9,450	KRW100 million	
	Others	6,398	16,863	4,340	KRW100 million	
	Total	100	100	100	%	
	Korea	4	3	5	%	
	China	22	13	6	%	
	Vietnam	24	24	29	%	
	U.S.	45	52	55	%	
	Europe	1	1	1	%	
	India	2	2	3	%	
	Others	2	5	1	%	
Operating profit		4.4	5.9	5.5	KRW1 trillion	
Net income		3.5	6.6	6.3	KRW1 trillion	
Assets		60.0	65.2	71.1	KRW1 trillion	
Liabilities		8.9	7.5	7.3	KRW1 trillion	
Capital		51.1	57.7	63.8	KRW1 trillion	
Dividends		31.23	39.47	436.46	KRW100 million	
Dividend Payout Ratio		0.09	0.06	0.69	%	

Economic Performance

Distribution of Economic Value

Category		2021	2022	2023	Unit	Remarks	
Employees	Labor costs	40,912	45,874	45,996	KRW100 million		
Creditors	Interest expenses	424	927	943	KRW100 million		
Suppliers	Purchasing costs	230,163	237,663	207,814	KRW100 million		
Local Communities	Social contribution expenses ¹⁾	301	358	416	KRW100 million	1) Calculation Basis: Donations + Social Contribution Foundation's expenditure for its purposes	
	Donations (contributions, sponsorships)	251	289	313	KRW100 million		
	Social Contribution Foundation's expenditure for its purposes	50	69	103	KRW100 million		
Government	Corporate Tax	11,510	2,563	6,009	KRW100 million		
	Total	11,510	2,563	6,009	KRW100 million		
	Regional Corporate Tax	Korea	10,068	1,139	4,741	KRW100 million	
		SDD	547	364	357	KRW100 million	
		SDT	467	406	297	KRW100 million	
		SDV	425	654	614	KRW100 million	
		SDN	3	0	0	KRW100 million	
	Total	100	100	100	%		
	Percentage of regional corporate tax	Korea	87	44	79	%	
		SDD	5	14	6	%	
		SDT	4	16	5	%	
SDV		4	26	10	%		
SDN		0	0	0	%		
Total	100	100	100	%			
Percentage of economic value distribution	Suppliers	81	83	79	%		
	Local Communities	0.09	0.10	0.12	%		
	Shareholders / Investors	0.01	0.01	0.17	%		
	Creditors	0.15	0.32	0.36	%		
	Employees	14	16	18	%		
	Government	4.06	0.89	2	%		

Economic Performance

Distribution of Economic Value

Category	2021	2022	2023	Unit	Remarks
Accounts payable turnover period	23	20	19	Days	
The average time taken to pay an invoice from the start date of the contractual or statutory payment period ¹⁾	SDC makes payments based on tax invoices. For domestic payments from the headquarters to local suppliers, the average payment time is 13 days for SMEs and 19 days for large enterprises.	SDC makes payments based on tax invoices. For domestic payments from the headquarters to local suppliers, the average payment time is 13 days for SMEs and 19 days for large enterprises.	SDC makes payments based on tax invoices. For domestic payments from the headquarters to local suppliers, the average payment time is 13 days for SMEs and 19 days for large enterprises.	Days	1) Overseas subsidiaries make payments based on invoices and are managed according to the payment terms of each subsidiary. Payments from the headquarters to overseas suppliers take an average of 27 days, while payments from overseas subsidiaries take an average of 37 days.
Payment practices					
Standard payment terms and compliance rate by key supplier categories	SDC categorizes suppliers into SMEs and large enterprises. The standard payment terms are based on tax invoices, aligning with the payment dates. As payments are not delayed, the compliance rate with these terms is 100%.	SDC categorizes suppliers into SMEs and large enterprises. The standard payment terms are based on tax invoices, aligning with the payment dates. As payments are not delayed, the compliance rate with these terms is 100%.	SDC categorizes suppliers into SMEs and large enterprises. The standard payment terms are based on tax invoices, aligning with the payment dates. As payments are not delayed, the compliance rate with these terms is 100%.	Days, %	
No. of legal procedures related to overdue payments during the reporting period ²⁾	0	0	0	Cases	2) Including current outstanding
SDC economic activity overview					
Total production volume ³⁾	2,849	2,008	1,407	1,000 units	3) Based on the parent company's business report
Manufacturing facility area ⁴⁾	-	-	469,380	m ²	4) Domestic basis
Manufacturing facility locations ⁵⁾	Domestically located in Asan and Cheonan; internationally located in China, Vietnam, and India	Domestically located in Asan and Cheonan; internationally located in China, Vietnam, and India	Domestically located in Asan and Cheonan; internationally located in China, Vietnam, and India	-	5) Based on the parent company's business report (domestic basis)
Percentage of products manufactured at company-owned facilities	100	100	100	%	

Social Performance

Labor & Human Rights

Category		2021	2022	2023	Unit	Remarks		
Total no. of employees	No. of employees ¹⁾	Total	65,749	64,810	58,723	Persons	1) Based on the no. of employees at the end of December each year (excluding those on leave of absence and interns)	
		Domestic ²⁾	21,930	21,429	21,376	Persons	2) Average tenure : 15.8 years	
		Total	43,819	43,381	37,347	Persons		
	No. of employees by region	Overseas	Southeast Asia & Japan	34,623	35,303	31,392	Persons	
			China	9,153	8,039	5,908	Persons	
			North America & Europe	43	39	47	Persons	
			Total	28	35	61	Persons	
	No. of employees by contract type	Workers on a fixed-term contract	Male	25	30	42	Persons	
			Female	3	5	19	Persons	
			Total	65,721	64,775	58,662	Persons	
		Workers with an unspecified term	Male	34,810	35,680	33,810	Persons	
			Female	30,911	29,095	24,852	Persons	
			Under 30	29,025	28,368	19,946	Persons	
	No. of employees by age		30's	27,886	26,535	27,788	Persons	
			40's and above	8,838	9,907	10,989	Persons	
			Development	6,930	7,362	7,415	Persons	
			Manufacturing	43,987	42,544	38,188	Persons	
No. of employees by job type		Quality assurance & Environment Safety	9,192	9,030	7,630	Persons		
		Sales & Marketing	668	678	684	Persons		
		Others	4,972	5,196	4,806	Persons		
		Employee	52,885	50,992	44,058	Persons		
No. of employees by position		Manager & Director	12,727	13,673	14,513	Persons		
		Executive ³⁾	137	145	152	Persons	3) Including Vice President level and above	

Social Performance

Labor & Human Rights

Category		2021	2022	2023	Unit	Remarks	
No. of non- Samsung Display employees	Domestic ^{1),2)}	Male	2,431	2,323	2,279	Persons	1) Based on the no. of employees at the end of December each year (dispatched workers and in-house subcontractors) 2) In-House Subcontractor Job Types: Building / facility management, logistics, security, welfare services, equipment, system development and operation, driving, electrical work, IT operations, dining services, and cleaning / maintenance. 3) Contract and post-retirement rehire employees
		Female	1,014	1,066	1,041	Persons	
	Overseas ³⁾	Male	2	2	1	Persons	
		Female	1	0	2	Persons	
	No. of non- Samsung Display employees by region	Korea	3,445	3,389	3,320	Persons	
China		0	0	0	Persons		
Germany		1	0	0	Persons		
Slovakia		1	1	1	Persons		
Japan		0	0	1	Persons		
Singapore		1	1	1	Persons		
Domestic and overseas welfare expenses		Domestic and overseas welfare expenses	6,280	7,266	7,565	KRW100 million	
Number of participants in the pension support program	Defined Benefit (DB)	21,334	20,427	20,185	Persons		
	Defined Contribution (DC)	1,400	1,606	1,890	Persons		
Retirement rate	Domestic	2.1	2.1	1.7	%		
	Overseas	21.7	16.8	23.7	%		

Employee Human Rights Training¹⁾

Category		2021	2022	2023	Unit	Remarks
Training on a culture of mutual respect	No. of participants	21,602	21,102	21,038	Persons	1) Based on domestic employees
Disability awareness training	No. of participants	21,407	21,102	21,038	Persons	

Social Performance

Diversity and Inclusion

Category		2021	2022	2023	Unit	Remarks
Percentage of female employee	Total	49	32	64	%	
	Percentage of new female hires					
	Domestic	19	25	29	%	
	Overseas	50	33	67	%	
	Total	47.0	44.9	42.4	%	
	Percentage of female employee by region					
	Domestic	27.5	27.4	27.4	%	
	Southeast Asia & Japan	56.7	52.7	50.2	%	
	China	57.0	57.6	55.2	%	
	North America & Europe	23.3	23.1	14.9	%	
	Development	26.5	25.9	26.5	%	
	Manufacturing	47.3	44.7	42.1	%	
	Percentage of female employee by job type					
	Quality assurance & Environment Safety	75.4	74.0	71.5	%	
	Sales & Marketing	24.3	26.1	27.0	%	
Others	23.9	25.0	24.7	%		
Percentage of female employee by position						
Employee	55.6	53.5	51.8	%		
Manager & Director	12.0	13.2	14.0	%		
Executive	4.4	4.8	4.6	%		
Maternity leave	Total	1,323	1,177	981	Persons	
	No. of maternity leave users					
	Male	774	657	559	Persons	
	Female	549	520	422	Persons	
Parental leave	Total	823	899	793	Persons	
	No. of maternity leave users					
	Male	220	274	257	Persons	
	Female	603	625	536	Persons	
	Return rate after parental leave	99.7	99.0	99.3	%	
In-house daycare center	Capacity of daycare center	572	572	572	Persons	
	No. of daycare centers	3	3	3	Centers	
Percentage of employees with disabilities	Percentage of employees with disabilities	1.9	1.9	1.9	%	
Scope of Collective bargaining and social communication	Percentage of total employees covered by collective bargaining agreement ¹⁾	5.4	8.4	11.1	%	1) Based on domestic employees

Social Performance

Career Development

Category			2021	2022	2023	Unit	Remarks	
Employee Training	Average training sessions per capita	Domestic	24	26	29	Sessions		
		Overseas	11	10	11	Sessions		
	Training hours per capita	Domestic	61	63	61	Hours		
		Overseas	22	18	16	Hours		
	Training hours by gender	Domestic	Male	60	66	67	Hours	
			Female	48	53	50	Hours	
		Overseas	Male	25	20	18	Hours	
			Female	21	17	15	Hours	
Employee training expenses	Total training expenses	Domestic ¹⁾	114	181	166	KRW100 million	1) Based on domestic business sites	
		Overseas ²⁾	16	16	10	KRW100 million	2) Based on overseas subsidiaries	
	Training expenses per capita	Domestic	520	846	775	KRW 1,000		
		Overseas	37	37	28	KRW 1,000		
Reemployment through Career Consulting Center (Domestic)	Reemployment Applicants ³⁾		557	577	607	Persons	3) Cumulative basis from the start year (July 2012 to December 2023)	
	Reemployed Individuals ⁴⁾		446	472	495	Persons	4) Cumulative basis from the start year (July 2012 to December 2023)	
	Reemployment Rate		80.1	81.8	81.5	%		

Social Performance

Safety & Health

Category		2021	2022	2023	Unit	Remarks
Business site accident rate	No. of fatalities due to work-related injuries	Employee	0	0	1	Persons
		Supplier (domestic)	0	0	0	Persons
	Cumulative working hours per year	Employee	1,315	1,457	1,259	100,000 hours
		Supplier (domestic)	467	538	538	100,000 hours
	No. of lost workdays due to work-related fatalities and occupational injuries	Employee	554	448	1,061	Days
	LTI ¹⁾	Employee	6	11	16	Persons
		Supplier (domestic)	14	12	13	Persons
	TRI ²⁾	Employee	12	11	17	Persons
		Supplier (domestic)	15	13	13	Persons
	LTIR ³⁾	Employee	0.009	0.015	0.025	Cases / 200,000 working hours
		Supplier (domestic)	0.063	0.047	0.048	Cases / 200,000 working hours
	TRIR ⁴⁾	Employee	0.018	0.015	0.027	Cases / 200,000 working hours
		Supplier (domestic)	0.067	0.050	0.048	Cases / 200,000 working hours
	Serious injuries	Employee	0	0	0	Persons
		Supplier (domestic)	0	0	0	Persons
No. of occupational accidents due to work-related incidents	Employees and suppliers	-	-	23	Cases	
Emergency evacuation drill	No. of emergency evacuation drills	Drills organized by the fire department ⁵⁾	1,057	585	196	Cases
		Drills organized by various departments including manufacturing	2,199	1,483	1,146	Cases
	No. of participants in emergency evacuation drills	Drills organized by the fire department	7,024	3,799	1,563	Persons
		Drills organized by various departments including manufacturing	14,888	13,138	10,996	Persons

1) Lost Time Injuries: Any work-related injury or illness that results in an employee being unable to perform their regular duties and requires them to take time off from work

2) Total Recordable Incidents: Work-related injuries that result in medical treatment, one or more days away from work, or diagnosis of a minor or significant injury or illness

3) Lost Time Injury Rate: The probability of incidents causing one or more lost workdays per 200,000 work hours

4) Total Recordable Incident Rate: LTIR + Probability of all incidents occurring per 200,000 work hours, including incidents without lost work days.

5) In 2023, the decrease in the no. of emergency evacuation drills compared to 2022 is attributed to a shift from response-focused training to qualitatively focused exercises. (Daily evacuation drills → Monthly integrated emergency response training)

* Qualitatively focused exercises: Structured fire department training (including tabletop, on-site adaptation, equipment proficiency, and periodic review)

Social Performance

Employee Safety Training

Category			2021	2022	2023	Unit	Remarks
Statutory compulsory training	Regular safety and health training	Domestic	243,744	238,136	237,504	Persons	
		Overseas ¹⁾	156,009	146,388	156,024	Persons	1) SDT, SDD, SDV, and SDN combined
	Special training	Domestic	3,104	2,435	3,072	Persons	
		Overseas	1,262	1,278	1,010	Persons	
	Supervisor training	Domestic	2,248	2,524	2,049	Persons	
		Overseas	435	443	440	Persons	
	Training for job change	Domestic	1,004	949	855	Persons	
		Overseas	302	282	663	Persons	
Job training	Safety Job Training ²⁾	68,419 ³⁾	28,460	41,964	Persons	2) Domestic basis 3) In 2021, a temporary increase in non-face-to-face training due to the enforcement of the Serious Accident Punishment Act and the restriction on in-person training	

Information Security

Category			2021	2022	2023	Unit	Remarks
Privacy protection	No. of employees who completed personal data protection training		901	981	1,121	Persons	
	No. of substantiated complaints of violations of breach of customer privacy and loss of customer information		0	0	0	Cases	
	No. of violations of the Personal Data Protection Act		0	0	0	Cases	
	No. of in-house consulting cases ¹⁾		20	22	22	Cases	1) No. of consultations on legal system regarding privacy protection laws
No. of employees who completed information security training			22,394	20,739	21,097	Persons	

Social Performance

Ethical and Compliance Management

Category		2021	2022	2023	Unit	Remarks
Compliance training	No. of employees who completed compliance training	21,876	21,714	21,099	Persons	
	Cumulative training hours per year	4,011	5,429	3,165	Hours	
	No. of training sessions	1	1	1	Sessions	
	Training expenses	41,800	60,060	37,500	KRW 1,000	
Anti-corruption training	No. of employees who completed anti-corruption training	20,198	20,484	21,377	Persons	
	Cumulative training hours per year	0	0	4,981	Hours	
	No. of training sessions	1	1	1	Sessions	
	Training expenses	0	0	83,500	KRW 1,000	
No. of compliance reports ¹⁾		0	5	1	Cases	1) Based on the aggregated data from the Samsung Display Compliance Reporting website (https://www.samsungdisplay.com/kor/sustainability/law.jsp)
No. of reported cases of ethical management violations ²⁾		34	33	39	Cases	2) Based on the aggregated data from the Samsung Display Ethical Management website (sdc-audit.com)
Confirmed corruption and bribery	No. of convictions and fines imposed for violations of the Anti-Corruption Act (total financial loss)	0	0	0	Cases / KRW	
Violation of social laws and regulations ³⁾		0	0	0	Cases	3) Based on final court rulings
Discrimination	Total cases of discrimination, including bullying ⁴⁾	0	0	1	Cases	4) Bullying cases are based on those referred to the Disciplinary Committee.
Complaints	No. of grievances reported through employee reporting channels and OECD multinational company contacts ⁵⁾	633	649	676	Cases	5) Excluding cases of discrimination or bullying, calculated by subtracting discrimination cases from total grievance cases
Human Rights Issues	No. of serious human rights issues and incidents related to company personnel during the reporting period ⁶⁾	0	0	0	Cases	6) Including violations of UN Business and Human Rights principles and OECD multinational company guidelines
Disciplinary	No. of instances where employees were terminated or disciplined due to corruption or bribery	0	0	0	Cases	

Fair Trade Commission Sanctions Overview

The Fair Trade Commission imposed a corrective order and a fine of KRW 22.857 billion on Samsung Display for its institutional foodservice contract with Samsung Welstory Co., Ltd. on August 27, 2021, citing alleged violations of Article 23, Paragraph 1, Clause 7 of the Monopoly Regulation and Fair Trade Act. Samsung Display received notice of this decision on August 30, 2021. In response, Samsung Display initiated an administrative lawsuit against the Fair Trade Commission at the Seoul High Court of Korea in September 2021 to contest the sanction. Currently, the administrative lawsuit is ongoing. Separately, on January 27, 2022, a decision to suspend the execution of the corrective order was confirmed.

Social Performance

Win-win Cooperation

Category	2021	2022	2023	Unit	Remarks
Percentage of evaluated suppliers	53	56	58	%	1) Aligning calculation standards with the parent company 2) Non-assessed suppliers: suppliers with small transactions below KRW 100 million annually (including non-transaction suppliers)
No. of evaluated suppliers	246	256	251	Companies	
No. of suppliers required improvement based on evaluation results	1	1	2	Companies	
Percentage of suppliers required improvement based on evaluation results	0.4	0.4	0.8	%	
Comprehensive supplier evaluation^{1), 2)}					
No. of suppliers who received excellent ratings	221	217	212	Companies	
Percentage of suppliers who received excellent ratings	90	85	85	%	
No. of suppliers with Environmental Management System Certification ³⁾	233	245	240	Companies	3) Valid certifications during the evaluation period (ISO 14000, ISO 14001, ISO 50001)
Percentage of suppliers with Environmental Management System Certification ³⁾	95	96	96	%	
No. of suppliers with Safety and Health Management System Certification ⁴⁾	144	166	182	Companies	4) Valid certifications during the evaluation period (ISO 45001, ISO 45004, KOSHA-MS)
Percentage of suppliers with Safety and Health Management System Certification ⁴⁾	59	65	73	%	
Supplier on-site inspection (conflict minerals)	0	172	179	Companies	
No. of resident suppliers conducted self-assessment	34	53	44	Companies	
No. of purchasing suppliers conducted self-assessment	0	200	189	Companies	
No. of suppliers conducted the third-party verification	-	-	4	Companies	
Average compliance rate of suppliers underwent on-site inspections ⁵⁾	-	-	96	%	5) Figures reflect improvement results verified by a third-party verification (4 suppliers in 2023)

Social Performance

Win-win Cooperation

Category		2021	2022	2023	Unit	Remarks	
Compliance rate by key item for third-party verified suppliers	Human & labor rights	Voluntary labor ¹⁾	-	-	100	%	1) Prohibition of forced labor by establishing policies, ensuring employment contracts are signed, freedom of movement is guaranteed, and original identification documents are not retained
		Guarantee of freedom of movement	-	-	100	%	
		Prohibition of child labor	-	-	100	%	
		Protection of minor workers	-	-	100	%	
		Work hours management	-	-	89	%	
		Guarantee of one day off per week	-	-	89	%	
		Wages and welfare ²⁾	-	-	81	%	2) Accurate wage calculation and payment, provision of pay slips, prohibition of wage arrears and unfair fines, payment of withholding taxes such as social insurance contributions
		Humane treatment	-	-	100	%	
		Non-discrimination ³⁾	-	-	100	%	3) Prohibition of discrimination based on personal characteristics such as gender (equal pay, equal opportunities), establishment of non-discrimination policies and procedures, provision of spaces for religious practices.
						4) Freedom to establish and join unions, guarantee of collective bargaining rights, assurance of peaceful assembly rights, prohibition of discrimination against union members	
Compliance rate by key item for third-party verified suppliers	Safety & Health	Industrial safety	-	-	100	%	
		Emergency preparedness	-	-	96	%	
		Industrial Accidents and Diseases	-	-	100	%	
		Excessive physical strain	-	-	100	%	
		Safety management of hazardous equipment	-	-	100	%	
		Industrial hygiene	-	-	88	%	
		Hygiene / food / housing	-	-	100	%	
		Safety and health communication	-	-	100	%	

