

Carbon Reduction Plan

MER MEC S.p.A. is committed to achieving Net Zero emissions by 2050.

Baseline Emissions Footprint: Baseline emissions are the reference point against which emissions reduction can be measured.

This document is the first Carbon Reduction Plan of MERMEC: the baseline is set to the last year for which emissions data are available and certified by an external body. Direct emissions (Scope 1) deriving from sources controlled directly by MERMEC. Indirect emissions (Scope 2) deriving from sources not directly controlled by MERMEC and associated with the generation of electricity, reported through two calculation approaches:

- Location-based, which reflects the intensity of emissions generated by the consumption of electricity in relation to the production network within which it operates.
- Market-based, which reflects the intensity of emissions generated by the consumption of electricity purchased by MERMEC through any specific supply contracts.

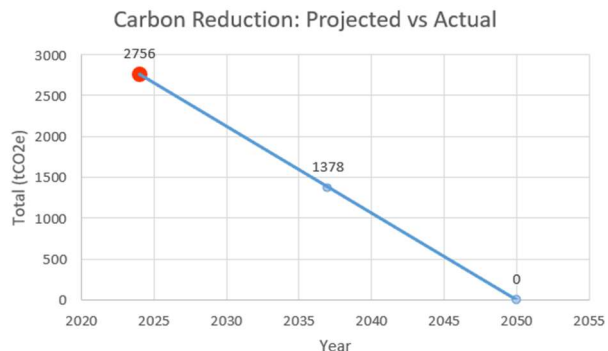
The emissions declared below are published in the sustainability report (available on the company website) and certified by a third party.

Baseline year emissions: 2024	
EMISSIONS	TOTAL (tCO ₂ e)
Scope 1	1.962
Scope 2	795 (Location based) 1293 (Market based)
Scope 3 (Included Sources)	Not available
Total Emissions	Total emissions (with Scope 2 Location-based) = 2.756 Total emissions (with Scope 2 Market-based) = 3.255

Current Emissions Reporting:

MERMEC 2025 emissions data are being calculated, and they will be available in the next Sustainability Report.

Emissions reduction targets: to continue our progress to achieving Net Zero, we have adopted the following carbon reduction targets. We project that carbon emissions will decrease to 1378 tCO₂e by 2037. This is a reduction of 50%.



Carbon Reduction Projects

The following environmental management measures and projects have been completed or implemented since we started public reporting in Sustainability Report of our annual emissions in FYE 2018. Within its Environmental Policy, MERMEC has undertaken a commitment to implement specific programmes to improve environmental performance inherent in the most significant aspects. For this reason, MERMEC has decided to implement the Environmental

Management System certified in accordance with ISO 14001:2015 and to operate according to specific strategic lines, including those relating to the management of energy resources and their emissions.

MERMEC uses **photovoltaic panels to produce electricity**, which make it possible to reduce impacts on the environment and obtain savings also in terms of cost. In 2024, about 4,2% of MERMEC's electrical energy needs were guaranteed by the production of electricity from renewable sources through two Photovoltaic Systems installed at the Monopoli Plants. Electricity needs not covered by photovoltaic energy production are covered by the purchase of electricity the National Electricity Network – RTN.

With a view to reducing environmental impact, in the two-year period 2021-2022 MERMEC has joined the SAF Corporate Program proposed by AirFrance and KLM. SAF (Sustainable Aviation Fuel) is an aircraft fuel, produced from renewable sources such as used cooking oil and is a valid substitute for fossil fuel. It can be mixed with conventional fuel, is suitable for all engines of all aircraft and does not interfere with airport processes or operations. SAF reduces CO2 emissions at source by at least 75% compared to fossil fuels.

With reference to programs for the reduction of energy consumption, MER MEC has replaced traditional light bulbs with LED bulbs and has implemented server virtualization. MER MEC has replaced old air conditioning systems with more efficient technologies and old windows with frames with a low thermal transmittance value.

Future Carbon Reduction Initiatives

MER MEC has planned three structural interventions aimed at the newly acquired industrial complex in Matera:

1. Installation of photovoltaic system at the industrial complex of Matera. In line with what has already been implemented on other Group plants, the intervention concerns the installation at the Matera complex of a **photovoltaic plant** capable of producing 1200 kW of power, thus allowing the use of energy from renewable sources, reducing the ecological footprint of the Group's industrial activities.
2. Partial replacement of the roof with insulated sandwich panels for an area of 6,000 m2 at the Matera industrial complex. A well-insulated building will allow you to:
 - . Maintain **the temperatures of the internal rooms stable**.
 - . Improve **thermal performance**.
 - . Significantly reduce **consumption**.

Sandwich panels represent a solution that meets the need to incorporate the concept of sustainability with that of building functionality. Designed to be functional and ecological, they are made of insulating material enclosed between two sheets, usually made of metal, to offer maximum thermal and acoustic insulation.

3. Construction of a hydrogen production plant at the Matera plant. The production of green hydrogen, also known as "green hydrogen" or "renewable hydrogen", uses renewable energy sources, such as solar or wind energy. This energy carrier is becoming increasingly popular because it is a clean and sustainable source of energy: it is not produced from fossil fuels and therefore reduces greenhouse gas (CO2) emissions, improving air quality. In addition, since green hydrogen is a clean fuel, because burning it releases only water vapour as a by-product, the goal is to replace, or at least reduce, the use of fossil fuels.

CSR Director



MER MEC Group Managing Director

