

BR!GHT



Sustainability Report 2023-2024



www.bright-products.com



Table of Contents

1. About this Report	02
2. Our commitment to Sustainability	03
2.1 Why Sustainability Matters to Us	03
3. Environmental Impact	04
3.1 Greenhouse Gas Emissions	04
3.1.1 Methodology for GHG Measurement	04
3.1.2 Scope of Emissions	05
3.2 Commitment to Environmental Management	08
3.3 Reduction Initiatives	09
4. Social Responsibility	11
4.1 Diversity, Equity & Inclusion	12
4.2 Employee Well-being	13
4.3 Community & Stakeholder Engagement	14
4.3.1 Repair Program	14
4.3.2 Supplier Engagement	15
5. Governance & Ethics	16
5.1 Corporate Governance	16
5.2 Commitment to Quality	17
5.3 Ethical Practices	18
6. Alignment with Global Goals	19
7. Our Commitment	20
Conclusion	21

1. About this Report

Bright Products AS (“BRIGHT”) is a Norwegian company established in 2011. We develop portable solar-powered lights with charging capabilities for those who do not have access to the power grid. BRIGHT collaborates with the humanitarian sector to develop increasingly efficient and longer-lasting products.

As of 2024, we have delivered over 4 million solar lamps, improving energy access for more than 17 million people in 58 countries worldwide. With equal focus on durability, repairability, and recyclability, the goal is ultimately to create solutions that can last a generation or longer.



As BRIGHT Products continues its journey toward a more sustainable future, this report marks an important milestone: our inaugural sustainability report. By documenting our environmental and social impacts, we aim to set a clear baseline and demonstrate our commitment to transparent and measurable progress. This report not only provides insight into our current practices and achievements but also establishes a foundation for continuous improvement.

Our goal is to share our approach to sustainability with our stakeholders, highlight key focus areas—such as greenhouse gas emissions—and outline our aspirations for future improvement. We believe that, by communicating our efforts openly, we can inspire further positive impact in the solar energy sector and beyond.

2. Our Commitment to Sustainability

At BRIGHT Products, sustainability is at the core of everything we do. Our mission is to deliver innovative, solar-powered solutions that empower vulnerable communities with safe, reliable, and sustainable lighting and energy. As a company dedicated to creating positive social and environmental impact, we strive to bridge the gap between energy needs and environmentally conscious solutions. Through our products, we aim to transform lives in off-grid areas and provide people with tools for greater safety, education, and economic opportunities.

Our vision for sustainability is rooted in the belief that clean, renewable energy should be accessible to all. By focusing on responsible product design and lasting durability, we are committed to fostering a more sustainable future while meeting urgent humanitarian needs.

2.1. Why Sustainability Matters to Us

Sustainability is more than a business objective for BRIGHT Products; it is a responsibility. As we design solar-powered lighting solutions, we recognize the critical role renewable energy plays in reducing carbon emissions and offering a cleaner alternative to traditional fuels.

In many regions we serve, conventional lighting sources such as kerosene lamps not only contribute to indoor pollution but also pose health and safety risks to users. By leveraging solar energy, BRIGHT is providing safer and more sustainable lighting options. Every product we deliver embodies our pledge to reduce environmental impact while uplifting communities, creating a direct and measurable positive effect on people's lives and on the planet.



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3. Environmental Impact

At BRIGHT, recognize the importance of understanding and addressing our environmental footprint. This section highlights the results of our recent Greenhouse Gas (GHG) emissions study, providing insights into the key sources of our emissions. Additionally, we outline the reduction measures we have adopted to mitigate our impact. These efforts reflect our ongoing commitment to continuous improvement.

3.1. GHG Emissions

In 2023, we partnered with Greenly to conduct a comprehensive study of our greenhouse gas (GHG) emissions. This assessment aligns with the GHG Protocol, ensuring consistency and transparency across emissions reporting. In this process, BRIGHT obtained the Gold status, which only 5% of companies worldwide receive during a carbon assessment. This score takes BRIGHT's carbon footprint into account, as well as the involvement of our employees and reduction plans.