Social Performance

Win-win Cooperation

Category		2021	2022	2023	Unit	Remarks	
Compliance rate by key item for third-party verified suppliers	Environment	Environmental permitting and reporting	-	-	100	%	
		Pollution prevention	-	-	100	%	
		Hazardous material handling	-	-	100	%	
		Wastewater / solid waste management	-	-	100	%	
		Air pollution control	-	-	100	%	
		Regulation of product contents	-	-	100	%	
		Water resource management	-	-	100	%	
		Energy consumption, GHG	-	-	100	%	
Compliance rate by key item for third-party verified suppliers	Business ethics	Business ethics	-	-	100	%	
		Prohibition of unfair profits	-	-	100	%	
		Information disclosure	-	-	100	%	
		Intellectual property	-	-	100	%	
		Identity protection and anti-retaliation	-	-	100	%	
		Personal information protection	-	-	100	%	
		Ban on mineral from conflict-affected areas	-	-	100	%	

Social Performance

Win-win Cooperation

Category		2021	2022	2023	Unit	Remarks
Compliance rate by key item for third-party verified suppliers	Compliance commitment	-	-	100	%	
	Management responsibility	-	-	100	%	
	Risk assessment	-	-	100	%	
	Education	-	-	100	%	
	Communication	-	-	100	%	
	Employee feedback	-	-	100	%	
	Corrective action	-	-	100	%	
	Management improvement goal management	-	-	100	%	
	Supplier responsibility	-	-	88	%	
Improvement rate by key item for third-party verified suppliers ¹⁾	Human & labor rights	-	-	41	%	1) No. of initial violations - No. of confirmed violations / No. of initial violations
	Safety & health	-	-	83	%	
	Environment	-	-	100	%	
	Business ethics	-	-	100	%	
	Management system	-	-	88	%	
Complaints received from suppliers ²⁾	No. of complaints (via Hotline)	47	62	34	Cases	2) No. of domestic VOC submissions through Partner Company Voice on the website
	No. of complaints addressed among total complaints	47	62	34	Cases	
	Percentage of complaints addressed	100	100	100	%	
No. of improvement needs in human & labor practices among suppliers ³⁾		-	-	3	Cases	3) Additional areas needing improvement among key human & labor issues: Voluntary labor, prohibition of child labor, protection of minor workers, wages and welfare, humanitarian treatment, non-discrimination, freedom of association

Social Performance

Win-win Cooperation

Category		2021	2022	2023	Unit	Remarks
No. of purchasing suppliers		463	461	431	Companies	
No. of resident suppliers		55	56	56	Companies	
Total		14	14	14	KRW100 million	
Smart factory construction support	Total	17	16	16	Companies	
	No. of suppliers receiving support	8	8	8	Companies	
	Secondary & Tertiary suppliers	9	8	8	Companies	
Incentives for resident suppliers	Incentive support amount	67	72	61	KRW100 million	
	No. of companies eligible for incentives	45	40	39	Companies	
Percentage of spending on local suppliers	Percentage of purchases from local suppliers at major business sites where business is operated	57	55	58	%	
Primary suppliers receiving innovative activity support ¹⁾		8	12	16	Companies	1) Executives from Samsung Display impart management expertise to primary and secondary suppliers, focusing on cost reduction, quality enhancement, and process innovation
Supplier training	No. of supplier participating in Safety Manager Certification Course ²⁾	687	526	603	Companies	2) Safety Manager (resident) certification issued after internal hazardous work training and testing
	No. of participants in Safety Manager Certification Course ³⁾	28,516	15,831	9,765	Persons	3) Decrease in hazardous work resulted in fewer training completions compared to 2022
	No. of supplier participating in supplier ESG education ⁴⁾	-	282	533	Companies	4) Supplier ESG education comprised 4 types in 2022 (including CDP, supply chain understanding) and expanded to 7 types in 2023 (including business supplier and GHG reduction)
	No. of participants supplier ESG education ⁴⁾	-	412	756	Persons	

Social Contribution

Category		2021	2022	2023	Unit	Remarks
Employee volunteer activities	Total volunteer hours of employees	56,831	14,442	40,732	Hours	
	Volunteer hours per capita ¹⁾	2.6	0.7	1.9	Hours	1) Calculation standards: Total hours of employee volunteer activities / No. of domestic employees
Program performance - cumulative no. of beneficiaries	Samsung Blue Elephant ²⁾	259,339	308,941	277,887	Persons	2) The education program for preventing youth cyberbullying
	Samsung SW Academy for Youth (SSAFY) ³⁾	1,700	2,300	2,300	Persons	3) www.ssafy.com
	Samsung Junior SW Acedemy ⁴⁾	-	43,720	53,502	Persons	4) Participated since 2022 (www.juniorsoftwareacademy.com)
	Samsung Stepping Stone of Hope ^{5), 6)}	-	6,284	10,071	Persons	5) jarip-hope.or.kr 6) Support for youth aging out of foster care
	Mujigae Project (Support for Free Eyesight Recovery) ⁷⁾	-	1,312	2,036	Persons	7) Samsung Display's representative social contribution project
	Samsung Dream Class	-	3,897	6,905	Persons	
	Nanum Kiosks ⁸⁾	-	3,687	8,177	Persons	8) Net no. of participants, cumulatively 11,864

Environmental Performance

Climate Action

Category		2021	2022	2023	Unit	Remarks	
GHG (Scope 1 & 2)	AR2 approach ¹⁾ * AR2 : IPCC Second Assessment Report	5,371	4,095	3,726	1,000 tonnes CO ₂ e	1) Location-based GHGs: 5,694 kt CO ₂ e, in 2021, 5,261 kt CO ₂ e in 2022, 4,763 kt CO ₂ e in 2023	
	Campus GHGs (Scope 1 + 2) - market-based	AR5 approach ²⁾ * AR5 : IPCC Fifth Assessment Report	5,117	3,870	3,499	1,000 tonnes CO ₂ e	2) Emissions from overseas subsidiaries are all reflected in CO ₂ and calculated using national emission factors. N ₂ O values incorporate changes in process decomposition rates (1-Ui). NF ₃ emissions are newly calculated based on AR5. Location-based GHGs: 5,440 kt CO ₂ e, in 2021, 5,036 kt CO ₂ e, in 2022, 4,536 kt CO ₂ e, in 2023
	Scope 1 emissions ³⁾	AR2 approach	1,406	1,308	1,284	1,000 tonnes CO ₂ e	3) 2% increase compared to the baseline year for domestic sites. (1,265 kt CO ₂ e in 2018→ 1,284 kt CO ₂ e in 2023)
	Scope 2 emissions (market-based) ⁴⁾	AR2 approach	3,965	2,787	2,442	1,000 tonnes CO ₂ e	4) 36% decrease compared to the baseline year for domestic sites. (3,807 kt CO ₂ e in 2018→ 2,442 kt CO ₂ e in 2023)
	Scope 2 emissions (location-based) ⁵⁾	AR2 approach	4,287	3,953	3,480	1,000 tonnes CO ₂ e	5) 9% decrease compared to the baseline year for domestic sites. (3,807 kt CO ₂ e in 2018→ 3,480 kt CO ₂ e in 2023)
	Scope 1 + 2 (market-based) intensity ⁶⁾	AR2 approach	17	12	12	Tonnes CO ₂ e / KRW 100 million	6) Based on consolidated financial statements revenue, Scope 1+2 (market-based) on a consolidated basis
Total		6,594	4,932⁷⁾	4,928	1,000 tonnes CO ₂ e	7) Original data change (Category 4)	
GHG (Scope 3)	Purchased goods and services	Category 1 ⁸⁾	2,594	1,605	1,883	1,000 tonnes CO ₂ e	8) Emissions received from domestic raw material suppliers and subcontractors are calculated based on the percentage of sales
	Capital goods	Category 2 ⁹⁾	1,246	640	131	1,000 tonnes CO ₂ e	9) Emissions received from domestic equipment suppliers are calculated based on the percentage of sales
	Fuel and energy-related activities	Category 3 ¹⁰⁾	485	466	659	1,000 tonnes CO ₂ e	10) Fuel and energy-related activities not included in Scope 1 or Scope 2 of domestic and overseas campuses
	Upstream transportation and distribution	Category 4 ¹¹⁾	117	110 ¹²⁾	80	1,000 tonnes CO ₂ e	11) GHG generated from purchased transportation and logistics services. Calculated by including both inbound and outbound logistics purchased from third parties 12) Calculation standard changed in 2022
	Waste generation and disposal	Category 5 ¹³⁾	45	41	32	1,000 tonnes CO ₂ e	13) Emissions by type of waste generated from domestic and overseas campuses and disposal method
	Business travel	Category 6 ¹⁴⁾	4	5	6	1,000 tonnes CO ₂ e	14) Emissions calculated based on the distance traveled by employees using various modes of transportation for business trips
	Employee commuting	Category 7 ¹⁵⁾	36	6	15	1,000 tonnes CO ₂ e	15) Emissions calculated for employee commutes using commuter buses and private cars
	Leased assets (upstream)	Category 8	-	-	21	1,000 tonnes CO ₂ e	

Environmental Performance

Climate Action

Category		2021	2022	2023	Unit	Remarks	
GHG (Scope 3)	Downstream transportation and distribution Category 9 ¹⁾	34	0	0	1,000 tonnes CO ₂ e	1) Included upstream at the company's expense	
	Processing of sold products Category 10 ²⁾	551	487	379	1,000 tonnes CO ₂ e	2) Emissions calculated by applying the average carbon emissions per LCA processing stage of representative models by product group for Apple and Samsung Electronics, representative customers based on the weight ratio by product type	
	Use of sold products Category 11 ²⁾	1,185	1,026	706	1,000 tonnes CO ₂ e		
	Disposal of sold products Category 12 ²⁾	63	46	44	1,000 tonnes CO ₂ e	3) Electricity emissions calculated based on the area of leased assets used by other companies	
	Leased assets (downstream) Category 13 ³⁾	151	145	124	1,000 tonnes CO ₂ e		
	Franchise Category 14 ⁴⁾	0	0	0	1,000 tonnes CO ₂ e	4) N / A	
	Investment Category 15 ⁵⁾	83	355	848	1,000 tonnes CO ₂ e	5) For GHGs from companies related to investment, emissions are calculated by considering the share ratio	
Total		5,371	4,095	3,726	1,000 tonnes CO ₂ e		
CO ₂		4,197	3,013	2,649	1,000 tonnes CO ₂ e		
CH ₄		0.71	0.62	0.56	1,000 tonnes CO ₂ e		
N ₂ O		983	941	921	1,000 tonnes CO ₂ e		
Total		3.06	1.49	0.98	1,000 tonnes CO ₂ e		
GHGs by type (AR2 approach)	HFCs	HFC-125 (C ₂ H ₅ F ₃)	0.11	0.05	0.36	1,000 tonnes CO ₂ e	
		HFC-23 (CHF ₃)	2.95	1.44	0.62	1,000 tonnes CO ₂ e	
		HFC-32 (CH ₂ F ₂)	0.001	0.006	0.006	1,000 tonnes CO ₂ e	
		Total	137	130	139	1,000 tonnes CO ₂ e	
	PFCs	PFC-14 (CF ₄)	135	124	132	1,000 tonnes CO ₂ e	
		PFC-318 (c-C ₄ F ₈)	2	6	7	1,000 tonnes CO ₂ e	
	SF ₆	50	9	15	1,000 tonnes CO ₂ e		

Environmental Performance

Climate Action

Category		2021	2022	2023	Unit	Remarks	
GHGs by type (AR5 approach)	Total	5,117	3,870	3,499	1,000 tonnes CO ₂ e		
	CO ₂	4,197	3,013	2,649	1,000 tonnes CO ₂ e		
	CH ₄	1.0	0.8	0.7	1,000 tonnes CO ₂ e		
	N ₂ O	665	637	622	1,000 tonnes CO ₂ e		
	Total	3.2	1.6	1.1	1,000 tonnes CO ₂ e		
	HFCs	HFC-125 (C ₂ H ₅ F ₃)	0.1	0.1	0.4	1,000 tonnes CO ₂ e	
		HFC-23 (CHF ₃)	3.1	1.5	0.7	1,000 tonnes CO ₂ e	
		HFC-32 (CH ₂ F ₂)	0.001	0.006	0.006	1,000 tonnes CO ₂ e	
	Total	140	133	143	1,000 tonnes CO ₂ e		
	PFCs	PFC-14 (CF ₄)	138	126	135	1,000 tonnes CO ₂ e	
		PFC-318 (c-C ₄ F ₈)	2	7	8	1,000 tonnes CO ₂ e	
	SF ₆	49	9	15	1,000 tonnes CO ₂ e		
	NF ₃	61	76	68	1,000 tonnes CO ₂ e		
	Emissions subject to emission trading system among Scope 1 emissions¹⁾		100	100	100	%	1) Based on domestic campuses
	GHG (climate strategy)²⁾	2050 reduction target (%)	-	100	100	%	2) Base year: Based on the Korea GHGs in 2018

Environmental Performance

Climate Action

Category			2021	2022	2023	Unit	Remarks	
Energy usage	Total energy usage		9,365	8,651	7,807	GWh		
	Total power usage		8,307	7,616	6,894	GWh		
	Renewable energy power usage	Total		388	1,578	1,604	GWh	
		Solar power (self-generation)		0	0	0	GWh	
		Solar power (purchase)		0	0	0	GWh	
		Wind power		0	0	0	GWh	
		Hydroelectric power		378	1,148	1,054	GWh	
		Others ¹⁾		9.6	430	550	GWh	1) Based on green premium purchase
	Non-renewable energy power usage		7,919	6,038	5,290	GWh		
	Percentage of renewable energy usage ²⁾		5	21	23	%	2) In 2023, the waste energy (incineration plant steam) from the Cheonan campus amounts to approximately 21 TJ → 838 tCO ₂ eq when converted into carbon reduction. The recognition of waste energy as renewable energy is based on Article 2(2) of the Renewable Energy Act.	
	Others	Total		1,058	1,035	913	GWh	
		Non-renewable fuel	Fuel consumption of crude oil and petroleum products	29	29	28	GWh	
			Fuel consumption of natural gas	949	925	814	GWh	
			Steam consumption	80	81	71	GWh	
Energy intensity ³⁾		30	25	25	MWh / KRW100 million	3) Based on consolidated financial statements, consolidated energy usage		

Environmental Performance

Water Management

Category		2021	2022	2023	Unit	Remarks
Water withdrawal	Total	54,776	49,232	38,920	1,000 tonnes	
	Industrial water	49,848	39,809	28,753	1,000 tonnes	
	Sewage reuse	2,239	6,918	7,843	1,000 tonnes	
	Tap water	2,689	2,505	2,324	1,000 tonnes	
	Sea water	0	0	0	1,000 tonnes	
	Freshwater	0	0	0	1,000 tonnes	
	Others	0	0	0	1,000 tonnes	
	Water intensity	174	144	126	Tonnes / KRW100 million	
	Total	2,952	2,906	2,536	1,000 tonnes	1) 'Water-stressed areas' are calculated based on regions specified in the CDP Water report (Sam-sung Display Vietnam (SDV))
	Water withdrawal within water-stressed areas ¹⁾	Surface water	0	0	0	1,000 tonnes
Underground water		0	0	0	1,000 tonnes	
Sea water		0	0	0	1,000 tonnes	
Tap water		0	0	0	1,000 tonnes	
Industrial water		2,952	2,906	2,536	1,000 tonnes	
Freshwater		0	0	0	1,000 tonnes	
Others		0	0	0	1,000 tonnes	
Classification by water withdrawal facility	Total	54,776	49,232	38,920	1,000 tonnes	2) Third-party organizations: local governments, water resource companies
	Surface water	54,608	49,048	38,741	1,000 tonnes	
	Underground water ³⁾	168	184	179	1,000 tonnes	3) SDN uses underground water
Wastewater discharge	Total	47,399	42,429	36,539	1,000 tonnes	4) The water discharged directly into the watercourse after purification at each campus's sewage treatment facility, changes in the calculation standard in 2021, 2022
	Surface water (direct discharge into watercourse) ⁴⁾	44,311	39,330	33,819	1,000 tonnes	
	Water discharge by third-party organization ⁵⁾	3,088	3,099	2,720	1,000 tonnes	5) Changes in the calculation standard in 2021, 2022
	Underground water	0	0	0	1,000 tonnes	
	Sea water	0	0	0	1,000 tonnes	
	Water discharge that has been transferred to another organization for third-party use	0	0	0	1,000 tonnes	

Environmental Performance

Water Management

Category		2021	2022	2023	Unit	Remarks
Water usage	Water usage within water-stressed areas ¹⁾	1,276	1,184	1,099	1,000 tonnes	1) 'Water-stressed areas' are calculated based on regions specified in the CDP Water report (Samsung Display Vietnam (SDV)).
	Water consumption ²⁾	7,377	6,803	2,381	1,000 tonnes	2) Water Consumption is the term used for the amount of water used excluding wastewater discharge.
Water reused	Water reused amount ³⁾	124,094	110,370	96,771	1,000 tonnes	3) Calculation standard: wastewater reuse + self-reuse (Infra) + ultra-pure water recovery amount + FAB reuse amount.
	Water reused rate ⁴⁾	71	73	77	%	4) Calculation standard: (water reuse amount + sewage reuse) / (total water reuse amount + total water withdrawal)
Ultra-pure water reused	Ultra-pure water supply amount	83,890	74,461	65,237	1,000 tonnes	
	Ultra-pure water recovery amount	56,274	49,748	42,902	1,000 tonnes	
	Ultra-pure water recovery rate	67	67	66	%	

Chemicals Management

Category		2021	2022	2023	Unit	Remarks
Chemicals consumption	Total¹⁾	19,232	14,829	15,901	1,000 tonnes	1) Selecting substances subject to PRTR, aggregating chemicals, even those with annual handling quantities below specified thresholds, in the chemical usage.
	Domestic	19,205	14,801	15,874	1,000 tonnes	
	Overseas	0.027	0.029	0.027	1,000 tonnes	
Chemicals emissions	Total²⁾	3.22	2.61	2.69	1,000 tonnes	2) Selecting substances subject to PRTR, those with annual handling quantities above specified thresholds are calculated as chemical emissions.
Leakage accidents of major hazardous substances	No. of accidents ³⁾	1	0	0	Cases	3) Minor accident in 2021

Environmental Performance

Waste Management

Category		2021	2022	2023	Unit	Remarks	
Waste generation	Total¹⁾	194,803	183,041	154,252	Tonnes	1) Changes in the calculation standard in 2021	
	General waste	78,972	76,351	71,529	Tonnes		
	Hazardous waste	115,830	106,690	82,724	Tonnes		
Waste treatment	Total	194,803	183,041	154,252	Tonnes		
	Recycled waste	172,656	162,686	143,765	Tonnes		
	Non-recyclable waste ²⁾	22,147	20,355	10,486	Tonnes	2) Total amount of 'incineration,' 'neutralization,' 'landfill,' and 'others' treatment of general and hazardous waste	
	Percentage of non-recyclable waste	11	11	7	%		
	General waste	Total	78,972	76,351	71,529	Tonnes	
		Recycling	62,997	64,137	64,168	Tonnes	
		Incineration (exter-nal) ³⁾	15,974	12,197	7,360	Tonnes	3) Changes in the calculation standard in 2021, 2022
		Neutralization (ex-ternal)	0	0	0	Tonnes	
		Landfill (external)	1	17	1	Tonnes	
		others	0	0	0	Tonnes	
Hazardous waste	Total	115,830	106,690	82,724	Tonnes		
	Recycling	109,659	98,549	79,597	Tonnes		
	Incineration (exter-nal)	1,912	1,715	1,515	Tonnes		
	Neutralization (ex-ternal)	4,160	6,360	1,560	Tonnes		
	Landfill (external)	95	58	36	Tonnes		
	others	4	8	16	Tonnes		
Waste recycling rate	88.6	88.9	93.2	%			

Environmental Performance

Air Pollutant Management

Category		2021	2022	2023	Unit	Remarks
Air pollutant emissions	Total	376.32	402.96	265.33	Tonnes	
	NOx	302.71	330.46	226.76	Tonnes	
	SOx	16.57	27.47	17.56	Tonnes	
	Particulate matter ¹⁾	25.66	29.18	7.88	Tonnes	1) In 2023, PM emissions decreased due to efficiency improvements in the prevention facilities at Asan 2 Campus and Samsung Display Vietnam (SDV).
	NH ₃	5.70	1.63	1.33	Tonnes	
	HF	3.32	3.49	0.62	Tonnes	
	Volatile organic compounds	22.33	10.70	11.17	Tonnes	
	Heavy metals	0.03	0.02	0	Tonnes	
Ozone-depleting substances emissions	CFC	0	0	0	Tonnes	

Water Pollutant Management

Category		2021	2022	2023	Unit	Remarks
Water pollutant discharge	Total	520	477	324	Tonnes	
	COD	321	275	163	Tonnes	
	BOD	51	75	41	Tonnes	
	SS	23	30	29	Tonnes	
	F	116	92	84	Tonnes	
	Heavy metals	8	5	7	Tonnes	
	Others ²⁾	0	0	0	Tonnes	2) Other water pollutants include 9 types: Benzene, cadmium and cadmium compounds, dichloro-methane, lead and lead compounds, mercury and mercury compounds, nickel and nickel com-pounds, chloroform, perfluorooctane, sulfonic acid and its derivatives, dioxins and dioxin-like com-pounds.

Environmental Performance

Workplace Environment Management

Category	2021	2022	2023	Unit	Remarks
Investment in environment safety ¹⁾	769	938	537	KRW100 million	1) Sum of investment in environment safety -related facility and operational costs
Violations of environment safety -related laws and regulations ²⁾	0	0	0	Cases	2) Cases resulting in fines or more

Raw Materials Management

Category	2021	2022	2023	Unit	Remarks	
Raw materials used in key products and services during the reporting period, (by weight or volume).	Total amount of raw materials used in products, during the reporting period ³⁾	22,800	18,200	14,370	Tonnes	3) Based on tray raw materials
	Total weight of recycled materials, intermediates, and raw materials used in manufacturing during the reporting period ⁴⁾	11,100	9,600	7,900	Tonnes	4) Recycled + Reused
	Proportion of recycled materials, intermediates, and raw materials used in manufacturing during the reporting period	49	53	55	%	

Economic Performance

Key Financial Performance

Category	2021	2022	2023	Unit	Remarks
Sales	179	185	193	KRW100 million	
Operating profit	27	25	24	KRW100 million	
Net income	24	22	23	KRW100 million	
Assets	349	365	370	KRW100 million	
Liabilities	24	28	23	KRW100 million	
Capital	325	337	347	KRW100 million	
Dividends	2.4	21.6	18.5	KRW100 million	
Dividend Payout Ratio	10.1	96.4	80.1	%	

Distribution of Economic Value

Category	2021	2022	2023	Unit	Remarks	
Payment practices	Average days taken for actual payment based on the invoice date in tax invoices	13.3	13.8	13.1	Days	
	Standard payment terms and compliance rate by key supplier categories ¹⁾	The 10 th of the following month of tax invoice issuance, 100%	The 10 th of the following month of tax invoice issuance, 100%	The 10 th of the following month of tax invoice issuance, 100%	Days, %	1) If payments are made on time, the compliance rate with contracts is 100%.
	No. of legal procedures related to overdue payments (current outstanding) during the reporting period	0	0	0	Cases	
SUM economic activity overview	Total production volume	527,160	509,480	470,970	kg	
	Manufacturing facility area	288	288	288	m ²	
	Percentage of products manufactured at company-owned facilities	100	100	100	%	
	No. products manufactured by category	1	1	1	Units	

Social Performance

Labor & Human Rights

Category		2021	2022	2023	Unit	Remarks	
Total no. of employees	No. of employees	26	26	26	Persons		
	No. of employees by gender	Male	26	26	26	Persons	
		Female	-	-	-	Persons	
	No. of employees by region	Domestic	26	26	26	Persons	
		Overseas	-	-	-	Persons	
	No. of employees by age	Under 30	3	1	1	Persons	
		30's	15	15	15	Persons	
		40's and above	8	10	10	Persons	
	No. of employees by job type	Development	4	4	4	Persons	
		Manufacturing	13	13	13	Persons	
		Quality assurance & Environment Safety	3	3	3	Persons	
	No. of employees by position	Sales & Marketing	-	-	-	Persons	
		Others	6	6	6	Persons	
		Employee	16	16	16	Persons	
	No. of employees by position	Manager & Director	9	9	9	Persons	
Executive		1	1	1	Persons		
Discrimination	Total amount paid for fines, penalties, and compensations due to discrimination incidents and reported grievances	-	-	-	KRW		
Complaints	Total no. of grievances received through channels where its employees can raise concerns (including grievance handling mechanisms)	-	-	-	Cases		
Human Rights Issues	Total amount paid for fines, penalties, and compensations due to serious human rights incidents involving its employees	-	-	-	KRW		

Social Performance

Career Development

Category		2021	2022	2023	Unit	Remarks
Employee training ¹⁾	Training hours per capita	7.62	7.31	12.54	Hours	1) Education on all aspects of ESG including corruption / crime

Ethical / Compliance Management

Category		2021	2022	2023	Unit	Remarks
Education on corruption / crime including the Anti-Graft Law	Training expenses	-	-	-	KRW	
	Training hours	-	-	-	Hours	
	Training sessions	-	-	-	Sessions	
	Training content	-	-	-	-	

Responsible Management

Category		2021	2022	2023	Unit	Remarks
No. of confirmed corruption and bribery cases	No. of convictions and fines imposed for violations of the Anti-Corruption Act (total financial loss)	-	-	-	Cases, KRW	
	No. of employees dismissed or dis-ciplined due to corruption or bribery incidents	-	-	-	Cases	
	No. of contracts terminated or not renewed with suppliers due to viola-tions related to corruption or bribery	-	-	-	Cases	
Anti-competitive regulations	Total amount of fines incurred as a result of legal proceedings (total financial loss)	-	-	-	KRW	

Environmental Performance

Climate Action

Category		2021	2022	2023	Unit	Remarks
GHGs	Scope 1 emissions	0.004	0.004	0.004	1,000 tonnes CO ₂ e	
	Scope 2 emissions (market-based)	-	-	-	1,000 tonnes CO ₂ e	
	Scope 2 emissions (location-based)	0.701	0.717	0.718	1,000 tonnes CO ₂ e	
Energy usage	Total power usage	1.239	1.239	1.322	GWh	
	Other energy usage	0.675	0.765	0.835	GWh	
	Renewable energy power usage	-	-	-	GWh	

Water Management

Category		2021	2022	2023	Unit	Remarks
Water usage		0.115	0.027	0.252	1,000 tonnes	
Water reuse	Water reuse	-	-	-	1,000 tonnes	

Waste Management

Category		2021	2022	2023	Unit	Remarks
Waste generation	General waste	-	-	-	Tonnes	
	Hazardous waste	68.190	19.650	44.930	Tonnes	
Waste treatment	Recycled waste	-	-	-	Tonnes	

Environmental Performance

Air Pollutant Management

Category		2021	2022	2023	Unit	Remarks
Air pollutant emissions	NOx ¹⁾	0	0	0	Tonnes	1) No detections
	SOx ²⁾	-	-	-	Tonnes	2) No detections in 2021, and no measurements were taken in 2022 and 2023.
	Particulate matter	0.007	0.057	0.029	Tonnes	
	NH ₃ ³⁾	0	0	0	Tonnes	3) No detections
	Volatile organic compounds ⁴⁾	-	-	-	Tonnes	4) No measurements were taken
	Heavy metals ⁴⁾	-	-	-	Tonnes	

Water Pollutant Management

Category		2021	2022	2023	Unit	Remarks
Water pollutant discharge	COD	0.001	0	0.001	Tonnes	
	BOD	0	0	0	Tonnes	
	SS	0	0	0	Tonnes	
	F	0	0	0.001	Tonnes	
	Heavy metals	0	0	0	Tonnes	

Workplace Environment Management

Category		2021	2022	2023	Unit	Remarks
Violations in environment safe-ty laws regulations	No. of incidents of hazardous waste leakage ¹⁾	-	-	-	Cases	1) Cases resulting in fines or more
	Total amount of hazardous waste recovered	-	-	-	Tonnes	

Environmental Performance

Raw Materials Management

Category		2021	2022	2023	Unit	Remarks
Raw materials used in key products and services during the reporting period	Total weight of raw materials used in products, during the reporting period	530	518	479	Tonnes	
	Absolute value of renewable input materials	-	-	-	Tonnes	
	Proportion of renewable in-put materials	-	-	-	%	

Governance Performance

BOD

Category		2021	2022	2023	Unit	Remarks
No. of inside directors		6	6	6	Persons	
No. of outside directors		-	-	-	Persons	
Percentage of outside directors within BOD		0	0	0	%	
Gender ratio of BOD	Male	100	100	100	%	
	Female	0	0	0	%	

Economic Performance

Key Financial Performance

Category	2021	2022	2023	Unit	Remarks
Sales	2,041	1,336	1,224	KRW100 million	
Operating profit	233	9	6	KRW100 million	
Net income	248	40	27	KRW100 million	
Assets	3,045	2,956	3,015	KRW100 million	
Liabilities	333	202	236	KRW100 million	
Capital	2,712	2,755	2,779	KRW100 million	
Dividends	-	-	-	KRW100 million	
Dividend Payout Ratio	-	-	-	%	

Distribution of Economic Value

Category	2021	2022	2023	Unit	Remarks	
Payment practices	Average days taken for actual payment based on the invoice date in tax invoices.	21	23	23	Days	
	Standard payment terms and compliance rate by key supplier categories ¹⁾	The 15 th of the following month of tax invoice issuance, 100%	The 15 th of the following month of tax invoice issuance, 100%	The 15 th of the following month of tax invoice issuance, 100%	Days, %	1) If payments are made on time, the compliance rate with contracts is 100%.
	No. of legal procedures related to overdue payments (current outstanding) during the reporting period	-	-	-	Cases	
SCG economic activity overview	Total production volume	22,567	20,521	21,500	Tonnes	
	Manufacturing facility area	34,607	34,607	44,398	m ²	
	Percentage of products manufactured at company-owned facilities	67.76	88.19	99.87	%	
	No. products manufactured by category	1	1	1	Units	

Social Performance

Labor & Human Rights

Category		2021	2022	2023	Unit	Remarks	
Total no. of employees	No. of employees	35	33	34	Persons		
	No. of employees by gender	Male	26	26	25	Persons	
		Female	9	7	9	Persons	
	No. of employees by region	Domestic	35	33	34	Persons	
		Overseas	-	-	-	Persons	
	No. of employees by age	Under 30	-	-	-	Persons	
		30's	11	6	7	Persons	
		40's and above	24	27	27	Persons	
	No. of employees by job type	Development	-	-	-	Persons	
		Manufacturing	6	6	6	Persons	
		Quality assurance & Environment Safety	3	3	4	Persons	
	No. of employees by position	Sales & Marketing	5	4	5	Persons	
		Others	21	20	19	Persons	
		Executive	1	1	1	Persons	
	Discrimination	Total amount paid for fines, penalties, and compensations due to discrimination incidents and reported grievances	-	-	-	KRW	
Total no. of grievances received through channels where its employees can raise concerns (including grievance handling mechanisms)		-	-	-	Cases		
Human Rights Issues	Total amount paid for fines, penalties, and compensations due to serious human rights incidents involving its employees	-	-	-	KRW		

Social Performance

Career Development

Category	2021	2022	2023	Unit	Remarks
Employee training ¹⁾ Training hours per capita	13.1	13.6	13.1	Hours	1) Education on all aspects of ESG including corruption / crime

Ethical / Compliance Management

Category	2021	2022	2023	Unit	Remarks
Training expenses	-	-	-	KRW	
Training hours	1	1	-	Hours	
Training sessions	1	1	-	Sessions	
Education on corruption / crime including the Anti-Graft Law Training content	Anti-corruption, protection of trade secrets and prevention of infringement, Mutually Beneficial Subcontracting Act	Anti-corruption, protection of trade secrets and prevention of infringement, Mutually Beneficial Subcontracting Act	Trade secrets, Subcontracting Act, self-assessment follow-up	-	

Responsible Management

Category	2021	2022	2023	Unit	Remarks
No. of confirmed corruption and bribery cases	No. of convictions and fines imposed for violations of the Anti-Corruption Act (total financial loss)	-	-	-	Cases, KRW
	No. of employees dismissed or disciplined due to corruption or bribery incidents	-	-	-	Cases
	No. of contracts terminated or not renewed with suppliers due to violations related to corruption or bribery	-	-	-	Cases
Anti-competitive regulations	Total amount of fines incurred as a result of legal proceedings (total financial loss)	-	-	-	KRW

Environmental Performance

Climate Action

Category		2021	2022	2023	Unit	Remarks
GHGs	Scope 1 emissions	6,702	7,138	6,755	1,000 tonnes CO ₂ e	
	Scope 2 emissions (market-based)	-	-	-	1,000 tonnes CO ₂ e	
	Scope 2 emissions (location-based)	45,584	49,849	45,956	1,000 tonnes CO ₂ e	
Energy usage	Total power usage	99,223	108,507	100,033	GWh	
	Other energy usage	31,191	33,088	31,491	GWh	
	Renewable energy power usage	-	-	-	GWh	

Water Management

Category		2021	2022	2023	Unit	Remarks
Water usage		247,105	211,000	185,055	1,000 tonnes	
Water reuse	Water reuse	195,275	171,500	157,680	1,000 tonnes	

Waste Management

Category		2021	2022	2023	Unit	Remarks
Waste generation	General waste	1,578	1,276	1,035	Tonnes	
	Hazardous waste	-	-	-	Tonnes	
Waste treatment	Recycled waste	1,578	1,276	1,035	Tonnes	

Environmental Performance

Air Pollutant Management

Category		2021	2022	2023	Unit	Remarks
Air pollutant emissions	NOx ¹⁾	10.820	24.206	30.028	Tonnes	1) Joint operation of prevention facilities with Corning Precision Materials
	SOx	-	-	-	Tonnes	
	Particulate matter ²⁾	0.255	1.178	0.740	Tonnes	2) Data on air emission sources provided by CPM
	NH ₃ ²⁾	0.902	0.404	0.361	Tonnes	
	Volatile organic compounds ²⁾	-	-	-	Tonnes	
	Heavy metals ²⁾	0.0002	0.0007	0.0008	Tonnes	

Water Pollutant Management

Category		2021	2022	2023	Unit	Remarks
Water pollutant discharge	TOC	17.394	2.172	2.852	Tonnes	
	BOD	2.094	2.062	2.206	Tonnes	
	SS	0.031	0.576	0.027	Tonnes	
	F	-	-	-	Tonnes	
	Heavy metals	0.000	0.001	-	Tonnes	

Workplace Environment Management

Category		2021	2022	2023	Unit	Remarks
Violations in environment safety laws regulations	No. of incidents of hazardous waste leakage ¹⁾	-	-	-	Cases	1) Cases resulting in fines or more
	Total amount of hazardous waste recovered	-	-	-	Tonnes	

Environmental Performance

Raw Materials Management

Category		2021	2022	2023	Unit	Remarks
Raw materials used in key products and services during the reporting period	Total weight of raw materials used in products, during the reporting period	18,391.253	17,122.437	20,013.039	Tonnes	
	Absolute value of renewable input materials	4,610.859	4,062.334	4,694.239	Tonnes	
	Proportion of renewable input materials	25.1	23.7	23.5	%	

Governance Performance

BOD

Category		2021	2022	2023	Unit	Remarks
No. of inside directors		8	8	8	Persons	
No. of outside directors		-	-	-	Persons	
Percentage of outside directors within BOD		0	0	0	%	
Gender ratio of BOD	Male	100	100	100	%	
	Female	0	0	0	%	

Economic Performance

Key Financial Performance¹⁾

Category	2021	2022	2023	Unit	Remarks
Sales ²⁾	-	1,155	1,195	KRW100 million	1) Differing from the accounting regulator
Operating profit ²⁾	-	293	162	KRW100 million	2) Data for 2021 was unavailable due to a system deficiency
Net income ²⁾	-	255	154	KRW100 million	
Assets	1,361	1,625	1,695	KRW100 million	
Liabilities	161	209	149	KRW100 million	
Capital	1,201	1,416	1,545	KRW100 million	
Dividends ³⁾	40	24	-	KRW100 million	3) Dividend scheduled for July 2024, based on the audit report
Dividend Payout Ratio ³⁾	11.96	12.00	-	%	

Distribution of Economic Value

Category	2021	2022	2023	Unit	Remarks	
Payment practices	Average days taken for actual payment based on the invoice date in tax invoices.	27.5	27.5	27.5	Days	
	Standard payment terms and compliance rate by key supplier categories ⁴⁾	The 13 th of the following month of tax invoice issuance, 100%	The 13 th of the following month of tax invoice issuance, 100%	The 13 th of the following month of tax invoice issuance, 100%	Days, %	4) If payments are made on time, the compliance rate with contracts is 100%.
	No. of legal procedures related to overdue payments (current outstanding) during the reporting period	-	-	-	Cases	
SFC economic activity overview	Total production volume ⁵⁾	-	48,691	45,562	Units	5) Data for 2021 was unavailable due to a system deficiency
		-	8,621,594	9,159,412	g	
	Manufacturing facility area	6,579.48	6,579.48	9,203.27	m ²	
	Percentage of products manufactured at company-owned facilities ⁶⁾	-	100	100	%	6) Data for 2021 was unavailable due to a system deficiency
No. products manufactured by category	2	2	2	Units		

Social Performance

Labor & Human Rights

Category		2021	2022	2023	Unit	Remarks	
Total no. of employees	No. of employees	207	256	269	Persons		
	No. of employees by gender	Male	170	208	212	Persons	
		Female	37	48	57	Persons	
	No. of employees by region	Domestic	207	256	269	Persons	
		Overseas	-	-	-	Persons	
	No. of employees by age	Under 30	64	88	83	Persons	
		30's	90	100	115	Persons	
		40's and above	53	68	71	Persons	
	No. of employees by job type	Development	73	95	103	Persons	
		Manufacturing	82	92	100	Persons	
		Quality assurance & Environment Safety	12	14	12	Persons	
	No. of employees by position	Sales & Marketing	7	14	12	Persons	
		Others	33	41	42	Persons	
		Executive	2	2	2	Persons	
	Discrimination	Total amount paid for fines, penalties, and compensations due to discrimination incidents and reported grievances	-	-	-	KRW	
Complaints	Total no. of grievances received through channels where its employees can raise concerns (including grievance handling mechanisms)	-	-	-	Cases		
Human Rights Issues	Total amount paid for fines, penalties, and compensations due to serious human rights incidents involving its employees	-	-	-	KRW		

Social Performance

Career Development

Category	2021	2022	2023	Unit	Remarks
Employee training ¹⁾ Training hours per capita	5.36	8.13	6.34	Hours	1) Education on all aspects of ESG including corruption / crime

Ethical / Compliance Management

Category	2021	2022	2023	Unit	Remarks
Education on corruption / crime including the Anti-Graft Law.	Training expenses	-	-	-	KRW
	Training hours	-	-	-	Hours
	Training sessions	-	-	-	Sessions
	Training content	-	-	-	-

Responsible Management

Category	2021	2022	2023	Unit	Remarks
No. of confirmed corruption and bribery cases	No. of convictions and fines imposed for violations of the Anti-Corruption Act (total financial loss)	-	-	-	Cases, KRW
	No. of employees dismissed or disciplined due to corruption or bribery incidents	-	-	-	Cases
	No. of contracts terminated or not renewed with suppliers due to violations related to corruption or bribery	-	-	-	Cases
Anti-competitive regulations	Total amount of fines incurred as a result of legal proceedings (total financial loss)	-	-	-	KRW

Environmental Performance

Climate Action

Category		2021	2022	2023	Unit	Remarks
GHGs	Scope 1 emissions	1,112	1,095	1,104	1,000 tonnes CO ₂ e	
	Scope 2 emissions (market-based)	-	-	-	1,000 tonnes CO ₂ e	
	Scope 2 emissions (location-based)	4,664	5,256	6,177	1,000 tonnes CO ₂ e	
Energy usage	Total power usage	10,152	11,441	13,446	GWh	
	Other energy usage	6,053	5,862	5,897	GWh	
	Renewable energy power usage	-	-	-	GWh	

Water Management

Category		2021	2022	2023	Unit	Remarks
Water usage		15,078	17,733	18,528	1,000 tonnes	
Water reuse	Water reuse	-	-	-	1,000 tonnes	

Waste Management

Category		2021	2022	2023	Unit	Remarks
Waste generation	General waste	61	55	57	Tonnes	
	Hazardous waste	1,647	1,805	1,511	Tonnes	
Waste treatment	Recycled waste	747	762	690	Tonnes	

Environmental Performance

Air Pollutant Management

Category		2021	2022	2023	Unit	Remarks
Air pollutant emissions	NOx	0.440	0.316	0.428	Tonnes	
	SOx	-	0.012	0.011	Tonnes	
	Particulate matter	0.312	0.231	0.321	Tonnes	
	NH ₃	-	-	-	Tonnes	
	Volatile organic compounds	3.959	8.471	6.414	Tonnes	
	Heavy metals	-	-	-	Tonnes	

Water Pollutant Management

Category		2021	2022	2023	Unit	Remarks
Water pollutant discharge	COD	0.014	0.044	0.041	Tonnes	
	BOD	0.006	0.009	0.013	Tonnes	
	SS	0.015	0.019	0.020	Tonnes	
	F	-	-	-	Tonnes	
	Heavy metals	-	-	-	Tonnes	

Workplace Environment Management

Category		2021	2022	2023	Unit	Remarks
Violations in environment safety laws regulations	No. of incidents of hazardous waste leakage ¹⁾	-	-	-	Cases	1)) Cases resulting in fines or more
	Total amount of hazardous waste recovered	-	-	-	Tonnes	

Environmental Performance

Raw Materials Management

Category		2021	2022	2023	Unit	Remarks
Raw materials used in key products and services during the reporting period	Total weight of raw materials used in products, during the reporting period	422	1,224	763	Tonnes	
	Absolute value of renewable input materials	-	-	-	Tonnes	
	Proportion of renewable input materials	-	-	-	%	