3.1.1. Methodology

Greenly follows an official and approved GHG Protocol methodology that uses both activity- and expense-based data collection methods (1).

Primary data sources included internal accounting files, activity data from key emission sources (e.g. manufacture of products, raw materials, waste, energy consumption, etc), portfolio data and employee responses.

The methodologies applied are designed to ensure high accuracy while balancing data availability and practicality. Each category of emissions, particularly within Scope 3, was calculated with emissions factors that reflect the environmental impact of various activities, including the carbon intensity of specific materials and transportation modes.

By setting 2023 as the baseline, we aim at establishing a robust foundation for monitoring and reporting our emissions. This baseline assessment will inform future reduction targets, enabling BRIGHT to take informed, measurable steps toward our sustainability goals.



(1) Based on Greenly's GHG Emissions Report 2023. Available after request.

3.1.2. Scope of Emissions

BRIGHT's GHG emissions for 2023 were categorized by scope and by activity (2).

RESULTS BY SCOPE



Scope 1: Direct Emissions

Scope 1 emissions, which include any direct emissions from sources owned or controlled by BRIGHT, were minimal, amounting to less than 0.1 tCO₂e. This reflects the nature of BRIGHT's operations, which lack significant fuel combustion sources or company-owned vehicles.

Scope 2: Indirect Energy Emissions

Scope 2 emissions arise from the electricity purchased and consumed within BRIGHT's operational facilities. In 2023, these emissions also contributed minimally, with less than 0.1 tCO₂e, reflecting efficient energy usage within BRIGHT's operations.

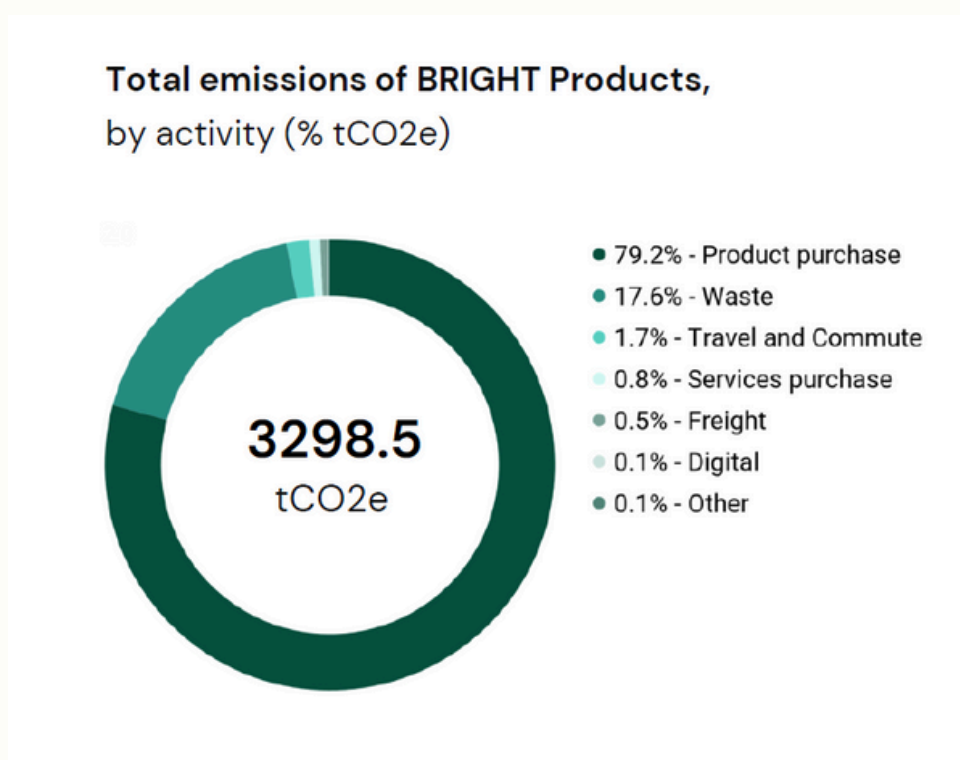
(2) Results and descriptions extracted from Greenly's GHG Emissions Report. Available after request.