Governance Performance

BOD

Category		2021	2022	2023	Unit	Remarks
No. of inside directors		7	7	7	Persons	
No. of outside directors		-	-	-	Persons	
Percentage of outside directors within BOD		0	0	0	%	
Gender ratio of BOD	Male	100	100	100	%	
	Female	0	0	0	%	

Economic Performance

Key Financial Performance

Category	2023	Unit	Remarks
Sales	64	KRW100 million	
Operating profit	-49	KRW100 million	
Net income	-52	KRW100 million	
Assets	3,704	KRW100 million	
Liabilities	702	KRW100 million	
Capital	3,002	KRW100 million	
Dividends	-	KRW100 million	
Dividend Payout Ratio	-	%	

Distribution of Economic Value

Category	2023	Unit	Remarks	
Payment practices	Average days taken for actual payment based on the invoice date in tax invoices.	-	Days	
	Standard payment terms and compliance rate by key supplier categories ¹⁾	-	%	1) If payments are made on time, the compliance rate with contracts is 100%.
	No. of legal procedures related to overdue payments (current outstanding) during the reporting period	-	Cases	
Product safety	No. of product recalls	-	Cases	
	Total no. of products recalled	-	Units	
	Total financial losses resulting from legal proceedings related to product safety	-	KRW	
eMagin economic activity overview	No. of product types ²⁾	6	Types	2) https://www.emagin.com/products

Social Performance

Labor & Human Rights

Category		2023	Unit	Remarks	
Total no. of employees	No. of employees	116	Persons		
	No. of employees by gender	Male	85	Persons	
		Female	31	Persons	
	No. of employees by region	Domestic ¹⁾	116	Persons	1) U.S.
		Overseas	0	Persons	
	No. of employees by age	Under 30	5	Persons	
		30's	10	Persons	
		40's and above	101	Persons	
	No. of employees by job type	Development	18	Persons	
		Manufacturing	75	Persons	
		Quality assurance & Environment Safety	5	Persons	
	No. of employees by position	Sales & Marketing	4	Persons	
		Others	14	Persons	
		Employee	102	Persons	
Discrimination	Manager & Director	8	Persons		
	Executive	6	Persons		
Discrimination	Total amount paid for fines, penalties, and compensations due to discrimination incidents and reported grievances	-	KRW		
Complaints	Total no. of grievances received through channels where its employees can raise concerns (including grievance handling mechanisms)	-	Cases		
Human Rights Issues	Total amount paid for fines, penalties, and compensations due to serious human rights incidents involving its employees	-	KRW		

Social Performance

Career Development

Category		2023	Unit	Remarks
Employee training ¹⁾	Training hours per capita ²⁾	3	Hours	1) Education on all aspects of ESG including corruption / crime 2) Data for 2021 was unavailable due to a system deficiency

Ethical / Compliance Management

Category		2023	Unit	Remarks
Education on corruption / crime including the Anti-Graft Law.	Training expenses	-	KRW	
	Training hours	-	Hours	
	Training sessions	-	Sessions	
	Training content	-	-	

Responsible Management

Category		2023	Unit	Remarks
No. of confirmed corruption and bribery cases	No. of convictions and fines imposed for violations of the Anti-Corruption Act (total financial loss)	-	Cases, KRW	
	No. of employees dismissed or disciplined due to corruption or bribery incidents	-	Cases	
	No. of contracts terminated or not renewed with suppliers due to violations related to corruption or bribery	-	Cases	
Anti-competitive regulations	Total amount of fines incurred as a result of legal proceedings (total financial loss)	-	KRW	

Environmental Performance

Climate Action

Category		2023	Unit	Remarks
GHGs	Scope 1 emissions	-	1,000 tonnes CO ₂ e	
	Scope 2 emissions (market-based)	-	1,000 tonnes CO ₂ e	
	Scope 2 emissions (location-based)	4,094	1,000 tonnes CO ₂ e	
Energy usage	Total power usage	4.807	GWh	
	Other energy usage	17.864	GWh	
	Renewable energy power usage	-	GWh	

Water Management

Category		2023	Unit	Remarks
Water usage ¹⁾		554.6	1,000 tonnes	1) Including Chilled Water, Low Temp Chilled Water, DI Water, Domestic, Sanitary and Industrial Waste Water
Water reuse	Water reuse	-	1,000 tonnes	

Waste Management

Category		2023	Unit	Remarks
Waste generation	General waste	0.211	Tonnes	
	Hazardous waste	20.304	Tonnes	
Waste treatment	Recycled waste	20.232	Tonnes	

Environmental Performance

Air Pollutant Management

Category		2023	Unit	Remarks
Air pollutant emissions ¹⁾	NOx	-	Tonnes	
	SOx	-	Tonnes	
	Particulate matter	-	Tonnes	
	NH ₃	-	Tonnes	
	Volatile organic compounds	-	Tonnes	
	Heavy metals	-	Tonnes	

1)) eMagin plans to establish a measurement system for air pollutants, including NO_x, starting in 2024.

Water Pollutant Management

Category		2023	Unit	Remarks
Water pollutant discharge	COD	-	Tonnes	
	BOD	-	Tonnes	
	SS	-	Tonnes	
	F	-	Tonnes	
	Heavy metals	-	Tonnes	

Workplace Environment Management

Category		2023	Unit	Remarks
Violations in environment safety laws regulations	No. of incidents of hazardous waste leakage ²⁾	-	Cases	2) Cases resulting in fines or more
	Total amount of hazardous waste recovered	-	Tonnes	

Environmental Performance

Raw Materials Management

Category		2023	Unit	Remarks
Raw materials used in key products and services during the reporting period	Total weight of raw materials used in products, during the reporting period	-	Tonnes	
	Absolute value of renewable input materials	-	Tonnes	
	Proportion of renewable input materials	-	%	

Governance Performance

BOD

Category		2023	Unit	Remarks
No. of inside directors		5	Persons	
No. of outside directors		0	Persons	
Percentage of outside directors within BOD		0	%	
Gender ratio of BOD	Male	80	%	
	Female	20	%	

GHG Verification Statement (Scope 1, 2)

Samsung Display Co., Ltd.

Scope

The Scope 1 and Scope 2 greenhouse gas emissions of Samsung Display's domestic and overseas business sites in 2023

- Overseas subsidiaries: China Tianjin Plant (SDT), China Dongguan Plant (SDD), Vietnam Plant (SDV), India Plant (SDN)
- In accordance with the WRI/WBCSD GHG Protocol, an operational control approach was adopted to identify the emission sources of the business sites, and to calculate the greenhouse gas emissions in scope 1 (direct emission) and scope 2 (indirect emission).

Data Verified

The Scope 1 and Scope 2 greenhouse gas emissions of Samsung Display's domestic and overseas business sites in 2023 are as follows.

(Unit: ton CO₂ e/yr)

Country	Scope1	Scope2		Total	
		Location- based	Market- based	Location- based	Market- based
Korea	1,270,188	2,694,983	2,442,307	3,965,172	3,712,496
Overseas	13,409	784,868	0	798,277	13,409
Total	1,283,597	3,479,851	2,442,307	4,763,449	3,725,905

※ The total emissions can differ to a cut-off decimal point

- Korea and India(SDN) Plant apply the Global Warming Potential as the IPCC Second Assessment Report(AR2), and other overseas Plants apply the Global Warming Potential as the IPCC Fourth Assessment Report(AR4).

GHG Criteria & Protocols used for Verification

The verification was carried out at the request of the Samsung Display Co., Ltd. using:

- Guideline for Reporting and Certification of Emissions in the Greenhouse Gas Emissions Trading Scheme
- The GHG Protocol of the WRI/WBCSD
- IPCC Guideline for National Greenhouse Gas Inventories
- ISO14064-1:2018 & ISO 14064-3:2019
- BSI GHGEV Manual

The standard confidentiality principle of BSI Group Korea is applied to all verification activities.

Verification Opinion

BSI Group Korea's verification opinions on the result of carrying out verification in accordance with the GHG criteria and protocols mentioned above are as follows.

- This verification of the sites in Korea were conducted to provide a reasonable assurance level in accordance with the 'Guideline for Reporting and Certification of Emissions in the Greenhouse Gas Emissions Trading Scheme' and overseas operations have been verified under the limited assurance level.
- Data quality was considered acceptable in meeting the key international principles for greenhouse gas emissions verification.
- No material misstatement during the verification process for emissions was found, it was confirmed that relevant activity data and evidence were properly managed. Therefore, the BSI Group Korea Verification Team provides a verification opinion that is "appropriate".

bsi.



For and on behalf of BSI:

Managing Director Korea, SeongHwan Lim

Issue: 10/06/2024

GHG Verification Statement (Scope 3)

Samsung Display Co., Ltd.

Objective

Samsung Display Co., Ltd. Scope 3 GHG emissions at domestic and overseas business sites in 2023

Scope

The scope of organizational boundaries for this verification is Samsung Display's domestic and overseas business sites, and Scope 3 GHG emissions are the following 13 categories.

Level:

Limited Level of Assurance

Data Verified

Samsung Display Co., Ltd. Scope 3 GHG emissions at domestic and overseas business sites in 2023 are as follows.

(Unit: ton CO₂-e/yr)

Category	Description	2023 Emissions
Purchased Goods & Services	Emissions calculated by applying the percentage of annual sales amounts based on the emissions provided by domestic and overseas raw material suppliers and subcontractors	1,883,187
Capital Goods	Emissions calculated by applying the percentage of annual sales amounts based on the emissions provided by domestic and overseas equipment	131,498
Fuel and Energy Related Activities	Fuel and energy-related activities not included in Scope 1 or Scope 2 at domestic and overseas business sites	659,231
Transportation & Distribution (Upstream)	Greenhouse gas emissions from purchased transportation and logistics services. Calculated including both inbound and outbound logistics purchased from third parties	79,912
Waste Disposal	Emissions by type and treatment method of waste generated at domestic and overseas business sites	31,810
Business Travel	Emissions calculated based on the travel distance by means of transportation used by executives and employees for business travels	5,650
Employee Commuting	Emissions calculated from commuter buses and cars used in workplace parking lots among the transportation methods used by employees when	14,638
Leased Assets (Upstream)	Calculation of electricity emissions based on the area of leased assets in use	20,924
Processing of Product	Calculated by applying the average of LCA carbon emissions in the processing of representative models by product family of Apple and Samsung Electronics, the representative customer, to the weight ratio by product type sold	379,181
Use of Product	Calculated by applying the average of LCA carbon emissions in the use of representative models by product family of Apple and Samsung Electronics, the representative customer, to the weight ratio by product type sold	705,805
Disposal of Product	Calculated by applying the average of LCA carbon emissions in the end-of-life treatment of representative models by product family of Apple and Samsung Electronics, the representative customer, to the weight ratio by product type sold	44,185
Leased Assets (Downstream)	Calculate electricity emissions based on the area of leased assets used by other companies	124,389
Investment	Calculation of electricity emissions considering the share ratio among investment-related companies' GHG emissions	847,770
Total emissions		4,928,180

GHG Criteria & Protocols used for Verification

The verification was performed at the request of Samsung Display using the following verification standards.

- ISO 14064-1: 2018 & ISO 14064-3: 2019
- WBCSD//WRI Technical Guidance for Calculating Scope 3 Emissions
- IPCC Guidelines
- Environmental Product Declaration Assessment Emission Factor
- BSI GHGEV Manual

The standard confidentiality principle of BSI Group Korea is applied to all verification activities.

Verification Opinion

As a result of the verification in accordance with the standards listed above, it is the opinion of BSI that:

- In conducting this verification, verification of the authenticity of the data provided by Samsung Display has not been carried out.
- This verification may be affected by limited factors such as the limitation of provided data and sampling. Due to the limitation of this verification, there is an unavoidable risk that material errors may not be found and exist.
- No material misstatement in the GHG emission calculations was detected, related records were maintained appropriately.
- The data quality was considered corresponding to the international key principles for GHG emissions verification.

bsi.



For and on behalf of BSI:

Managing Director Korea, SeongHwan Lim

Issue: 14/06/2024

Third-party Assurance Statement

Dear Management of Samsung Display

Introduction

Korean Standards Association (“KSA”) was commissioned by Samsung Display (“the Company”) to perform a third-party Assurance Engagement of ‘Samsung Display Sustainability Report 2024’(“the Report”). KSA presents independent opinions as follows as a result of the feasibility of the data contained in this Report.

Responsibilities

The Company has sole responsibility for the content and performance contained in this Report and the establishment, operation, and maintenance of an internal control system to report the sustainability information without fraud and error. And KSA’s responsibility is to conduct limited assurance and to provide assurance results and opinions.

Independence and Professionalism of Assurance provider

As an assurance provider, KSA has the independence of assurance by analyzing conflicts of interest in advance without compromising the objectivity and fairness of assurance in compliance with ISO/IEC 17029 requirements and has the professionalism by providing reliable assurance results by sustainability expert, GHG verifier, and certified accountant.

Assurance Standards & Level

KSA conducted the “limited assurance” in accordance with “ISAE 3000(Revised)” developed and approved by the International Auditing and Assurance Standards Board(IAASB).

Note: the level of assurance obtained in a limited assurance engagement is substantially lower than the assurance that would have been obtained had a reasonable assurance engagement been performed.

Assurance Purpose and Scope

KSA conducted the limited assurance to verify whether the sustainability performances and activities of the Company during the reporting period(from 1st January 2023 to 31st December 2023) were reported fairly in compliance with the criteria the Company uses for reporting, and the scope of review concerning stakeholder engagement was limited to the materiality assessment process.

- GRI(Global Reporting Initiative) Standards 2021 Index stated in the Report
- SASB(Sustainability Accounting Standards Board) Index stated in the Report
- Quantitative data of Subsidiary(eMagin) stated in ESG Factbook
- TCFD(Task Force on Climate-related Financial Disclosures) 4 Recommendations and 11 Recommended Disclosures.

Note: Compliance with “Guidance for All sectors and Supplemental Guidance for Certain Sectors” for TCFD 11 Recommended Disclosures is not included in the assurance scope.

Assurance Process and Methodology

KSA used the following methods to gather information, documents, and evidence with respect to the assurance scope.

- Confirmation of stakeholder participation and materiality assessment process by the sustainability expert.
- Verification of environmental information disclosure data and information by GHG verifier
- A review of the financial performance data by the certified accountant
- Examination of internal documents and basic materials.

Inherent Limitations

KSA assumed that the data and evidence provided by the Company were complete and sufficient and conducted the limited assurance through data inquiry and analysis as well as limited sampling methods. And there are no certified standards to evaluate and measure sustainability information and diverse measures and measurement methodologies are acceptable, therefore, it can affect comparability between entities.

Restricted Use

This Third-party Assurance Statement is provided solely for the management of Samsung Display to assist in understanding of the Company’s sustainability performances and activities. Consequently, KSA has no liability or responsibility to any third party, other than the Company and its management, who uses this statement.

Assurance Results and Opinions

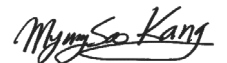
KSA reviewed the draft version of this Report within the scope of this assurance and presented our opinions as an assurance provider. Modifications were made to the Report content if deemed necessary. KSA was not aware of any suspicions of significant errors or inappropriate descriptions in this Report as a result of our Assurance Engagement. As such, KSA presents our opinions of the ‘Samsung Display Sustainability Report 2024’ as follows.

- KSA believes the Company is aware of the importance of stakeholder participation and is making an all-out effort to establish a process that will increase their participation. The Company has selected stakeholders including customers, employees, suppliers, local communities, NGOs, CSR associations, specialized institutions, government, and the media, etc and has communication channels for each group to receive diverse feedback and opinions.
- KSA is not aware of any significant omissions or exclusions of data that are material to stakeholders. KSA verified that the Company conducted a materiality assessment with issues identified from analyses of internal and external environments and reported according to the result.
- KSA verified that the Company responded to stakeholders’ needs and interests by reflecting stakeholders’ opinions in the Report. KSA is not aware of any evidence that the Company’s response to significant issues of stakeholders was reported inappropriately.
- KSA verified that the Company is monitoring and assessing its impact on the stakeholders by conducting an enhanced verification of its standard business activities. Furthermore, it has been verified that the Company appropriately publishes its findings in the Report.

26th June 2024

5, Teheran-ro 69-gil, Gangnam-gu, Seoul, South Korea

Myung Soo Kang KSA Chairman & CEO



This Third-party Assurance Statement is valid as of the above Assurance Statement date. Therefore, events or situations that may significantly affect the Company’s report may occur during the period from the date of Assurance opinion to the time of reading this Assurance Statement, and as a result, this Assurance Statement may be revised.

Third-party Assurance Statement for Affiliates(SUM)

Dear Management of SUMaterials Co., Ltd.

Korean Standards Association ("KSA") has performed a reasonable assurance engagement on 76 ESG data items (hereinafter referred to as ESG data) of SUMaterials Co., Ltd. (hereinafter referred to as the Company) for the three fiscal years from January 1, 2021, to December 31, 2023.

Identified Assurance Information

The 76 items of ESG data subject to assurance are outlined in Attachment 1. KSA's Assurance engagement pertains solely to the aforementioned three fiscal years, and no assurance procedures have been performed on any other periods or other ESG-related information of the company. Consequently, KSA does not express any conclusions regarding those matters. Additionally, any data not presented by the company was excluded from the scope of verification.

Criteria

The criteria used by the company to prepare the identified assurance information are based on global sustainability standards such as ESRS, IFRS S1, and S2. Additionally, the templates provided by the controlling company for ESG data preparation and the specifications according to internal group greenhouse gas reporting template were also utilized.

The Company's Responsibility

The Company is responsible for the preparation of the identified assurance ESG data in accordance with the criteria. This responsibility includes the design and implementation, and maintenance of internal control relevant to preparation of identified Assurance Information that is free from material misstatement, whether due to fraud or error.

Inherent Limitations

There are no generally accepted criteria for evaluating and measuring non-financial information, and various metrics and measurement methods may be permitted. As a result, this may affect the comparability between entities. KSA do not express any opinion on whether the criteria used by the company align with global sustainability standards. Therefore, if the assurance information is used for purposes other than the intended purpose of the compliance criteria, significant limitations may arise.

Independence and Professionalism of Assurance provider

As an assurance provider, KSA has the independence of assurance by analyzing conflicts of interest in advance without compromising the objectivity and fairness of assurance in compliance with ISO/IEC 17029 requirements and has the professionalism by providing reliable assurance results by sustainability expert, GHG verifier, and certified accountant.

Assurance provider's Responsibility

KSA's responsibility is to express reasonable assurance on the identified ESG data based on the procedures we have performed and the evidence we have obtained. We assessed the risk of material misstatement in the verified ESG data due to fraud or error in accordance with ISAE 3000 established by the IAASB. The procedures we performed were based on KSA's professional judgment and included inquiries, observation of processes performed, review of documentation, analytical procedures, quantification methods, and cross-checking and verification of underlying information.

Assurance Results and Opinions

As a result of KSA's assurance procedures, the ESG data has been prepared in all material respects in accordance with the criteria used by the company.

Restricted Use

This Third-party Assurance Statement is provided solely for the management of the Company to assist understanding of the Company's ESG performances and activities. Consequently, KSA has no any liability and responsibility to any third party, other than the Company and its management, who use this statement.

May 31, 2024

5, Teheran-ro 69-gil, Gangnam-gu, Seoul, South Korea

Myung Soo Kang KSA Chairman & CEO



This Third-party Assurance Statement is valid as of the above assurance statement date. Therefore, between the date of this assurance statement and the time of reading this assurance statement, an event or situation that may have a significant impact on the Company's report may occur, which may result in this assurance statement being revised.

Third-party Assurance Statement for Affiliates(SCG)

Dear Management of Samsung Corning Advanced Glass, LLC

Korean Standards Association (hereinafter referred to as "KSA") has performed a reasonable assurance engagement on 76 ESG data items (hereinafter referred to as ESG data) of Samsung Corning Advanced Glass, LLC (hereinafter referred to as the Company) for the three fiscal years from January 1, 2021, to December 31, 2023.

Identified Assurance Information

The 76 items of ESG data subject to assurance are outlined in Attachment 1. KSA's Assurance engagement pertains solely to the aforementioned three fiscal years, and no assurance procedures have been performed on any other periods or other ESG-related information of the company. Consequently, KSA does not express any conclusions regarding those matters.

Criteria

The criteria used by the company to prepare the identified assurance information are based on global sustainability standards such as ESRS, IFRS S1, and S2. Additionally, the templates provided by the controlling company for ESG data preparation and the specifications according to the domestic GHG emissions trading scheme were also utilized.

The Company's Responsibility

The Company is responsible for the preparation of the identified assurance ESG data in accordance with the criteria. This responsibility includes the design and implementation, and maintenance of internal control relevant to preparation of identified Assurance Information that is free from material misstatement, whether due to fraud or error.

Inherent Limitations

There are no generally accepted criteria for evaluating and measuring non-financial information, and various metrics and measurement methods may be permitted. As a result, this may affect the comparability between entities. KSA does not express any opinion on whether the criteria used by the company align with global sustainability standards. Therefore, if the assurance information is used for purposes other than the intended purpose of the compliance criteria, significant limitations may arise.

Independence and Professionalism of Assurance provider

As an assurance provider, KSA has the independence of assurance by analyzing conflicts of interest in advance without compromising the objectivity and fairness of assurance in compliance with ISO/IEC 17029 requirements and has the professionalism by providing reliable assurance results by sustainability expert, GHG verifier, and certified accountant.

Assurance provider's Responsibility

KSA's responsibility is to express reasonable assurance on the identified ESG data based on the procedures we have performed and the evidence we have obtained. We assessed the risk of material misstatement in the verified ESG data due to fraud or error in accordance with ISAE 3000 established by the IAASB. The procedures we performed were based on KSA's professional judgment and included inquiries, observation of processes performed, review of documentation, analytical procedures, quantification methods, and cross-checking and verification of underlying information.

Assurance Results and Opinions

As a result of KSA's assurance procedures, the ESG data has been prepared in all material respects in accordance with the criteria used by the company.

Restricted Use

This Third-party Assurance Statement is provided solely for the management of the Company to assist understanding of the Company's ESG performances and activities. Consequently, KSA has no any liability and responsibility to any third party, other than the Company and its management, who use this statement.

May 14, 2024

5, Teheran-ro 69-gil, Gangnam-gu, Seoul, South Korea

Myung Soo Kang KSA Chairman & CEO



This Third-party Assurance Statement is valid as of the above assurance statement date. Therefore, between the date of this assurance statement and the time of reading this assurance statement, an event or situation that may have a significant impact on the Company's report may occur, which may result in this assurance statement being revised.

Third-party Assurance Statement for Affiliates(SFC)

Dear Management of SFC Co., Ltd.

Korean Standards Association (hereinafter referred to as "KSA") has performed a reasonable assurance engagement on 76 ESG data items (hereinafter referred to as ESG data) of SFC Co., Ltd. (hereinafter referred to as the Company) for the three fiscal years from January 1, 2021, to December 31, 2023.

Identified Assurance Information

The 76 items of ESG data subject to assurance are outlined in Attachment 1. KSA's Assurance engagement pertains solely to the aforementioned three fiscal years, and no assurance procedures have been performed on any other periods or other ESG-related information of the company. Consequently, KSA does not express any conclusions regarding those matters. Additionally, any data not presented by the company was excluded from the scope of verification.

Criteria

The criteria used by the company to prepare the identified assurance information are based on global sustainability standards such as ESRS, IFRS S1, and S2. Additionally, the templates provided by the controlling company for ESG data preparation and the specifications according to internal group greenhouse gas reporting template were also utilized.

The Company's Responsibility

The Company is responsible for the preparation of the identified assurance ESG data in accordance with the criteria. This responsibility includes the design and implementation, and maintenance of internal control relevant to preparation of identified Assurance Information that is free from material misstatement, whether due to fraud or error.

Inherent Limitations

There are no generally accepted criteria for evaluating and measuring non-financial information, and various metrics and measurement methods may be permitted. As a result, this may affect the comparability between entities. For the financial data included in the ESG data, due to the difference between the reporting period (January 1 to December 31) and the company's fiscal period (April 1 to March 31), we received monthly data through consultation with the company. This was done to crosscheck the ESG data (reporting period) with the audited financial statements (fiscal period) respectively. KSA does not express any opinion on whether the criteria used by the company align with global sustainability standards. Therefore, if the assurance information is used for purposes other than the intended purpose of the compliance criteria, significant limitations may arise.

Independence and Professionalism of Assurance provider

As an assurance provider, KSA has the independence of assurance by analyzing conflicts of interest in advance without compromising the objectivity and fairness of assurance in compliance with ISO/IEC 17029 requirements and has the professionalism by providing reliable assurance results by sustainability expert, GHG verifier, and certified accountant.

Assurance provider's Responsibility

KSA's responsibility is to express reasonable assurance on the identified ESG data based on the procedures we have performed and the evidence we have obtained. We assessed the risk of material misstatement in the verified ESG data due to fraud or error in accordance with ISAE 3000 established by the IAASB. The procedures we performed were based on KSA's professional judgment and included inquiries, observation of processes performed, review of documentation, analytical procedures, quantification methods, and cross-checking and verification of underlying information.

Assurance Results and Opinions


As a result of KSA's assurance procedures, the ESG data has been prepared in all material respects in accordance with the criteria used by the company.

Restricted Use

This Third-party Assurance Statement is provided solely for the management of the Company to assist understanding of the Company's ESG performances and activities. Consequently, KSA has no any liability and responsibility to any third party, other than the Company and its management, who use this statement.

May 14, 2024

5, Teheran-ro 69-gil, Gangnam-gu, Seoul, South Korea

Myung Soo Kang KSA Chairman & CEO 

This Third-party Assurance Statement is valid as of the above assurance statement date. Therefore, between the date of this assurance statement and the time of reading this assurance statement, an event or situation that may have a significant impact on the Company's report may occur, which may result in this assurance statement being revised.

GRI Content Index

Statement of use	Samsung Display reports its ESG and sustainability management operations for the period from January 1, 2023, through December 31, 2023, in accordance with the GRI standards.
GRI 1 used	GRI 1: Foundation 2021
Applicable GRI Sector Standard(s)	To be reported after the announcement of the sector (Electronics) Samsung Display is categorized under.

GRI Standard	Disclosure No.	Disclosure Indicators	Page	Reasons for emission	Remarks
GRI 2: General Disclosures					
GRI 2: General Disclosures 2021	2-1	Organizational details	p.6~7		
	2-2	Entities included in the organization's sustainability reporting	p.7		
	2-3	Reporting period, frequency and contact point	p.2		
	2-4	Restatements of information	p.2, 121, 132, 136, 138		Changes in calculation criteria on page 121 Changed figure of N ₂ O process degradation rate reflected on page 132 Changes in effluent calculation criteria on page 136 Changes in waste generation calculation criteria and general waste disposal and incineration calculation criteria on page 138
	2-5	External assurance	p.165~170		
	2-6	Activities, value chain and other business relationships	p.6, 9~13, 17~18, 20~21		
	2-7	Employees	p.6, 120		Headcount as of the last day of the fiscal year
	2-8	Workers who are not employees	p.121		Headcount as of the last day of the fiscal year
	2-9	Governance structure and composition	p.112		
	2-10	Nomination and selection of the highest governance body	p.112		
	2-11	Chair of the highest governance body	p.112		
	2-12	Role of the highest governance body in overseeing the management of impacts	p.16		
	2-13	Delegation of responsibility for managing impacts	p.16, 28, 54, 64, 72, 97, 104		
	2-14	Role of the highest governance body in sustainability reporting	p.16		
	2-15	Conflicts of interest	p.112		
	2-16	Communication of critical concerns	p.16, 28, 54, 64, 72, 97, 104, 112		
	2-17	Collective knowledge of the highest	p.112		

GRI Content Index

GRI Standard	Disclosure No.	Disclosure Indicators	Page	Reasons for emission	Remarks
GRI 2: General Disclosures 2021	2-18	Evaluation of the performance of the highest governance body	FY2023 consolidated audit report p.111		
	2-19	Remuneration policies	-	Insufficient data	Improvements to remuneration policies are planned for the mid- to long-term.
	2-20	Process to determine remuneration	-	Confidential data	Details are not disclosed due to a decision by management.
	2-21	Annual total compensation ratio	-	Confidential data	Details are not disclosed due to a decision by management.
	2-22	Statement on sustainable development	p.5		
	2-23	Policy commitments	p.46, 54, 64, 70, 72, 97, 105, 115		
	2-24	Embedding policy commitments	p.46, 54, 64, 70, 72, 97, 105, 115		
	2-25	Processes to remediate negative impacts	p.67-69, 73, 75, 101, 106, 108		
	2-26	Mechanisms for seeking advice and raising concerns	p.67, 73, 101, 106, 108		
	2-27	Compliance with laws and regulations	p.104-111		
	2-28	Membership associations	p.203		
	2-29	Approach to stakeholder engagement	p.20-21		
	2-30	Collective bargaining agreements	p.74, 122		
GRI 3: Material Topics					
GRI 3: Material Topics 2021	3-1	Process to determine material topics	p.24		
	3-2	List of material topics	p.24-25		
Climate Action					
GRI 3: Material Topics 2021	3-3	Management of material topics	p.25		
GRI 302: Energy 2016	302-1	Energy consumption within the organization	p.135		
	302-3	Energy intensity	p.135		
	302-4	Reduction of energy consumption	p.31-33		

GRI Content Index

GRI Standard	Disclosure No.	Disclosure Indicators	Page	Reasons for emission	Remarks
GRI 305: Emissions 2016	305-1	Direct (Scope 1) GHG emissions	p.132		
	305-2	Energy indirect (Scope 2) GHG emissions	p.132		
	305-3	Other indirect (Scope 3) GHG emissions	p.33, 132, 134		
	305-4	GHG emissions intensity	p.35, 132		
	305-5	Reduction of GHG emissions	p.31-33		
	305-6	Emissions of ozone-depleting substances (ODS)	p.139		
	305-7	Nitrogen oxides (NOx), sulfur oxides (SOx), and other significant air emissions	p.139		
Waste Management and Circular Economy					
GRI 3: Material Topics 2021	3-3	Management of material topics	p.25		
GRI 301: Materials 2016	301-1	Materials used by weight or volume	p.140		
	301-2	Recycled input materials used	p.140		
	301-3	Reclaimed products and their packaging materials	p.37-38, 138		
GRI 306: Waste 2020	306-1	Waste generation and significant waste-related impacts	p.36-39		
	306-2	Management of significant waste-related impacts	p.36-39		
	306-3	Waste generated	p.138		
	306-4	Waste diverted from disposal	p.138		
	306-5	Waste directed to disposal	p.138		
Human Rights Management					
GRI 3: Material Topics 2021	3-3	Management of material topics	p.25		
GRI 405: Diversity and Equal opportunity 2016	405-1	Diversity of governance bodies and employees	p.74, 76-77, 122		
	405-2	Ratio of basic salary and remuneration of women to men	p.74		
GRI 406: Non-discrimination 2016	406-1	Incidents of discrimination and corrective actions taken	p.73, 75-76, 126		

GRI Content Index

GRI Standard	Disclosure No.	Disclosure Indicators	Page	Reasons for emission	Remarks
Safety and Health Management					
GRI 3: Material Topics 2021 GRI 403: Occupational Health & Safety 2018	3-3	Management of material topics	p.25		
	403-1	Occupational health and safety management system	p.54-55, 63		
	403-2	Hazard identification, risk assessment, and incident investigation	p.56, 60-62		
	403-3	Occupational health services	p.59, 63, 83-84		
	403-4	Worker participation, consultation, and communication on occupational health and safety	p.54, 57-59, 62-63, 124		
	403-5	Worker training on occupational health and safety	p.57-59, 63		
	403-6	Promotion of worker health	p.83-84		
	403-7	Prevention and mitigation of occupational health and safety impacts directly linked by business relationships	p.55-63		
	403-9	Work-related injuries	p.63, 124		
Supply Chain Sustainability Management					
GRI 3: Material Topics 2021	3-3	Management of material topics	p.25		
	GRI 308: Supplier Environmental Assessment 2016	308-1	New suppliers that were screened using environmental criteria	p.68	
308-2		Negative environmental impacts in the supply chain and actions taken	p.65-66, 68-71		
GRI 414: Supplier Social Assessment 2016	414-1	New suppliers that were screened using social criteria	p.68		
	414-2	Negative social impacts in the supply chain and actions taken	p.65-66, 68-71		
Information Security					
GRI 3: Material Topics 2021	3-3	Management of material topics	p.25		
GRI 418: Customer Privacy 2016	418-1	Substantiated complaints concerning breaches of customer privacy and losses of customer data	p.103, 125		

GRI Content Index

GRI Standard	Disclosure No.	Disclosure Indicators	Page	Reasons for emission	Remarks
Ethical and Compliance Management					
GRI 3: Material Topics 2021	3-3	Management of material topics	p.25		
GRI 205: Anti-corruption 2016	205-2	Communication and training about anti-corruption policies and procedures	p.105-109, 111, 125		
	205-3	Confirmed incidents of corruption and actions taken	p.106, 108, 111, 125		
GRI 206: Anti-competitive Behavior 2016	206-1	Legal actions for anti-competitive behavior, anti-trust, and monopoly practices	p.106, 108, 111, 125		
Other issues					
GRI 201: Economic Performance 2016	201-1	Direct economic value generated and distributed	p.6, 118-119		
GRI 203: Indirect Economic Impacts	203-1	Infrastructure investments and services supported	p.86-90, 131		
	203-2	Significant indirect economic impacts	p.86-90, 131		
GRI 207: Tax 2019	207-1	Approach to tax	p.114-115		
	207-2	Tax governance, control, and risk management	p.114-115		
	207-3	Stakeholder engagement and management of concerns related to tax	p.21, 114-115		
	207-4	Country-by-country reporting	p.118		
GRI 303: Water and Effluents 2018	303-1	Interactions with water as a shared resource	p.47-48		
	303-2	Management of water discharge-related impacts	p.46-47		
	303-3	Water withdrawal	p.136		
	303-4	Water discharge	p.136		
	303-5	Water consumption	p.47, 137		
GRI 401: Employment 2016	401-1	New employee hires and employee turnover	p.77, 121		
	401-3	Parental leave	p.83, 122		
GRI 404 : Training and Education 2016	404-1	Average hours of training per year per employee	p.77, 123		
	404-2	Programs for upgrading employee skills and transition assistance programs	p.77-79, 123		
	404-3	Percentage of employees receiving regular performance and career development reviews	p.79		
GRI 413 : Local Communities 2016	413-2	Operations with significant actual and potential negative impacts on local communities	p.48-50		

[Technology and Communications] Hardware: Sustainability Disclosure Topics & Accounting Metrics

Topic	Code	Accounting Metric	2023 Responses	Page
Product Security	TC-HW-230a.1	Description of approach to identifying and addressing data security risks in products	There are no direct security risks related to products since Samsung Display is not in the finished products industry.	N/A
Employee Diversity and Inclusion	TC-HW-330a.1	(1) Percentage of gender and racial/ethnic group representation in management	We manage metrics on the proportion of female employees by position and region. Please refer to the relevant report page.	p.74, 122
		(2) Percentage of gender and racial/ethnic group representation in technical employees	We manage metrics on the proportion of female employees by position and region. Please refer to the relevant report page.	p.74, 122
		(3) Percentage of gender and racial/ethnic group representation in all other employees	We manage metrics on the proportion of female employees by position and region. Please refer to the relevant report page.	p.74, 122
Product Lifecycle Management	TC-HW-410a.1	Percentage of products by revenue that contain IEC 62474 declarable substances	Samsung Display complies with global regulations (such as EU RoHS, REACH), and have established and strictly manage in-house rules that reflect international and domestic environmental standards. For IEC 62474 related hazardous substances, there is no obligation to disclose as they are classified as reporting exceptions and are contained within the standard. Please refer to the relevant report page for hazardous chemical substance management activities.	p.42~45
	TC-HW-410a.2	Percentage of eligible products, by revenue, that meet the requirements for EPEAT (Electronic Product Environmental Assessment Tool) or equivalent	As we are a company engaging in the development and manufacturing of display panels and do not produce finished products, these metrics are not subject to management. However, in order to comply with the hazardous substance management standards within EPEAT, we have systemized the process from supply chain management of parts suppliers to internal monitoring and manage all partner companies systematically.	p.42
	TC-HW-410a.3	Percentage of eligible products, by revenue, that have obtained the ENERGY STAR certification or meet the criteria	As we are a company engaging in the development and manufacturing of display panels and do not produce finished products, these metrics are not subject to management. We manage energy efficiency by monitoring energy consumption of large-scale facilities in the process of implementing business activities. To manage energy efficiently without wasting power, we have established an energy management system (FEMS) and integrated unit-based system.	p.31
	TC-HW-410a.4	Weight of EOL (End-Of-Life) products and e-waste recovered	As we are a company engaging in the development and manufacturing of display panels and do not produce finished products, these metrics are not subject to management. To minimize the use of resources, we manage the recycling rates as KPI, monitor waste-related impacts, and operate a resource circulation center to systematically manage display product waste generated on campus. Ongoing efforts are continuously being made to recycle waste resources and materials.	p.36~38
Percentage of EOL (End-Of-Life) products and e-waste recycled		p.36~38		
Supply Chain Management	TC-HW-430a.1	Percentage of Tier1 supplier facilities audited in the RBA (Responsible Business Alliance) VAP (Validated Audit Process) or equivalent, by (a) all facilities	We selected 4 outstanding partners (1 domestic, 3 overseas) in the field of labor human rights / environmental safety management among 73 partner companies for equipment / raw material, accounting for over 90% of transactions. In 2023, we conducted a third-party verification as a pilot based on RBA standards. This is equivalent to 5% of our partner companies.	p.69
		Percentage of Tier1 supplier facilities audited in the RBA (Responsible Business Alliance) VAP (Validated Audit Process) or equivalent, by (b) high-risk facilities		p.69

[Technology and Communications] Hardware: Sustainability Disclosure Topics & Accounting Metrics

Topic	Code	Accounting Metric	2023 Responses	Page
Supply Chain Management	TC-HW-430a.2	Tier1 suppliers' (1) non-conformance rate with the RBA VAP or equivalent	In 2023, the average compliance rate of the 4 partner companies that conducted RBA VAP was 96%, and the non-compliance rates by category are as below. - Labor human rights: 9% Safety and health: 2% Environment: 0% Corporate ethics: 0% Management system 2%	p.127-129
		Tier1 suppliers' (2) associated corrective action rate for priority non-conformances with the RBA VAP or equivalent	As a result of the pilot third-party verification, there were no items that received priority non-conformance. Improvement measures were requested for other violations and checked through review. For key violations that need time for improvement are being checked for corrective actions in collaboration with partners. Improvement rates for each item are as below. - Labor human rights: 41% Safety and health: 83% Environment: 100% Corporate ethics: 100% Management system: 88%	p.130
		Tier1 suppliers' (3) associated corrective action rate for other non-conformances with the RBA VAP or equivalent		
Materials Sourcing	TC-HW-440a.1	Description of the management of risks associated with the use of critical materials ¹⁾	We have defined responsibilities and authorities by department for managing conflict minerals, and operate a mineral management system based on the OECD 'Due Diligence Guidance for Responsible Supply Chains of Minerals from Conflict-Affected and High-Risk Areas.' We conduct internal inspections based on the information submitted by partners. For those dealing with uncertified smelters, we request the suspension of transactions with such uncertified smelters to minimize negative impacts.	p.70

1) We manage conflict minerals as critical materials

[Technology and Communications] Hardware: Activity Metrics

Code	Accounting Metric	2023 Responses	Page
TC-HW-000.A	Number of units produced by product category	Our main product category includes OLED panels for smartphones and OLED panels for TVs. Please refer to the relevant report page regarding production volumes.	p.119
TC-HW-000.B	Surface area and location of manufacturing facilities	As of the end of 2023, the surface area of our manufacturing sites is 469,380m2, and they are located in Asan and Cheonan in Korea, and internationally, in China, Vietnam, and India.	p.119
TC-HW-000.C	Percentage of production from owned facilities	The proportion of products produced at company-owned production facilities is 100%.	p.119

[Technology and Communications] Semiconductors: Sustainability Disclosure Topics & Accounting Metrics