Scope 3: Other Indirect Emissions

Scope 3 emissions represent the most substantial portion of BRIGHT's emissions profile, totalling approximately 3,298.5 tCO₂e. These emissions encompass upstream and downstream activities. The main emissions in Scope 3 included:

- **Product Purchases:** Emissions from the extraction and production of materials, totalling 2,600 tCO₂e, or about 79% of Scope 3 emissions.
- **Waste:** Emissions associated with waste generation and disposal, totalling 582 tCO₂e, or approximately 18% of Scope 3.
- **Travel and Commute:** Emissions from employee commuting and business travel, totalling 55 tCO₂e.
- **Service Purchases:** Emissions from purchased services such as cleaning and facility maintenance, totalling 25 tCO₂e.

RESULTS BY ACTIVITY



- **Product Purchases:** CO₂ emissions from product purchases refer to those associated with the extraction of raw materials and manufacturing processes of products bought by the company. Other emissions associated with these products, such as transportation and disposal, can generally be found in 'Freight' and 'Waste' categories, respectively. The emissions associated with product purchases vary depending on the type of product (materials, complexity, etc.), and its production methods (notably, carbon intensity of energy used). Product purchase represent the most substantial for BRIGHT totalling 2.600 tCO₂e.
- **Waste:** CO₂ emissions from waste are those connected to the handling and disposal of solid waste. This category encompasses emissions arising from various activities, including waste collection, transportation, treatment, and disposal in landfills or incinerators. It includes both direct emissions from the decomposition of organic waste and indirect emissions from the energy consumed during waste management processes. The emissions from waste can vary based on factors such as the composition of the waste, disposal methods, and waste management practices. Emissions from waste totalled 582 tCO₂e.
- **Travel and commute:** CO₂ emissions from travel and commuting refer to the emissions generated during transportation activities, including commuting to work and business travel. This category encompasses emissions associated with various modes of transportation, such as cars, buses, trains, airplanes, and ships. It includes both direct emissions from fuel combustion and indirect emissions from fuel production, distribution, and the manufacturing of infrastructure and vehicles. The emissions from travel and commuting can vary based on factors like the distance travelled, the mode of transport employed, and the fuel efficiency of the vehicles used. Travel and commute totalled 55 tCO₂e.
- **Service Purchase:** CO₂ emissions related to service purchases refer to the emissions generated by the consumption of various services by individuals and businesses. The emissions primarily result from upstream energy or material use, such as the manufacturing of computers or equipment, as well as a smaller portion of energy consumed during the actual provision of the paid service, such as fuel for transportation or energy for heating buildings. BRIGHT's emissions under this activity were 25 tCO₂e.

3.2. Commitment to Environmental Management

At BRIGHT Products, environmental stewardship is a fundamental part of our mission to provide sustainable energy solutions. In 2024, BRIGHT obtained our **ISO 14001: Environmental Management Systems standard**.



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The ISO 14001 framework guides us in identifying and mitigating environmental risks while driving continuous improvement in our sustainability efforts. Key aspects of our environmental management system include:

- **Proactive Environmental Practices:** Through ISO 14001, we have established processes to reduce emissions and optimize resource use across our operations.
- **Compliance and Accountability:** We ensure full compliance with environmental regulations and continuously review our policies to meet evolving standards and best practices.
- **Continuous Improvement:** Regular audits and assessments enable us to track our progress and identify areas for enhancement, ensuring that we consistently improve our environmental performance.



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3.3. Reduction Initiatives

BRIGHT Products has committed to several GHG reduction initiatives that aim to lower emissions throughout the product lifecycle and improve operational sustainability. These include:

- **Increased percentage of recycled plastic and optimized materials:** The latest product from our portfolio, Sol, has 100% recycled plastic casing. BRIGHT's Research and Development Team works closely with our manufacturer to identify materials which can reduce our products environmental footprint without compromising their durability.
- **Extended focus on durability:** durable products reduce the need for frequent replacements. This minimizes the extraction and use of raw materials, consumption, and waste generation associated with production cycles. By extending our product lives, we aim at lowering the resource demand, and thus the greenhouse gas emissions across our supply chain. Durable products also align with circular economy principles, promoting sustainable consumption and fostering greater environmental responsibility.
- **Product emissions study:** Conducted Life Cycle Assessments (LCA) in all our products to establish their individual environmental impact. Results will be published in 2025.