Topic	Code	Accounting Metric	2023 Responses	Page
GHG Emissions	TC-SC-110a.1	(1) Gross global Scope 1 emissions	The Scope 1 total emissions of Samsung Display is 1,284 thousand metric tons of CO ₂ e. Please refer to the report page for additional details.	p.132
		(2) Total emissions from perfluorinated compounds (PFCs)	Total emissions from perfluorinated compounds (PFCs) is 144 thousand metric tons of CO ₂ e. Please refer to the report page for additional details.	p.133
	TC-SC-110a.2	Discussion of long-term and short-term strategies or plan to manage Scope 1 emissions, emissions reduction targets, and analysis of performance against those targets	In the short-term, we plan to reduce Scope 1 emissions through 'GHG emission control technology,' 'substitute with low-carbon gases,' and 'improvement of energy efficiency.' In the mid-to long-term, we aim to realize carbon neutrality by promoting development and dissemination of innovative products such as 'improving treatment efficiency of process gas' and 'developing low-power products.' In 2023, we reduced Scope 1 emissions through activities such as improving N ₂ O treatment efficiency and reducing emissions from F gases. We are also striving to reduce emissions by participating in working group meeting of the WDICC and community advocacy activities.	p.30
Manufacturing Sector Energy Management	TC-SC-130a.1	(1) Total energy consumed	The total campus energy consumed is 7,807GWh. Please refer to the report page for additional details.	p.135
		(2) Percentage grid electricity	The percentage of grid power usage is approximately 85%.	-
		(3) Percentage renewable	The percentage of renewable energy usage is approximately 15%. It is 23% when including the renewable energy procurement.	p.135
Water Management	TC-SC-140a.1	(1) Total water withdrawn	The total water withdrawn is 38,920 thousand metric tons. Please refer to the report page for additional details.	p.136
		(2) Total water consumed	The total water consumed is 2,381 thousand metric tons. Please refer to the report page for additional details.	p.137
		Total water withdrawn percentage in regions with high or extremely high baseline water stress	Using the Aqueduct Tools of the World Resources Institute (WRI), we identify water stress levels in the areas of each business site. We have established response plans and goals according to the stress levels and manage them. Our subsidiary located in Bac Ninh, Vietnam (SDV) was identified as being exposed to water risks, the water withdrawal rate in this area is 100%, and the water consumption rate is not subject to management. We are carrying out water conservation activities at our Vietnamese subsidiary and has established a plan to promote water resource management activities in connection with the headquarters.	p.137
		Total water consumed percentage in regions with high or extremely high baseline water stress		
Waste Management	TC-SC-150a.1	Amount of hazardous waste from manufacturing	The amount of hazardous waste generated is 82,724 metric tons. Please refer to the report page for waste management status.	P.138
		Percentage recycled	The recycling rate of hazardous waste is 96.2%. We are promoting various activities to contribute to resource circulation through safe management and recycling of industrial waste. Especially in 2023, we converted incinerated waste PVC to recycling, and we are making efforts to realize a circular economy by recycling waste liquids, waste glass, and waste release paper films generated in the manufacturing process.	p.37-38, 138
Employee Health and Safety	TC-SC-320a.1	Description of the organization's efforts to assess, monitor and reduce exposure of employees to human health hazards	All campuses established a safety and health management system, and obtained ISO 45001 certification. In addition, by identifying the 4M factors (Man, Machine, Media, Management) as primary causes of accidents, we operate safety management programs by causes, composed a T/F to substitute / reduce health-hazardous substances, conduct investigations on musculoskeletal hazardous factors, and regularly evaluate the level of safety culture.	p.55-56, 59-60

[Technology and Communications] Semiconductors: Sustainability Disclosure Topics & Accounting Metrics

Topic	Code	Accounting Metric	2023 Responses	Page
Employee Health and Safety	TC-SC-320a.2	Total amount of monetary losses as a result of legal proceedings associated with employee health and safety violations	There have been zero legal cases or proceedings related to safety and health, resulting in no monetary losses.	2023 Samsung Electronics Business Report p.460-461
Recruiting and Managing a Global and Skilled Workforce	TC-SC-330a.1	Percentage of employees that are foreign nationals / located offshore	This metric is currently being prepared.	N/A
Product Lifecycle Management	TC-SC-410a.1	Percentage of products by revenue that contain IEC 62474 declarable substances	Samsung Display complies with global regulations (such as EU RoHS, REACH), and have established and strictly manage in-house rules that reflect international and domestic environmental standards. For IEC 62474 related hazardous substances, there is no obligation to disclose as they are classified as reporting exceptions and are contained within the standard. Please refer to the relevant report page for Samsung Display's hazardous chemical substance management activities.	p.42~45
	TC-SC-410a.2	(1) Processor energy efficiency at a system-level for servers	N/A	N/A
		(2) Processor energy efficiency at a system-level for desktops		
		(3) Processor energy efficiency at a system-level for laptops		
Materials Sourcing	TC-SC-440a.1	Description of the management of risks associated with the use of critical materials ¹⁾	We have defined responsibilities and authorities by department for managing conflict minerals, and operate a mineral management system based on the OECD 'Due Diligence Guidance for Responsible Supply Chains of Minerals from Conflict-Affected and High-Risk Areas.' We conduct internal inspections based on the information submitted by partners. For those dealing with uncertified smelters, we request the suspension of transactions with such uncertified smelters to minimize negative impacts.	P.70
IP Protection and Competitive Behavior	TC-SC-520a.1	Total amount of monetary losses as a result of legal proceedings associated with anti-competitive behavior regulations	There is one legal case / proceeding related to anti-competitive behavior, and as of June 2024, we are awaiting a final judgment, resulting in no monetary losses. On August 27, 2021, the Fair Trade Commission issued a correction order and imposed a fine (KRW 22.857 billion) on our company for violating Article 23, Paragraph 1, Item 7 (Prohibition of Unfair Trade Practices) of the Monopoly Regulation and Fair Trade Act, regarding the group meal transactions with Samsung Welstory Inc. We received the disposition resolution on August 30, 2021. In this regard, we filed an administrative lawsuit with the Seoul High Court against the Fair Trade Commission in September 2021, requesting the cancellation of the sanctions, and this is currently ongoing. Separately, on January 27, 2022, a decision was made to suspend the enforcement of the correction order.	p.126

1) We manage conflict minerals as critical materials

[Technology and Communications] Semiconductors: Sustainability Disclosure Topics & Accounting Metrics

Code	Accounting Metric	2023 Responses	Page
TC-SC-000.A	Total production	The production performance of display panels is 1.407 million units (based on 8 th generation glass conversion), and is being produced in locations such as Cheonan and Asan.	p.119
TC-SC-000.B	Percentage of production from owned facilities	The proportion of products produced at company-owned production facilities is 100%.	p.119

Category	Recommendation Disclosures	Our Responses	Page
Governance	a) Describe the board's oversight of climate-related risks and opportunities.	Samsung Display recognizes environmental issues, such as climate change, as an overarching area that could directly impact its business operations and financial performance. In response, the Board of Directors serves as a supervisor for environmental management across all business operations. Additionally, three councils are in operation to monitor the progress of climate-related tasks and make decisions regarding them.	p.28
	b) Describe management's role in assessing and managing climate-related risks and opportunities.	The CEO is authorized to make final decisions on ESG affairs, including climate change, and bears the ultimate responsibility. The CEO convenes the ESG Management Council, which is comprised of professional directors in key areas, on a quarterly basis. This council makes informed decisions, taking into account various impacts from an integrated perspective, formulating environmental management plans, and reviewing progress. The CFO, who has responsibility and authority in terms of establishing ESG strategies, enforcing investments, and financing, presides over the Sustainability Management Council bimonthly. This council formulates strategies and goals for climate action, sets GHG and energy reduction targets, and monitors them. Meanwhile, the CSO leads the ESG Management TF meetings in odd-numbered months with the aim to promote efforts towards carbon neutrality and examine the development.	p.28
Strategy	a) Describe the climate-related risks and opportunities the organization has identified over the short, medium, and long term.	Climate-derived risks and opportunities could impact not only products and services, but also manufacturing procedures, supply chain, R&D, and other business activities. We have identified issues posed by climate change by scope and period, and then classified them into transition and physical risks. This is followed by the establishment of countermeasures to respond to them in a strategic manner. We have also analyzed opportunities and incorporated the findings into our decision-making associated with company-wide policies. In the short-term (by 2025, Korean Emissions Trading Scheme (K-ETS) 3rd phase), we see the growing demand for climate action from customers and water scarcity as potential risks. In the mid-term (2026 ~ 2030, K-ETS 4th phase), we project the emergence of intensifying transition risks such as a more stringent Emission Trading System and the introduction of regulations on low-carbon products. Meanwhile, we expect low-emission energy use and participation in the carbon market for operational cost reduction to be opportunities. In the long-term (2031 ~ 2050, our achievement of net-zero), physical risks, such as decreased energy efficiency stemming from extreme weather conditions, are expected as risks. However, new product development through R&D and innovation, and subsequent growing demand are expected as opportunities.	p.29
	b) Describe the impact of climate-related risks and opportunities on the organization's businesses, strategy, and financial planning.	Transition risks include undermining market competitiveness, rising operational costs, and degrading reputation arising from products that do not meet customer needs for sustainability, and insufficient responses to relevant regulations. These are likely to have financial impacts, such as a decrease in sales. The financial impact of physical risks could be an unstable product supply and increasing financial burdens due to increased power consumption. As for opportunities, operational cost reduction and growing demand for sustainable new products are likely to increase our profitability.	p.29
	c) Describe the resilience of the organization's strategy, taking into consideration different climate-related scenarios, including a 2°C or lower scenario.	Samsung Display strives to strengthen its resilience, which is evidenced by the identification of impacts of societal and environmental changes according to climate change scenarios, and the subsequent establishment of countermeasures. To this end, we have reviewed IEA NZE and IPCC SSP5-8.5 scenarios and aim to constantly renew and upgrade our plans. With the purpose of gearing up for the reviewed scenarios, investments will be constantly made in 'GHG emissions control technologies,' 'replacing with low-carbon gases,' and 'improving energy efficiency.' We will also accelerate transitioning to renewable energy at both domestic and overseas subsidiaries, along with investments in transforming our equipment and manufacturing lines to be more energy efficient.	p.29
Risk Management	a) Describe the organization's processes for identifying and assessing climate-related risks.	On the basis of the Environmental Management System (ISO 14001), we have introduced a system that enables the responsible departments to evaluate climate risks that could impact our business operations and product development at all times and monitor them. In particular, utilizing the G-EHS designed for integrated risk management across environment, safety, and health issues, we nip risks in the bud and check their prevention. On top of that, we have kept track of climate risks to ensure seamless management through the establishment of an ESG Portal.	p.34, 114
	b) Describe the organization's processes for managing climate-related risks.	At Samsung Display, the ESG Management Council plays a pivotal role in devising plans for climate action at the company level. Risks are evaluated based on their occurrence probability and impacts, and then tailored management strategies are streamlined for each risk in a strategic manner. Furthermore, the Sustainability Management Office assumes the role of regularly monitoring our responses to climate change and key issues, and then reporting them to the ESG Management Council. By doing so, the monitoring results are incorporated into company-wide strategies and approaches to policies.	p.34
	c) Describe how processes for identifying, assessing, and managing climate-related risks are integrated into the organization's overall risk management.	We have linked our integrated risk management system to the ISO 14001 to create a process that identifies climate risks in advance, prevents them, and assesses their impact. Every year, we conduct internal and external evaluations to verify the appropriateness and effectiveness of risk assessments. As for material risks, they are reported to the CFO and the Sustainability Management Council so that responses can be made at the company level through the process currently under review.	p.34

TCFD Index

Category	Recommendation Disclosures	Our Responses	Page
Metrics and Targets	a) Disclose the metrics used by the organization to assess climate-related risks and opportunities in line with its strategy and risk management process.	Samsung Display has managed multiple metrics such as GHG emissions, GHG emissions intensity, energy consumption, ratio of renewable energy used, water withdrawal, and water reuse among others in terms of campus operations as part of efforts to assess and manage our climate risks and opportunities. When it comes to the circular economy, we have selected metrics including the amount of recycled raw materials used and reused raw materials used for the management of raw materials.	p.132~138, 140
	b) Disclose Scope 1, Scope 2 and, if appropriate, Scope 3 greenhouse gas (GHG) emissions and the related risks.	The GHGs emitted by us in 2023 are as follows: Scope 1: 1,284 kilotons CO ₂ e Scope 2 (market-based): 2,442 kilotons CO ₂ e Scope 2 (region-based): 3,480 kilotons CO ₂ e Scope 3: 2,483 kilotons CO ₂ e (Category 1 and 2 excluded) The risks posed by GHG emissions include rising carbon credit procurement costs arising from stricter Emission Trading System to achieve GHG reduction targets, undermining reputation and subsequent sales decrease due to the failure to respond to regulations and accomplish carbon neutrality, and increasing financial burdens stemming from large-scale investments in low-carbon product developments.	p.29~33, 132~133
	c) Describe the targets used by the organization to manage climate-related risks and opportunities and performance against targets.	With the aim to manage climate-related risks and opportunities, we have set a mid- to long-term target of achieving net-zero emissions by 2050. This is accompanied by concrete tasks such as GHG mitigation and a switch to renewable energy use, which is a testament to our commitment to accomplishing decarbonization.	p.30, 35, 134

Category	Index	Disclosure Requirements	Page	
ESRS 2 GENERAL DISCLOSURES				
Basis for preparation	BP-1	General basis for preparation of sustainability statements	Whether the sustainability statement has been prepared on a consolidated or individual basis	p.2
			For consolidated sustainability statements: a confirmation that the scope of consolidation is the same as for the financial statements	p.2
			Where applicable, an indication of which subsidiary undertakings included in the consolidation are exempted from individual or consolidated sustainability reporting	-
			To what extent the sustainability statement covers the undertaking's upstream and downstream value chain	p.2, 7
			Whether the undertaking has used the option to omit a specific piece of information corresponding to intellectual property, know-how or the results of innovation	-
			For undertakings based in an EU member state that allows for the exemption from disclosure of impending developments or matters in the course of negotiation, whether the undertaking has used that exemption	n/a
			BP-2	Disclosures in relation to specific circumstances
	The reasons for applying short-, medium- and long-term definitions	P.29		
	When metrics include upstream and/or downstream value chain data estimated using indirect sources, such as sector-average data or other proxies, the undertaking shall identify the metrics	p.33		
	Describe the basis for preparation for value chain data estimated using indirect sources	p.33		
	Describe the resulting level of accuracy for value chain data estimated using indirect sources	p.33		
	Describe the planned actions to improve the accuracy in the future for value chain data estimated using indirect sources	-		
	Identify the quantitative metrics and monetary amounts it has disclosed that are subject to a high level of measurement uncertainty	n/a		
	In relation to each quantitative metric and monetary amount identified: disclose information about the sources of measurement uncertainty	n/a		
	Disclose the assumptions, approximations and judgements the entity has made in measuring it	n/a		
	When changes in the preparation and presentation of sustainability information occur compared to the previous reporting period(s), explain the changes and the reasons for them	In case the calculation criteria for some quantitative data have changed, the details are described in the footnote		
	Disclose revised comparative figures, unless it is impracticable to do so			
	Disclose the difference between the figure disclosed in the preceding period and the revised comparative figure			
	When the undertaking identifies material prior period errors, it shall disclose the nature of the prior period material error			
	It shall disclose the correction for each prior period included in the sustainability statement			
If correction of the error is not practicable, the circumstances that led to the existence of that condition	p.2			
When the undertaking includes in its sustainability statement information stemming from other legislation which requires the undertaking to disclose sustainability information or from generally accepted sustainability reporting standards and frameworks				
In case of partial application of other reporting standards or frameworks, the undertaking shall provide a precise reference to the paragraphs of the standard or framework applied				
When the undertaking incorporates information by reference, it shall disclose a list of the disclosure requirements of ESRS, or the specific datapoints mandated by a Disclosure Requirement, that have been incorporated by reference	p.182-190			

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Category	Index	Disclosure Requirements	Page
Governance	GOV-1	The role of the administrative, management and supervisory bodies	
		Disclose the number of executive members	p.112
		Disclose the number of non-executive members	p.112
		Disclose the representation of employees and other workers	p.112
		Disclose the experience relevant to the sectors, products and geographic locations of the undertaking	p.112
		Disclose the percentage by gender	p.112
		Disclose the percentage of independent board members	p.112
		Disclose the roles and responsibilities of the administrative, management and supervisory bodies	p.112, 114
		Disclose the identity of the administrative, management and supervisory bodies (such as a board committee or similar) or individual(s) within a body responsible for oversight of impacts, risks and opportunities	p.112
		Disclose how each body's or individual's responsibilities for impacts, risks and opportunities are reflected in the undertaking's terms of reference, board mandates and other related policies	p.112
		A description of management's role in the governance processes, controls and procedures used to monitor, manage and oversee impacts, risks and opportunities	p.16, 28, 54, 64, 72, 97, 104
		Disclose whether that role is delegated to a specific management-level position or committee and how oversight is exercised over that position or committee	p.16, 28, 54, 64, 72, 97, 104
		A description of information about the reporting lines to the administrative, management and supervisory bodies	p.16, 28, 54, 64, 72, 97, 104
		Disclose whether dedicated controls and procedures are applied to the management of impacts, risks and opportunities and, if so, how they are integrated with other internal functions	p.16, 34, 114
	Disclose how the administrative, management and supervisory bodies and senior executive management oversee the setting of targets related to material impacts, risks and opportunities, and how they monitor progress towards them	p.16	
	Disclose how the administrative, management and supervisory bodies determine whether appropriate skills and expertise are available or will be developed to oversee sustainability matters	p.16	
	Disclose the sustainability-related expertise that the bodies, as a whole, either directly possess or can leverage, for example through access to experts or training	p.57-59, 65-67, 73, 99, 107-108	
	Disclose how those skills and expertise relate to the undertaking's material impacts, risks and opportunities	p.57-59, 65-67, 73, 99, 107-108	
	GOV-2	How the administrative, management and supervisory bodies are informed about sustainability matters	
		Disclose whether, by whom and how frequently the administrative, management and supervisory bodies, including their relevant committees, are informed about material impacts, risks and opportunities, the implementation of due diligence, and the results and effectiveness of policies, actions, metrics and targets adopted to address them	p.16, 28, 54, 64, 72, 97, 104
	A description of how the administrative, management and supervisory bodies consider impacts, risks and opportunities when overseeing the undertaking's strategy, its decisions on major transactions, and its risk management process, including whether they have considered trade-offs associated with those impacts, risks and opportunities	p.16, 28, 54, 64, 72, 97, 104	
	Disclose a list of the material impacts, risks and opportunities addressed by the administrative, management and supervisory bodies, or their relevant committees during the reporting period	p.28, 54, 64, 97, 104, 112	

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Category	Index	Disclosure Requirements	Page	
Governance	GOV-3	Integration of sustainability-related performance in incentive schemes	A description of the key characteristics of the incentive schemes	-
		Disclose whether performance is being assessed against specific sustainability-related targets and/or impacts, and if so, which ones	p.16, 28	
		Disclose whether and how sustainability-related performance metrics are considered as performance benchmarks or included in remuneration policies	p.16, 28	
		Disclose the proportion of variable remuneration dependent on sustainability-related targets and/or impacts	-	
		A description of the level in the undertaking at which the terms of incentive schemes are approved and updated	-	
	GOV-4	Statement on due diligence	Disclose a mapping of the information provided in its sustainability statement about the due diligence process	p.36, 49, 68-70, 75, 128
	GOV-5	Risk management and internal controls over sustainability reporting	Disclose the scope, main features and components of the risk management and internal control processes and systems in relation to sustainability reporting	p.16
			Disclose the risk assessment approach followed, including the risk prioritisation methodology	p.16, 34, 60, 68-69, 75, 102, 110, 113-114
			Disclose the main risks identified and their mitigation strategies including related controls	p.16, 34, 60, 68-69, 75, 102, 110, 113-114
			A description of how the undertaking integrates the findings of its risk assessment and internal controls as regards the sustainability reporting process into relevant internal functions and processes	p.34, 113-114
A description of the periodic reporting of the findings referred to in point (d) to the administrative, management and supervisory bodies			p.16	

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Category	Index	Disclosure Requirements	Page	
Strategy	SBM-1	Strategy, business model and value chain	Disclose the key elements of the undertaking's general strategy that relate to or affect sustainability matters	p.8, 15
			Disclose the significant groups of products and/or services offered, including changes in the reporting period (new/removed products and/or services)	p.9-13
			Disclose the significant markets and/or customer groups served, including changes in the reporting period (new/removed markets and/or customer groups)	p.9-13
			Disclose the headcount of employees by geographical areas	p.120
			Disclose where applicable and material, products and services that are banned in certain markets	-
			Disclose total revenue, as included in its financial statements	p.6, 117
			Disclose total revenue by significant ESRS sectors	-
			Disclose additional significant ESRS sectors in which the undertaking develops significant activities, or in which it is or may be connected to material impacts	n/a
			A description in the sustainability report of the matter if the undertaking is involved with fossil fuel (coal, oil and gas) sector	n/a
			Disclose total revenue from the fossil fuel (coal, oil and gas) sector	n/a
			Disclose revenues derived from activities related to coal	n/a
			Disclose revenues derived from activities related to oil	n/a
			Disclose revenues derived from activities related to gas	n/a
			Disclose the revenues derived from Taxonomy-aligned economic activities related to fossil gas	n/a
			A description in the sustainability report of the matter if the undertaking is involved with chemicals production	n/a
			Disclose the revenues derived from activities related to chemicals production	n/a
			A description in the sustainability report of the matter if the undertaking is involved with controversial weapons	n/a
			Disclose the revenues derived from activities related to controversial weapons	n/a
			A description in the sustainability report of the matter if the undertaking is involved with the cultivation and production of tobacco	n/a
			Disclose the revenues derived from activities related to the cultivation and production of tobacco	n/a
Disclose its sustainability-related goals in terms of significant groups of products and services, customer categories, geographical areas and relationships with stakeholders;	p.30, 36, 41, 46, 63, 71, 76, 103, 111			
Disclose an assessment of its current significant products and/or services, and significant markets and customer groups, in relation to its sustainability-related goals	p.9-13, 51-52			
Disclose the elements of the undertaking's strategy that relate to or impact sustainability matters, including the main challenges ahead, critical solutions or projects to be put in place, when relevant for sustainability reporting	p.15			
Disclose a description of its business model and value chain	p.6-7			

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Category	Index	Disclosure Requirements	Page	
Strategy	SBM-1	Strategy, business model and value chain	Disclose a description of its inputs and its approach to gathering, developing and securing those inputs	p.17
			Disclose its outputs and outcomes in terms of current and expected benefits for customers, investors and other stakeholders	p.18
			Disclose a description of the main features of its upstream and downstream value chain and the undertaking's position in its value chain	p.6-7
	SBM-2	Interests and views of stakeholders	Disclose how stakeholders are engaged	p.20-23
			Disclose the undertaking's key stakeholders	p.20-21
			Disclose whether engagement with them occurs and for which categories of stakeholders	p.20-21
			Disclose how it is organised	p.20-21
			Disclose its purpose	p.20
			Disclose how its outcome is taken into account by the undertaking	p.20
			Disclose the undertaking's understanding of the interests and views of its key stakeholders as they relate to the undertaking's strategy and business model,	p.20-21
			Disclose how the undertaking has amended or expects to amend its strategy and/or business model to address the interests and views of its stakeholders	-
			Disclose any further steps that are being planned and in what timeline	-
			Disclose whether these steps are likely to modify the relationship with and views of stakeholders	-
			Disclose whether and how the administrative, management and supervisory bodies are informed about the views and interests of affected stakeholders with regard to the undertaking's sustainability related impacts	p.16
	SBM-3	Material impacts, risks and opportunities and their interaction with strategy and business model	Disclose a brief description of its material impacts, risks and opportunities resulting from its materiality assessment	p.25
			Disclose the current and anticipated effects of its material impacts, risks and opportunities on its business model, value chain, strategy and decision-making, and how it has responded or plans to respond to these effects, including any changes it has made or plans to make to its strategy or business model as part of its actions to address particular material impacts or risks, or to pursue particular material opportunities; (c) with reference to the undertaking's material impacts	p.25
			Disclose how the undertaking's material negative and positive impacts affect (or, in the case of potential impacts, are likely to affect) people or the environment	p.25
			Disclose whether and how the impacts originate from or are connected to the undertaking's strategy and business model	p.25
			Disclose the reasonably expected time horizons of the impacts	p.29
			Disclose whether the undertaking is involved with the material impacts through its activities or because of its business relationships, describing the nature of the activities or business relationships concerned	p.25
			Disclose the current financial effects of the undertaking's material risks and opportunities on its financial position, financial performance and cash flows and the material risks and opportunities for which there is a significant risk of a material adjustment within the next annual reporting period to the carrying amounts of assets and liabilities reported in the related financial statements	p.24-25, 29
Disclose the anticipated financial effects of the undertaking's material risks and opportunities on its financial position, financial performance and cash flows over the short-, medium- and long-term, including the reasonably expected time horizons for those effects. This shall include how the undertaking expects its financial position, financial performance and cash flows to change over the short, medium- and long-term, given its strategy to manage risks and opportunities			p.29	
Disclose information about the resilience of the undertaking's strategy and business model regarding its capacity to address its material impacts and risks and to take advantage of its material opportunities			p.25	
Disclose changes to the material impacts, risks and opportunities compared to the previous reporting period			p.25	

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Category	Index	Disclosure Requirements	Page	
Impact, risk and opportunity management	IRO-1	Description of the process to identify and assess material impacts, risks and opportunities	Disclose its process to identify its impacts, risks and opportunities and to assess which ones are material	p.24
			Disclose a description of the methodologies and assumptions applied in the described process	p.24
			Disclose an overview of the process to identify, assess, prioritise and monitor the undertaking's potential and actual impacts on people and the environment, informed by the undertaking's due diligence process	p.16
			Disclose how the process focusses on specific activities, business relationships, geographies or other factors that give rise to heightened risk of adverse impacts	p.24
			Disclose how the process considers the impacts with which the undertaking is involved through its own operations or as a result of its business relationships;	p.24
			Disclose how the process includes consultation with affected stakeholders to understand how they may be impacted and with external experts	p.24
			Disclose how the process prioritises negative impacts based on their relative severity and likelihood, (see ESRS 1 section 3.4 Impact materiality) and, if applicable, positive impacts on their relative scale, scope and likelihood, and determines which sustainability matters are material for reporting purposes	p.24
			Disclose an overview of the process used to identify, assess, prioritise and monitor risks and opportunities that have or may have financial effects	p.34
			Disclose how the undertaking has considered the connections of its impacts and dependencies with the risks and opportunities that may arise from those impacts and dependencies	-
			Disclose how the undertaking assesses the likelihood, magnitude, and nature of effects of the identified risk and opportunities (such as the qualitative or quantitative thresholds and other criteria)	-
			Disclose how the undertaking prioritises sustainability-related risks relative to other types of risks, including its use of risk-assessment tools	-
			Disclose a description of the decision-making process and the related internal control procedures	p.16, 113-114
			Disclose the extent to which and how the process to identify, assess and manage impacts and risks is integrated into the undertaking's overall risk management process and used to evaluate the undertaking's overall risk profile and risk management processes	p.34
			Disclose the extent to which and how the process to identify, assess and manage opportunities is integrated into the undertaking's overall management process where applicable	p.16
			Disclose the input parameters it uses (for example, data sources, the scope of operations covered and the detail used in assumptions)	p.24
Disclose whether and how the process has changed compared to the prior reporting period, when the process was modified for the last time and future revision dates of the materiality assessment	p.24			

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Category	Index	Disclosure Requirements	Page	
Impact, risk and opportunity management	IRO-2	Disclosure Requirements in ESRS covered by the undertaking's sustainability statement	Disclose a list of the Disclosure Requirements complied with in preparing the sustainability statement, following the outcome of the materiality assessment	p.182-190
			If the undertaking concludes that climate change is not material and therefore omits all disclosure requirements in ESRS E1 Climate change, it shall disclose a detailed explanation of the conclusions of its materiality assessment with regard to climate change	n/a
			If the undertaking concludes that a topic other than climate change (Pollution) is not material and therefore omits all the Disclosure Requirements in the corresponding topical ESRS (ESRS E2), it may provide a brief explanation of the conclusions of its materiality assessment for that topic	n/a
			If the undertaking concludes that a topic other than climate change (Water and marine resources) is not material and therefore omits all the Disclosure Requirements in the corresponding topical ESRS (ESRS E3), it may provide a brief explanation of the conclusions of its materiality assessment for that topic	n/a
			If the undertaking concludes that a topic other than climate change (Biodiversity and ecosystems) is not material and therefore omits all the Disclosure Requirements in the corresponding topical ESRS (ESRS E4), it may provide a brief explanation of the conclusions of its materiality assessment for that topic	n/a
			If the undertaking concludes that a topic other than climate change (Resource use and circular economy) is not material and therefore omits all the Disclosure Requirements in the corresponding topical ESRS (ESRS E5), it may provide a brief explanation of the conclusions of its materiality assessment for that topic	n/a
			If the undertaking concludes that a topic other than climate change (Own workforce) is not material and therefore omits all the Disclosure Requirements in the corresponding topical ESRS (ESRS S1), it may provide a brief explanation of the conclusions of its materiality assessment for that topic	n/a
			If the undertaking concludes that a topic other than climate change (Workers in the value chain) is not material and therefore omits all the Disclosure Requirements in the corresponding topical ESRS (ESRS S2), it may provide a brief explanation of the conclusions of its materiality assessment for that topic	n/a
			If the undertaking concludes that a topic other than climate change (Affected communities) is not material and therefore omits all the Disclosure Requirements in the corresponding topical ESRS (ESRS S3), it may provide a brief explanation of the conclusions of its materiality assessment for that topic	n/a
			If the undertaking concludes that a topic other than climate change (Consumers and end-users) is not material and therefore omits all the Disclosure Requirements in the corresponding topical ESRS (ESRS S4), it may provide a brief explanation of the conclusions of its materiality assessment for that topic	n/a
If the undertaking concludes that a topic other than climate change (Business conduct) is not material and therefore omits all the Disclosure Requirements in the corresponding topical ESRS (ESRS G1), it may provide a brief explanation of the conclusions of its materiality assessment for that topic	n/a			
		Disclose how it has determined the material information to be disclosed in relation to the impacts, risks and opportunities that it has assessed to be material, including the use of thresholds	p.24	

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Category	Index	Disclosure Requirements	Page		
Impact, risk and opportunity management	MDR-P	Disclose if the undertaking has not adopted policies and/or actions required under relevant ESRS	Provide reasons for not having adopted policies and/or actions	n/a	
			Disclose a timeframe in which it aims to adopt policies and/or actions	n/a	
		Policies adopted to manage material sustainability matters	Disclose a description of the key contents of the policy, including its general objectives and which material impacts, risks or opportunities the policy relates to and the process for monitoring	p.15, 54, 64, 72, 97, 105	
			Disclose a description of the scope of the policy, or of its exclusions, in terms of activities, upstream and/or downstream value chain, geographies and if relevant, affected stakeholder groups	p.54, 64, 72, 97, 105	
			Disclose the most senior level in the undertaking's organisation that is accountable for the implementation of the policy	p.28, 54, 64, 72, 97, 104	
			Disclose a reference, if relevant, to the third-party standards or initiatives the undertaking commits to respect through the implementation of the policy	p.2, 28, 34, 39, 54, 72, 97	
			If relevant, a description of the consideration given to the interests of key stakeholders in setting the policy	p.54, 64, 72, 97, 105	
			Disclose whether and how the undertaking makes the policy available to potentially affected stakeholders, and stakeholders who need to help implement it	p.54, 64, 97, 105, 107-108	
		MDR-A	Disclosure if the undertaking has not adopted policies and/or actions required under relevant ESRS	Provide reasons for not having adopted policies and/or actions	n/a
				Disclose a timeframe in which it aims to adopt policies and/or actions	n/a
	Actions and resources in relation to material sustainability matters		Disclose the list of key actions taken in the reporting year and planned for the future, their expected outcomes and, where relevant, how their implementation contributes to the achievement of policy objectives and targets	p.30-33, 37-39, 55-59, 65-69, 73-75, 98-102, 106-109	
			Disclose the scope of the key actions (i.e., coverage in terms of activities, upstream and/or downstream value chain, geographies and, where applicable, affected stakeholder groups)	p.2	
			Disclose the time horizons under which the undertaking intends to complete each key action	p.29	
			Disclose key actions taken (along with results) to provide for and cooperate in or support the provision of remedy for those harmed by actual material impacts	p.30, 33, 68, 72, 74, 106, 108	
			If applicable, quantitative and qualitative information regarding the progress of actions or action plans disclosed in prior periods	p.30-33, 37-38, 66, 100-102, 124-127, 132-135, 138	
			Describe the type of current and future financial and other resources allocated to the action plan, including if applicable, the relevant terms of sustainable finance instruments, such as green bonds, social bonds and green loans	-	
			Disclose the amount of current financial resources allocated to the implementation of an action plan requires capital expenditures (Capex)	-	
			Disclose the amount of current financial resources allocated to the implementation of an action plan requires significant operational expenditures (Opex)	p.35	
	Disclose the amount of future financial resources allocated to the implementation of an action plan requires capital expenditures (Capex)	-			
	Disclose the amount of future financial resources allocated to the implementation of an action plan requires significant operational expenditures (Opex)	-			

ESRS Index

Category	Index	Disclosure Requirements	Page	
Metrics and targets	MDR-M	Disclose any metrics that it uses to evaluate performance and effectiveness, in relation to a material impact, risk or opportunity	p.17, 35, 40, 63, 71, 76, 103, 111, 125-131, 133-135, 138, 141	
		Disclose the methodologies and significant assumptions behind the metric, including the limitations of the methodologies used	p.17, 35	
		Disclose whether the measurement of the metric is validated by an external body other than the assurance provider and, if so, which body	p.67, 74, 143-144	
		Disclose the metric using meaningful, clear and precise names and descriptions	p.35, 40, 63, 71, 76, 103, 111, 124-135, 138, 140	
		When currency is specified as the unit of measure, disclose the presentation currency of its financial statements	p.35, 40, 63, 71, 76, 103, 111, 124-135, 138, 140	
	MDR-T	Tracking effectiveness of policies and actions through targets	Disclose a description of the relationship of the target to the policy objectives	p.30, 36, 54, 64, 72, 97, 105
			Disclose the defined target level to be achieved	p.30, 36, 63, 71, 76, 103, 111
			Disclose whether the target is absolute or relative and in which unit it is measured	p.30, 36, 63, 71, 76, 103, 111, 134
			Disclose the scope of the target, including the undertaking's activities and/or its upstream and/or downstream value chain	p.30, 36, 63, 71, 76, 103, 111
			Disclose the baseline value from which progress is measured	p.134
			Disclose the base year from which progress is measured	p.134
			Disclose the period to which the target applies	p.30, 36, 63, 71, 76, 103, 111, 134
			Disclose any milestones or interim targets	-
			Disclose the methodologies and significant assumptions used to define targets, including where applicable, the selected scenario, data sources, alignment with international policy goals	p.30, 35
			Disclose whether the undertaking's targets related to environmental matters are based on conclusive scientific evidence	-
		Disclose whether and how stakeholders have been involved in target setting for each material sustainability matter	-	
		Disclosure if the undertaking has not set any measurable outcome-oriented targets	Disclose any changes in targets and corresponding metrics or underlying measurement methodologies, significant assumptions, limitations, sources and processes to collect data adopted within the defined time horizon	In case the calculation criteria for some quantitative data have changed, the details are described in the footnote.
			Disclose the performance against its disclosed targets, including information on how the target is monitored and reviewed and the metrics used, whether the progress is in line with what had been initially planned, and an analysis of trends or significant changes in the performance of the undertaking towards achieving the target	-
			Set and disclose the timeframe for setting any measurable outcome-oriented targets	n/a
			Disclose the reasons why the undertaking does not plan to set such targets if the undertaking has not set any plan	n/a
			Disclose whether it nevertheless tracks the effectiveness of its policies and actions in relation to the material sustainability-related impact, risk and opportunity	n/a
			Disclose any processes through which it does track the effectiveness of its policies and actions in relation to the material sustainability-related impact, risk and opportunity	n/a
			Disclose any qualitative or quantitative indicators it uses to evaluate progress	n/a
Disclose the base period from which progress is measured to evaluate progress	n/a			

IFRS S1 General Requirements for Disclosure of Sustainability-related Financial Information

Category	Metrics	Page	
Governance	A description of the governance body(s) (which can include a board, committee or equivalent body charged with governance) or individual(s) responsible for oversight of sustainability-related risks and opportunities.		
	how responsibilities for sustainability-related risks and opportunities are reflected in the terms of reference, mandates, role descriptions and other related policies applicable to that body(s) or individual(s)	P. 16, 28, 36, 46, 54, 64, 72, 97, 104	
	how the body(s) or individual(s) determines whether appropriate skills and competencies are available or will be developed to oversee strategies designed to respond to sustainability-related risks and opportunities	P. 57–59, 66, 99–100, 113	
	how the body(s) or individual(s) is informed about sustainability-related risks and opportunities	P. 16, 28, 36, 46, 54, 64, 72, 97, 104	
	how often the body(s) or individual(s) is informed about sustainability-related risks and opportunities	P. 28, 36, 46, 54, 72, 97, 104	
	how the body(s) or individual(s) takes into account sustainability-related risks and opportunities when overseeing the entity's strategy, its decisions on major transactions and its risk management processes and related policies	P. 16, 28, 36, 46, 54, 64, 72, 97, 104	
	how the body(s) or individual(s) oversees the setting of targets related to sustainability-related risks and opportunities, and monitors progress towards those targets	P. 16, 28	
	management's role in the governance processes, controls and procedures used to monitor, manage and oversee sustainability-related risks and opportunities		
	whether the role is delegated to a specific management-level position or management-level committee	P. 16, 28, 54, 64, 72, 97, 104	
	how oversight is exercised over that position or committee		
	whether management uses controls and procedures to support the oversight of sustainability-related risks and opportunities	P. 16, 34, 114	
	and, if so, how these controls and procedures are integrated with other internal functions		
Strategy	Sustainability-related risks and opportunities	describe sustainability-related risks and opportunities that could reasonably be expected to affect the entity's prospects	P. 29, 48
		specify the time horizons—short, medium or long term—over which the effects of each of those sustainability-related risks and opportunities could reasonably be expected to occur;	P. 29
		explain how the entity defines 'short term,' 'medium term' and 'long term'	P. 29
		how these definitions are linked to the planning horizons used by the entity for strategic decision-making	P. 29
	Business model and value chain	a description of the current effects of sustainability-related risks and opportunities on the entity's business model and value chain	P. 30–33, 36–39, 41–45, 47–52, 55–62, 65–70, 73–75, 85–90, 98–102, 106–110
		a description of the anticipated effects of sustainability-related risks and opportunities on the entity's business model and value chain	p. 25, 29, 48
		a description of where in the entity's business model and value chain sustainability-related risks and opportunities are concentrated	p. 25, 29, 48

IFRS S1 General Requirements for Disclosure of Sustainability-related Financial Information

Category	Metrics	Page
Strategy and decision-making	how the entity has responded to, and plans to respond to, sustainability-related risks and opportunities in its strategy and decision-making	p. 25, 29, 48
	the progress against plans the entity has disclosed in previous reporting periods, including quantitative information	P. 33, 63, 71, 76, 103, 111, 132-135
	the progress against plans the entity has disclosed in previous reporting periods, including qualitative information	P. 28, 33, 40, 56, 63, 71, 76, 103, 111
	trade-offs between sustainability-related risks and opportunities that the entity considered	-
Strategy	the effects of sustainability-related risks and opportunities on the entity's financial position, financial performance and cash flows for the reporting period (current financial effects)	p.35
	the anticipated effects of sustainability-related risks and opportunities on the entity's financial position, financial performance and cash flows over the short, medium and long term (anticipated financial effects)	P. 25, 29
	Entity shall disclose quantitative information about how sustainability-related risks and opportunities have affected its financial position, financial performance and cash flows for the reporting period	-
	the sustainability-related risks and for which there is a significant risk of a material adjustment within the next annual reporting period to the carrying amounts of assets and liabilities reported in the related financial statements	P. 25, 29
	how the entity expects its financial position to change over the short, medium and long term, given its strategy to manage sustainability related risks and opportunities	P. 25, 29, 35, 47-48, 58
	its investment and disposal plans the entity is not contractually committed to	P. 35
	its planned sources of funding to implement its strategy	P. 25, 29
	Resilience	a qualitative assessment of the resilience of its strategy and business model in relation to its sustainability-related risks
	(if applicable), a quantitative assessment of the resilience of its strategy and business model in relation to its sustainability-related risks	-

IFRS S1 General Requirements for Disclosure of Sustainability-related Financial Information

Category	Metrics	Page
Risk management	the processes and related policies the entity uses to identify, assess, prioritise and monitor sustainability-related risks, including information	
	the inputs and parameters the entity uses	P. 24~25, 29, 34, 40, 48, 75, 114
	whether and how the entity uses scenario analysis to inform its identification of sustainability-related risks	P. 29, 34, 48
	how the entity assesses the nature, likelihood and magnitude of the effects of those risks	-
	whether and how the entity prioritises sustainability-related risks relative to other types of risk	-
	how the entity monitors sustainability-related risks	P. 16, 28, 36, 46, 54, 64, 72, 97, 104
	whether and how the entity has changed the processes it uses compared with the previous reporting period	In case the calculation criteria for some quantitative data have changed, the details are described in the footnote.
	the processes the entity uses to identify, assess, prioritise and monitor sustainability-related opportunities	p. 16, 28~29, 36, 46, 54, 64, 72, 97, 104
	the extent to which, and how, the processes for identifying, assessing, prioritising and monitoring sustainability-related risks and opportunities are integrated into and inform the entity's overall risk management process	p.34, 114

IFRS S1 General Requirements for Disclosure of Sustainability-related Financial Information

Category	Metrics	Page
Metrics and targets	metrics required by an applicable IFRS Sustainability Disclosure Standard (S2, S3, etc.)	-
	metrics the entity uses to measure and monitor	
	that sustainability-related risk or opportunity	P. 35, 40, 63, 71, 76, 103, 111, 132-135
	its performance in relation to that sustainability-related risk or opportunity	
	information about the targets it has set to monitor progress towards achieving its strategic goals, and any targets it is required to meet by law or regulation	P. 30-33, 40, 63, 71, 76, 103
	the metric used to set the target	P. 35, 40, 63, 71, 76, 103, 132-135
	the metric used to monitor progress towards reaching the target	P. 35, 40, 63, 71, 76, 103, 132-135
	the specific quantitative target the entity has set or is required to meet	P. 30-33, 40, 63, 71, 76, 103
	the specific qualitative target the entity has set or is required to meet	P. 40, 63, 71, 76, 103
	the period over which the target applies	P. 30, 36, 63, 71, 76, 103, 111, 134
	the base period from which progress is measured	P. 35, 40, 63, 71, 76, 103, 134
	any milestones and interim targets	-
	performance against each target	P. 19, 35, 40, 63, 71, 76, 103, 111, 132-135
	an analysis of trends or changes in the entity's performance	P. 35, 40, 63, 71, 76, 103, 111, 132-135
	any revisions to the target and an explanation for those revisions	-