- **Energy efficiency in manufacturing facilities:** new solar panels have been installed in our manufacturer's facility, which we are expecting will have an positive environmental impact in terms of energy usage and tackling our Scope 3 emissions.
- **Reduce weight of packaging:** We have conducted a new iteration on the packaging to increase the space efficiency, reduce empty space and weight.
- **Employee training:** All employees received training on basic environmental and human rights knowledge. This also presented several measures to implement at BRIGHT's office to reduce our environmental impact.
- **Policy update:** BRIGHT's travel policy was updated to reflect measures that can positively impact the environment, such as avoiding air travel whenever possible, traveling by train when the journey is less than 5 hours and for national and regional trips, and when flying, taking the most direct route with no stop-overs among other.



Solar panels installed BRIGHT's manufacturer facilities in Xiamen, China.

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4. Social Responsibility

At BRIGHT Products, social responsibility is at the heart of our mission to create positive and lasting change for individuals and communities around the world. As a company dedicated to providing sustainable solutions for energy access, we recognize the profound impact our products and practices can have on the lives of those we serve. Social responsibility is not just a guiding principle—it is a commitment embedded in how we design our products, engage with stakeholders, and contribute to the well-being of people and the planet.

This section highlights our efforts to foster a supportive and inclusive work environment for our employees, while also empowering communities through our programs and partnerships. By prioritizing ethical practices and meaningful engagement, BRIGHT aims to ensure that our operations and products contribute to a more equitable and sustainable future.



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4.1. Diversity, Equity and Inclusion (DEI)

BRIGHT is committed to fostering a workplace where diversity is celebrated, equity is prioritized, and inclusion is embedded in every aspect of our operations. We strive to create an environment where all individuals—regardless of their background, identity, or abilities—feel empowered, valued, and respected.

Despite being a small team of eight employees, we are a global and dynamic group, with six nationalities represented and a strong female presence in leadership, including our CEO and management team.

To crystalize our commitment, in 2024 we adopted BRIGHT's first **Diversity, Equity and Inclusion Policy**. By embedding DEI principles into all aspects of our business, we seek to eliminate systemic barriers, foster innovation, and cultivate an environment of belonging.



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4.2. Employee well-being

A new Health & Safety Representative (verneombud) was elected this year and received training for this role. This was followed by a review of the working conditions at BRIGHT, and the adoption of measures to prevent and address any potential non-compliances.

- **Health and Safety:** We hosted a First Aid training day in May delivered by the Red Cross. All employees at BRIGHT can request further training on health and safety based on the needs for each of their roles.
- **Work-Life Balance:** BRIGHT offers flexible work arrangements that accommodate diverse personal circumstances, enabling employees to balance professional responsibilities with family and personal life.
- **Feedback Culture:** Employees have direct access to leadership, ensuring concerns, ideas, or feedback are addressed in real-time. This open-door approach enhances transparency and trust within the team.



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4.3 Community & Stakeholder Engagement

BRIGHT Products is deeply committed to fostering positive engagement with the communities and stakeholders we interact with. From empowering local repair initiatives to ensuring responsible manufacturing and procurement, our approach reflects our dedication to long-term sustainability and meaningful partnerships.

4.3.1 Repair Program

In 2021, BRIGHT launched its Repair Program to address the challenges of solar e-waste in displacement settings. The program focuses on prolonging the life of solar lamps, facilitating capacity building and job creation, and addressing e-waste holistically.

A notable implementation of this program occurred in Cox's Bazar, Bangladesh, home to the world's largest refugee settlement. BRIGHT collaborated with organizations such as IOM Bangladesh, UNICEF/BRAC, and UNHCR to support existing repair initiatives within the settlement.

This collaboration involved training over 60 members from both Rohingya and host communities, as well as volunteers from the Bangladesh Red Crescent Society, in practical skills for repairing BRIGHT lamps. The training sessions provided hands-on experience, enabling participants to extend the useful life of solar products that had been collected as e-waste.



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In 2024, BRIGHT also renewed its partnership with IOM for a transition to scale its E-waste Project: “Greening humanitarian response through recovery, repair and recycling of solar products in displacement settings.” This project is part of Innovation Norway’s Humanitarian Innovation Programme.

A third-party assessment conducted by Tinkr concluded that the solution promoted through this project was the most advanced in terms of circular models for e-waste management in the sector⁽⁴⁾. As the technical partner for this project, BRIGHT’s aim is to prolong the life of lamps through the provision of spare parts and tools, while at the same time facilitating capacity building in repair and maintenance of solar lamps.

By empowering community members with repair skills, BRIGHT not only enhances the sustainability of its products but also contributes to local economic development and environmental protection. This approach aligns with our broader mission to create lasting, positive change in the communities we serve.

4.3.2 Supplier Engagement

BRIGHT has cultivated a decade-long partnership with our manufacturer based in Xiamen, China, reflecting our commitment to responsible sourcing and manufacturing.

We have also implemented other key actions:

- **Ethics and Business Conduct Clauses:** All partnership and supplier contracts with BRIGHT include clauses requiring adherence to international human rights standards and alignment with our Code of Conduct and Human Rights Policy.
- **Regular Audits and On-Site Visits:** In 2023-2024, BRIGHT conducted two on-site visits to the manufacturing facilities to ensure compliance with health and safety standards. UNHCR conducted a regular on-site audit in September 2024. These visits followed up on recommendations from previous audits and ensured sustained improvements.

(4) Frida Hoyvall, Rune Schanke Eikum, Kristian Wengen, “Scaling the IOM model for creating a Circular Economy for Solar E-waste” Tinkr June 2023. Available after request.

5. Governance & Ethics

BRIGHT prioritizes a strong foundation of governance and ethics, essential to achieving sustainable growth while maintaining social and environmental responsibility. This commitment to ethical practices is reflected in our policies, governance structure, and proactive approaches to accountability, ensuring that we operate transparently and uphold the highest standards.

5.1 Corporate Governance

Our corporate governance framework is designed to embed sustainability and human rights considerations across all levels of the company. The CEO and Management Team oversee the development and integration of BRIGHT's Human Rights Policy, Code of Conduct, and Sustainability Policy into our business strategy.

This responsibility includes aligning our operational practices with internationally recognized standards, such as the UN Guiding Principles on Business and Human Rights (UNGPs) and the OECD Guidelines for Multinational Enterprises.

To ensure effective implementation, each policy has an assigned policy holder who is publicly accessible for inquiries. Additionally, BRIGHT provides ongoing training for all employees in areas of sustainability and human rights, emphasizing our commitment to ethical standards across our operations. By engaging employees at all levels, BRIGHT fosters a culture of responsibility, where each team member understands their role in upholding our values.



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5.2 Commitment to Quality

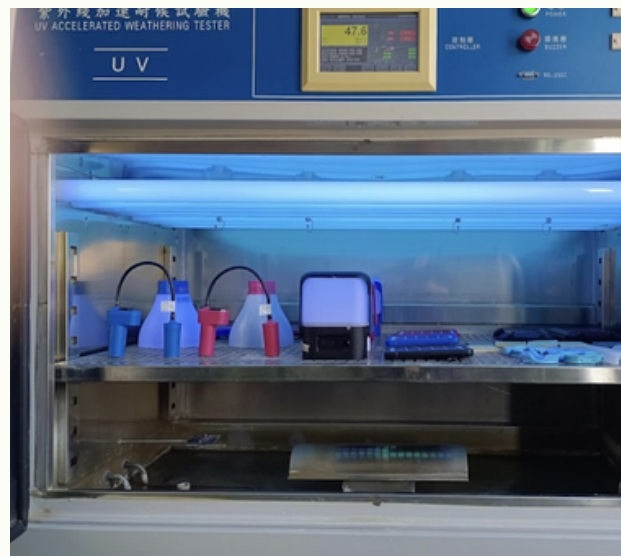
Quality is integral to our mission of delivering reliable and sustainable energy solutions. In line with this commitment, in 2024 we obtained our **ISO 9001: Quality Management Systems** standard. This certification reflects our dedication to continuous improvement, customer satisfaction, and operational excellence.