IFRS S2 Climate-related Disclosures

Category	Metrics	Page	
Governance	A description of the governance body (which can include a board, committee or equivalent body charged with governance) or individual(s) responsible for oversight of climate-related risks and opportunities	p.16, 28-29	
	how responsibilities for climate-related risks and opportunities are reflected in the terms of reference, mandates, role descriptions and other related policies applicable to that body or individual(s)		
	how the body or individual determines whether appropriate skills and competencies are available or will be developed to oversee strategies designed to respond to climate-related risks and opportunities		
	how the body or individual(s) is informed about climate-related risks and opportunities		
	how often the body or individual(s) is informed about climate-related risks and opportunities		
	how the body or individual(s) takes into account climate-related risks and opportunities when overseeing the entity's strategy, its decisions on major transactions and its risk management processes and related policies		
	whether the body or individual(s) has considered trade-offs associated with climate-related risks and opportunities, when overseeing the entity's strategy, its decisions on major transactions and its risk management processes and related policies		
	how the body or individual(s) oversee the setting of targets related to significant climate-related risks and opportunities		
	how the body or individual(s) monitor progress towards targets related to significant climate-related risks and opportunities		
	whether related performance metrics are included in remuneration policies		
	management's role in the governance processes, controls and procedures used to monitor, manage and oversee climate-related risks and opportunities		p.16, 34
	whether the management's role to monitor, manage and oversee climate-related risks and opportunities is delegated to a specific management-level position or management-level committee		
	how oversight is exercised over that position or committee who delegated management's role to monitor, manage and oversee climate-related risks and opportunities		
	whether management uses controls and procedures to support the oversight of climate-related risks and opportunities		
Strategy	how management's controls and procedures, which aims to support the oversight of climate-related risks and opportunities, are integrated with other internal functions	p.29	
	A description of the climate-related risks and opportunities that could reasonably be expected to affect the entity's prospects		
	A description of whether the entity considers each climate-related risk to be a climate-related physical risk or climate-related transition risk		
	the time horizon (short, medium or long term) over which the effects of each climate-related risk and opportunity could reasonably be expected to occur		
	A definition of the time horizon (short, medium or long term) over which the effects of each climate-related risk and opportunity could reasonably be expected to occur		
	how definitions of time horizon (the short, medium or long term) are linked to the planning horizons used by the entity for strategic decision-making		
	current effects of significant climate-related risks and opportunities on the entity's business model and value chain		p.30-33
Business model and value chain	anticipated effects of significant climate-related risks and opportunities on the entity's business model and value chain	p.29	
	a description of the part where climate-related risks and opportunities are focused in the entity's business model and value chain	p.29, 48	

IFRS S2 Climate-related Disclosures

Category	Metrics	Page
Strategy	how the entity has responded to climate-related risks and opportunities in its strategy and decision-making	p.30-33
	current efforts for direct mitigation and adaptation	
	current efforts for indirect mitigation and adaptation	
	any climate-related transition plan	
	how the entity plans to achieve any climate-related targets (including any greenhouse gas emissions targets)	
	how the entity plans to respond to climate-related risks and opportunities in its strategy and decision-making	p.29
	anticipated changes to the entity's business model	
	anticipated efforts for direct mitigation and adaptation	
	anticipated efforts for indirect mitigation and adaptation	
	Financial position, financial performance and cash flows	quantitative information about the progress of plans to respond to climate-related risks and opportunities after disclosed in previous reporting periods
qualitative information about the progress of plans to respond to climate-related risks and opportunities after disclosed in previous reporting periods		p.28, 33
the climate-related risks and opportunities where there is a significant risk of a material adjustment within the next annual reporting period to the carrying amounts of assets and liabilities reported in the related financial statement		p.29
the anticipated effects of climate-related risks and opportunities on the entity's financial position, financial performance and cash flows over the short, medium and long term		p.29
the change of its financial position over the short, medium and long term, given its strategy to manage climate-related risks and opportunities		
the change of its financial performance and cash flows over the short, medium and long term, given its strategy to manage climate-related risks and opportunities		
whether the entity identified the change of its financial position over the short, medium and long term qualitatively, when the entity didn't identify it quantitatively, given its strategy to manage climate-related risks and opportunities		p.29
whether the entity has a procedure for determining the disclosure of the anticipated impact of climate-related risks and opportunities on financial position		p.29
whether the entity identified the change of its financial performance and cash flows over the short, medium and long term qualitatively, when the entity didn't identify it quantitatively, given its strategy to manage climate-related risks and opportunities		
Climate resilience		the entity's capacity to adjust or adapt its strategy and business model to climate change over the short, medium and long term
	how and when the climate-related scenario analysis was carried out	p.29
	whether the entity updated its climate-related scenario analysis in line with its strategic planning cycle	

IFRS S2 Climate-related Disclosures

Category	Metrics	Page
Risk management	the processes and related policies the entity uses to identify, assess, prioritise and monitor climate-related risks	p.29, 34
	the inputs and parameters the entity uses to identify, assess, prioritise and monitor climate-related risks	
	whether and how the entity uses climate-related scenario analysis to inform its identification of climate-related risks	
	how the entity assesses the nature, likelihood and magnitude of the effects of identified climate-related risks	
	how the entity prioritises climate-related risks relative to other types of risk	
	how the entity monitors climate-related risks	
	whether and how the entity has changed the processes it uses compared with the previous reporting period	
Risk management	the processes and related policies the entity uses to identify, assess, prioritise and monitor climate-related opportunities	p.29, 34
	whether and how the entity uses climate-related scenario analysis to inform its identification of climate-related opportunities	
Risk management	a description of the extent to which, and how, the processes for identifying, assessing, prioritising and monitoring climate-related risks and opportunities are integrated into the entity's overall risk management process	p.34

IFRS S2 Climate-related Disclosures

Category	Metrics	Page	
Metrics and targets	Climate-related metrics	greenhouse gas emissions	p.132-134
		gross Scope 1 greenhouse gas emissions generated during the reporting period	
		gross Scope 2 greenhouse gas emissions generated during the reporting period	
		whether the entity measured location-based Scope2 greenhouse gas emissions	
		whether the entity measured market-based Scope2 greenhouse gas emissions	
		gross Scope 3 greenhouse gas emissions generated during the reporting period	
		Categories included in gross Scope 3 greenhouse gas emissions	
		whether consolidated entity (the parent and its consolidated subsidiaries) has disclosed its Scope 1 and Scope 2 emissions additionally	p.162
		whether associates and joint ventures have disclosed its Scope 1 and Scope 2 emissions additionally	p.144, 150, 156
		whether the entity measure its greenhouse gas emissions in accordance with the 'Greenhouse Gas Protocol: A Corporate Accounting and Reporting Standard (2004)'	p.35, 132-134
		whether the entity is required by an exchange on which it is listed to use a different method for measuring its greenhouse gas emissions	
		the inputs and assumptions the entity uses to measure its greenhouse gas emissions	
		whether the entity measure its Scope 3 greenhouse gas emissions in accordance with the 'Greenhouse Gas Protocol: A Corporate Accounting and Reporting Standard (2004)'	p.33, 35
		whether the entity is required by an exchange on which it is listed to use a different method for measuring its Scope 3 greenhouse gas emissions	
		the inputs and assumptions the entity uses to measure its Scope 3 greenhouse gas emissions	
		prioritise inputs to measure its Scope 3 greenhouse gas emissions	
		the extent to which the entity's Scope 3 greenhouse gas emissions are measured using inputs and assumptions	
		how to manage Scope 3 greenhouse gas emissions if it is impracticable to estimate	p.33
		the amount and percentage of assets or business activities aligned with climate-related opportunities	p.35
		the amount of capital expenditure, financing or investment deployed towards climate-related risks and opportunities	p.35, 140
remuneration	p.16, 28		
a description of whether and how climate-related considerations are factored into executive remuneration			








IFRS S2 Climate-related Disclosures

Category	Metrics	Page
Metrics and targets Climate-related targets	whether the entity set climate-related target	p.134
	the metrics used to set the climate-related target	
	the objective of the climate-related target	
	the part of the entity to which the target applies	
	the period over which the target applies	
	the base period from which progress is measured	
	A description of whether it is an absolute target or an intensity target, given the target is quantitative	
	a description of how the latest international agreement on climate change and jurisdictional commitments that arise from that agreement have impacted the climate-related target	p.30
	the entity's processes for reviewing the climate-related target	p.28, 35, 133-135
	the metrics used to monitor progress towards reaching the climate-related target	
	whether the entity revised the climate-related target and an explanation for those revisions	p.30
	the entity's performance against each climate-related target	p.33, 132-135
	information on an analysis of trends or changes in the entity's climate-related performance	
	a description of greenhouse gas emissions target	p.134
	whether the Scope 1, Scope 2 or Scope 3 greenhouse gas emissions target is a gross greenhouse gas emissions target or net greenhouse gas emissions target	









Alignment with UN SDGs

UN Sustainable Development Goals (UN SDGs) Commitment

Samsung Display pushes forward activities that aligns with the direction of sustainable management with the detailed goals of the UN SDGs, joining the concerted efforts to achieve the UN Sustainable Development Goals, a common goal for humanity.

UN Sustainable Development Goals (UN SDGs)	Our Major Activities	Page
 <p>End poverty in all its forms everywhere</p>	<ul style="list-style-type: none"> · Operating On-tact Markets · Sharing Hope Boxes volunteering activities · Operating the Flower Garden Project Team · Operating the Samsung Stepping Stone of Hope · Operating the Samsung Nanum Kiosk 	p.87-89, 131
 <p>End hunger, achieve food security and improved nutrition and promote sustainable agriculture</p>	<ul style="list-style-type: none"> · Mujigae Project Bus volunteering (Orange Bus) · Free meals outreach in Tangjeong-myeon · Free meals outreach in communities 	p.89-90
 <p>Ensure healthy lives and promote well-being for all at all ages</p>	<ul style="list-style-type: none"> · Providing with the free eyesight recovery support · Mujigae Project Bus volunteering (Red Bus & Green Bus) · Volunteering programs, such as braille hands-on programs and e-book input activities for the visually impaired · Implementing a maternity protection system · Health checkup and follow-up support for employees · Operating fitness centers for SDR employees · Promoting Love Life Campaign · Operating the aroma emotion therapy program · Operating the couple counseling program 	p.83-84, 88, 90
 <p>Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all</p>	<ul style="list-style-type: none"> · Providing a diagnosis of job skills and operating a system for employee competency enhancement (in-house training, etc.) · Supporting capacity building for silver engineers · Establishing Samsung Display talent cultivation system · Operating programs for polishing expertise on SW & AI · Operating the Samsung Software Academy For Youth (SSAFY) · Operating the Samsung Dream Class 	p.77-78, 86
 <p>Achieve gender equality and empower all women and girls</p>	<ul style="list-style-type: none"> · Network among female employees at overseas subsidiaries (SMW, SSW) · Providing unified compensation ratio for men and women by career level · Establishing the Samsung Display human rights policy · Providing a longer period of a maternity leave (2 years) than the legal requirement (1 year) 	p.72, 74, 83
 <p>Ensure availability and sustainable management of water and sanitation for all</p>	<ul style="list-style-type: none"> · Establishing the 3R (Reduce, Recycle, Reuse) policy · Utilizing industrial water sourced from Daechong raw water, recycled water from wastewater, and water recycled from sewage processed at the Asan Water Environment Center · Developing eco-friendly deodorization technologies to address odors from wastewater treatment processes · Establishing a multi-layer barrier system against water pollution · Conducting an event to mark the World Water Day (March 22) to improve water quality and safeguard aquatic ecosystems · Identifying and managing water stress areas through the water risk scenario analysis 	p.46-48
 <p>Ensure access to affordable, reliable, sustainable and modern energy for all</p>	<ul style="list-style-type: none"> · Raising energy efficiency by establishing an energy management system and operating the energy QUAL system · Promoting line utility energy saving activities · Introducing solar power facilities in our new building · Converting energy source of our overseas subsidiaries to renewable energy and purchasing renewable energy certificates (RECs) · Promoting in-house energy saving campaigns 	p.31-32

Alignment with UN SDGs

UN Sustainable Development Goals (UN SDGs)	Our Major Activities	Page
 <p>Promote sustained, inclusive and sustainable economic growth, full and productive employment and decent work for all</p>	<ul style="list-style-type: none"> Public disclosure through the innovative development of sustainable technologies and the participation in IT exhibitions Expanding R&D investment to identify innovative technologies and ideas Operating partner collaboration programs Operating the Eco Partner Certification System Conducting third-party verification of suppliers' labor rights and environmental safety based on Responsible Business Alliance (RBA) Operating Operation of Sinmungo and complaint handling box for each department Career consulting support Creating a positive organizational culture by facilitating employee communication Operating support programs for the adaptation of foreign employees 	p.13, 51-52, 67-69, 73-74, 80-82
 <p>Build resilient infrastructure, promote inclusive and sustainable industrialization and foster innovation</p>	<ul style="list-style-type: none"> Operating a win-win consultative body with local governments Using sustainable products, such as low power and low carbon ones and developing green technologies and innovation activities Establishing a quality integrated platform to advance development quality and customer response quality (QMS 2.0) 	p.20, 51-52, 91
 <p>Reduce inequality within and among countries</p>	<ul style="list-style-type: none"> Making efforts to disseminate an organizational culture that considers diversity and inclusion Granting paid leave for acquiring disability aids or medical appointments related to disability-related health checkups. Operating Global Help Desk tailored for our foreign employees 	p.74
 <p>Make cities and human settlements inclusive, safe, resilient and sustainable</p>	<ul style="list-style-type: none"> Preparing the evacuation plans for residents and notification activities Establishing and implementing local resident compensation systems Participating in the Community Security Council 	p.20, 44
 <p>Take urgent action to combat climate change and its impacts</p>	<ul style="list-style-type: none"> Maintaining the Platinum level of the Zero Waste to Landfill certification at all our domestic campuses Monitoring PFAS regulatory trends and responding to use restrictions Operating a 'Safety Manager Certification System' regarding hazardous chemicals Providing the Chemical Practitioner Training 	p.36, 42, 44
 <p>Take urgent action to combat climate change and its impacts</p>	<ul style="list-style-type: none"> Raising the efficiency of N₂O treatment Discussing measures to reduce GHG emissions with World Display Device Industry Cooperation Committee (WDICC) Participating as a company in demand for national projects to research and develop an LCA-based data platform tailored for SMEs to support and manage Net Zero activities within the supply chain Establishing and implementing energy saving tasks engaged with employees Converting business vehicles to zero-emission vehicles and building EV charging facilities 	p.30-33
 <p>Protect, restore and promote sustainable use of terrestrial ecosystems, sustainably manage forests, combat desertification, and halt and reverse land degradation and halt biodiversity loss</p>	<ul style="list-style-type: none"> Preserving reservoirs through 'Ecological Plant Islands' Making efforts to safeguard the ecosystem in Karakpawi-soryuji Maintaining the ecosystem environment through the EM Earth Ball Throwing Event Managing species nearby campuses Conducting environmental impact assessment follow-up near Asan Campus 	p.49-50
 <p>Promote peaceful and inclusive societies for sustainable development, provide access to justice for all and build effective, accountable and inclusive institutions at all levels</p>	<ul style="list-style-type: none"> Operating a Compliance Team directly under the CEO Operating an in-house Compliance Program Management System (CPMS) and compliance/ethics reporting channels Providing regular online/offline compliance training and conducting participatory campaigns targeting employees Supporting the dissemination of ethical management to our suppliers 	p.104, 106-109

Awards and Membership Associations

Awards

2019

	Content	Organizer
May	Awarded Minister's commendation for the 2019 Korea Electrical Safety Award	Korea Electrical Safety Corporation / Ministry of Trade, Industry and Energy
June	Named the Most Excellent in the Win-Win Index in 2018 for 2 consecutive years	Korea Commission for Corporate Partnership
October	Awarded the Silver Tower Industrial Metal at the 10 th Display Day	Korea Display Industry Association / Ministry of Trade, Industry and Energy
November	Received Minister's award at the CSR Film Festival	Ministry of Health and Welfare
December	Awarded Prime Minister's commendation at the 56 th Trade Day	Korea International Trade Association / Ministry of Trade, Industry and Energy
	Selected as the best company in the 2018 Fair Trade Agreement Compliance Evaluation	Federal Trade Commission

2020

	Content	Organizer
January	Received Supplier's Quality Excellence Award	vivo (Client)
May	Samsung Display's foldable display won 'Display of the Year' award at SID 2020	SID (Society for Information Display)
August	VOLED choir won the grand prize at Chungnam Disabled Choir Competition	Chungcheongnam-do
September	Rated most excellent in the Win-Win Index in 2019 for 3 consecutive years	Korea Commission for Corporate Partnership
October	Awarded Prime Minister's commendation at the 11 th Display Day	Korea Display Industry Association / Ministry of Trade, Industry and Energy
	Awarded the Chairman's Prize and Association Chairman's Prize at the 11 th Display Day	
December	Awarded Governor's commendation in 2020 for Water management contributor	Chungcheongnam-do
	VOLED choir won Presidential Prize at National Disabled Choir Competition	The International Association of Culture Exchange for Disabled

2021

	Content	Organizer
January	Received Supplier's Quality Excellence & Development Awards	vivo (Client)
April	Received Karl Ferdinand Braun Prize for contributing to mass production of high-resolution OLEDs based on LTPS	SID (Society for Information Display)
July	Received Supplier's Quality Excellence Award	oppo (Client)
September	Rated most excellent in the Win-Win Index in 2020 for 4 consecutive years	Korea Commission for Corporate Partnership
October	Received Prime Minister's commendation at the 12 th Display Day	Korea Display Industry Association / Ministry of Trade, Industry and Energy
	Awarded the Chairman's Prize and Special Merit Prize at the 12 th Display Day	
December	Awarded Commendation from the President of Korea Gas Safety Corporation in 2020 for Gas safety contributor	Korea Gas Safety Corporation
	Selected as the best company in the 2020 Fair Trade Agreement Compliance Evaluation	Federal Trade Commission
	Received Supplier's Quality Excellence Award	vivo (Client)

2022

	Content	Organizer
January	Top Tech of CES 2022 – Best of show	CES2022
	Best of CES 2022 – TV Tech	CES2022
	Best of CES 2022	CES2022
February	CDP Korea Award Special Prize (Water section)	CDP Korea
	Received Supplier's Quality Excellence Award	Xiaomi (Client)
May	Received Supplier's Quality Excellence Award	oppo (Client)
	'Display of the Year' award – 'Eco Square OLED'	SID 2022
September	People's Choice – Best Display Component, Best Large Booth	SID 2022
	Received Commendation from Commissioner of the Korean Intellectual Property Office at the 13 th Display Day	Korea Display Industry Association / Ministry of Trade, Industry and Energy
October	Rated most excellent in the Win-Win Index in 2021 for 5 consecutive years	Korea Commission for Corporate Partnership
December	Received Supplier's Quality Excellence Award	vivo (Client)
	Received Minister of Health and Welfare Award at the 2022 CSR Film Festival	Ministry of Health and Welfare

2023

	Content	Organizer
March	Received world-class screen resolution QD-OLED Display Award	KOITA (Korea Industrial Technology Association)
	Received Supplier's Quality Excellence Award	oppo (Client)
May	'Display of the Year' Award - 'QD-OLED' and 'People's Choice Award'	SID 2023
	People's Choice – Best OLED Technology, Best Large Booth	SID 2023
July	Selected as an excellent worksite for performance evaluation at 1 st Voluntary Agreement in Central Region to Reduce Air Pollutants in 2022	Geumgang River Basin Environmental Office
	2023 Risk Assessment Best Practice Presentation Top Prize	Ministry of Employment and Labor / Korea Occupational Safety & Health Agency
October	Received IR52 Jang Young-shil Minister's Prize	KOITA (Korea Industrial Technology Association)
November	Korea Technology Awards – Presidential Prize	KEIT (Korea Planning & Evaluation Institute of Industrial Technology)
December	2023 Carbon Neutrality International Conference Contribution Commendation	Chungcheongnam-do

2024

	Content	Organizer
February	Received IR52 Jang Young-shil Minister's Prize	KOITA (Korea Industrial Technology Association)
	Received Supplier's Quality Excellence Award	oppo (Client)
March	CDP Water Security Excellence Awards	CDP Korea

Awards and Membership Associations

Membership Associations

Korea Display Industry Association	Maeil Business Newspaper SEL CLUB	Korean Association for Intellectual Property Service
Korea International Trade Association	Chungcheong Green Company	Korea Association for Industrial Technology Security
Korea Fair Competition Federation	Daejeon-Chungnam Environmental Preservation Association	Korea Council of CISO
KOITA(Korea Industrial Technology Association)	Chungcheong Regional Chemical Safety Community Council	Seoul Gyeonggi Green Company Association
Chungnam Bukbu Chamber of Commerce & Industry	Korea Enterprises Federation	Fire Safety Association
Business Association of Chungnam Techno Park Display Center	Korea Chemicals Management Association	Korea Industrial Safety Association - Gyeonggi Province
Responsible Business Alliance	Korea Center for Sustainable Development	Process Safety Management Council - Metropolitan Area
CDP Supply Chain	Korean Industrial Safety Association	

SAMSUNG DISPLAY