The ISO 9001 framework ensures that our processes are consistent, efficient, and aligned with the needs of our customers and stakeholders. Key aspects of our quality commitment include:

- **Customer Focus:** Understanding and meeting the needs of our customers is at the core of our quality management system. From design to delivery, we prioritize creating products that exceed expectations in performance, durability, and sustainability.
- **Process Efficiency:** By implementing systematic processes and regular assessments, we maintain a high standard of operational efficiency, reducing waste and ensuring consistency in product quality.
- **Continuous Improvement:** BRIGHT embraces a culture of continuous improvement. Regular audits, feedback loops, and performance evaluations drive our commitment to refining our practices and achieving even greater excellence.



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5.3 Ethical Practices

BRIGHT's ethical framework is founded on our Code of Conduct, which establishes clear principles for conducting business responsibly and with integrity. The Code covers essential areas, including:

- **Human Rights and Labour Rights:** BRIGHT's Code of Conduct mandates respect for human rights, emphasizing safe and fair working conditions for all employees and partners. This includes a zero-tolerance policy for discrimination, forced labour, and child labour.

In addition, in 2024 BRIGHT adopted its **Human Rights Policy** that aligns with international standards, including the United Nations Guiding Principles on Business and Human Rights (UNGP) and the OECD Guidelines. This policy mandates respect for fundamental human rights across BRIGHT's value chain and highlights our focus areas, including labour rights, employee rights, and community impact. The policy is enforced through contractual agreements with suppliers and regular on-site visits.

BRIGHT's first [Human Rights Statement](#), in alignment with the Norwegian Transparency Act, is publicly available in our website.

- **Anti-Corruption:** To maintain the integrity of our business practices, BRIGHT enforces strict anti-corruption measures, ensuring all dealings are conducted transparently and in compliance with legal standards.
- **Stakeholder Engagement:** BRIGHT actively engages with stakeholders, including customers, employees, suppliers, and the communities we serve. We view open communication as critical to ethical conduct, allowing us to better understand and address the needs of those impacted by our operations.

These ethical principles extend to all business relationships, with BRIGHT's suppliers and business partners required to adopt similar standards. The Code of Conduct is regularly reviewed by the Board to ensure it reflects evolving best practices and regulatory requirements.

6. Alignment with Global Goals

We recognize the importance of aligning our sustainability efforts with global objectives, specifically the United Nations Sustainable Development Goals (SDGs). These goals serve as a roadmap for achieving a sustainable and equitable future. By aligning with key SDGs, we aim to contribute to positive environmental and social impacts on a global scale.

BRIGHT's initiatives directly support several SDGs, highlighting our commitment to creating affordable, clean energy solutions while fostering sustainable practices throughout our value chain.



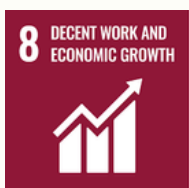
SDG 7 - Affordable and Clean Energy: By developing affordable, solar-powered lamps, BRIGHT enhances energy access for underserved populations in humanitarian contexts, helping bridge the energy gap for millions globally.



SDG 13 - Climate action: By prioritizing recyclable materials, optimizing supply chains, and incorporating sustainable practices in manufacturing, we actively work to lower our carbon footprint. Our objective to reduce greenhouse gas emissions across the product lifecycle is one of our commitments to fight against climate change.



SDG 12 - Responsible Consumption and Production: BRIGHT is committed to responsible production by designing durable, repairable, and recyclable products that minimize environmental impact. Our dedication to reducing waste—both in production and at the end of the product lifecycle.



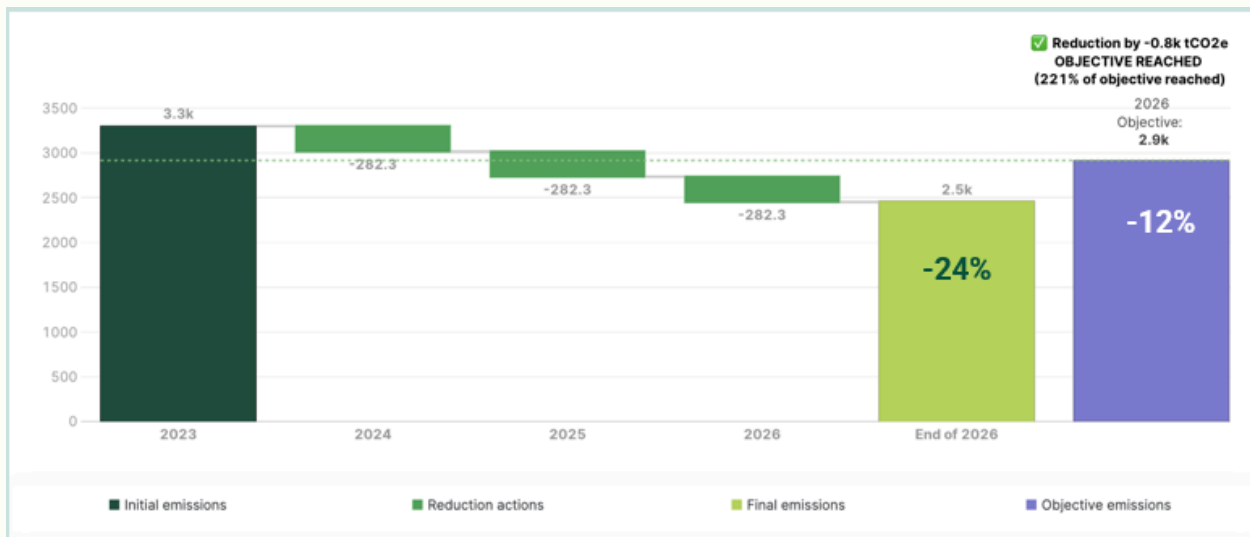
SDG 8 - Decent Work and Economic Growth: In collaboration with suppliers and partners, BRIGHT upholds high standards for labour practices, ensuring safe, fair, and ethical working conditions across our supply chain.

7. Our Commitment

We understand that sustainability is an ongoing journey, and there is always more we can do to improve. While we are proud of the progress we've made so far, we remain focused on setting realistic, meaningful goals that drive positive change.

Our aim is to continue working on the durability, repairability and recyclability of our products, and implement measures that align with this three pillars in order to achieve an 8% reduction in emissions yearly, meeting the Paris Agreement 1.5% target which requires a 7.5% reduction per year.

REDUCTION TRAJECTORY



In order to achieve this objective, our main focus will be:



Increase in the use of recycled and low- carbon footprint materials



Waste management and repair initiatives to expand the life-cycle of lamps



Increased energy efficiency measures in manufacturing processes

Conclusion

Sustainability is deeply embedded in our mission to provide clean, reliable energy solutions that create a positive impact. As we look to the future, we are committed to a path of ongoing improvement, setting measurable targets and pushing ourselves to innovate in ways that benefit both people and the planet.

We understand that the journey toward sustainability is a dynamic one, requiring us to constantly evaluate and enhance our practices. Our commitment is not only to meet today's standards but to anticipate the needs of tomorrow. This means continuously seeking new ways to reduce our environmental footprint, increase product durability, and ensure that our operations align with the highest ethical and environmental standards. By fostering a culture of responsibility, we aim to create lasting, positive change within our industry and the communities we serve.

With this report, we reaffirm our pledge to uphold transparency, integrity, and accountability in all our sustainability efforts. We look forward to building on this foundation and to making meaningful progress year after year, guided by our mission to empower communities through sustainable energy.

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We value feedback and strive to improve our services continuously by engaging with our stakeholders. Please share your thoughts, suggestions, or any questions you may have. Your input is essential in helping us improve.

Durability
Repairability
Recyclability



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