

VERSALIS

A CHEMICAL COMPANY COMMITTED TO A LOW-CARBON FUTURE



CHEMICAL INDUSTRY DECARBONISATION

TACKLING A TOUGH, BUT ACHIEVABLE, CHALLENGE

Being energy-intensive, the chemical industry bears a **heavy responsibility** in the decarbonisation challenge since deemed 'hard to abate', i.e. difficult to decarbonise. **Difficult, but possible. New technology** development is key to achieving carbon neutrality and the chemical industry, that involves multiple worldwide value chains, is a veritable testing ground for the **Net Zero target**, a **driver for innovative technologies** that contribute to creating a low-carbon society.

DECARBONISATION TARGETS

WE HAVE REALISTIC, AMBITIOUS, GOALS

Our organisation's carbon footprint (for relevant **Scope 1, 2 and 3** categories) is ~13 MtCO₂eq tracked against the 2018 base year. **The calculation method employed is fully in line** with both **Eni guidelines** and **international standards** such as the **GHG Protocol** and the **WBCSD Guide** for the chemical sector and quantification has been verified by an external assurance provider.

We aim to **reduce greenhouse gas emissions** and switch to a **low-emission business model**, thus contributing to a more **sustainable future**.

We are committed to achieving the **Net Zero by 2050 target** for direct and indirect activities that generate greenhouse gas emissions.

Along the decarbonisation pathway, **our intermediate emission** reduction targets (compared to the 2018 base year) for **Scope 1 and 2** are:

- **15% reduction** in emissions by **2025**
- **30% reduction** in emissions by **2035**

We have identified specific actions to achieve these targets:

- **Scope 1:** we act on industrial processes and in particular steam cracking, the process by which hydrocarbons are converted into intermediates used to produce a wide variety of everyday chemical products, a process with the majority of direct emissions;
- **Scope 2:** we steadily increase plant and process efficiency and the use of renewable energy;
- **Scope 3:** to achieve Net Zero by 2050, we develop circular economy and renewable chemical projects. We involve our network of suppliers and customers, encouraging them to contribute to emission reduction.

We actively participate in **various European association and institutional forums** to contribute to the chemical industry's ongoing development.

SYNERGETIC PRODUCTS AND INITIATIVES

WE BELIEVE IN COMPLEMENTARY SOLUTIONS FOR A LOW-CARBON INDUSTRY

Our **decarbonisation strategy** is based on the development of **complementary and synergetic products** and solutions to achieve targets.

In terms of the **circular economy**, we are committed to developing technology for **mechanical and chemical recycling** of plastic waste and the use of **certified sustainable feedstocks**.

We are developing chemistry from renewable sources. Besides the work in progress at our two technology facilities, Crescentino and Porto Torres, we recently announced the acquisition of Novamont, a leader in the **circular bioeconomy** sector.

We are increasingly specializing our **portfolio**, also by developing **energy-transition** and **sustainable-mobility** markets and products

We are actively engaged in increasing the use of **renewable energy sources** and improving **energy efficiency** in all our activities.

We aim to **develop and make competitive** innovative technological solutions to implement new, **increasingly efficient production processes** and are also open to joint ventures with strategic partners.

In addition, we consider the use of **high-quality carbon credits** to offset residual emissions that are harder to abate or whose reduction is not yet feasible with currently-available technology.

Our pledge to restrict the use of carbon credits to those independently audited as complying with **strict standards** will **ensure effective emission offsets**, contributing to projects that promote renewable energy, energy efficiency and other sustainable practices.

DECARBONISATION-ORIENTED GOVERNANCE

ON COURSE TO MEET OUR OBJECTIVES

In order to **manage the overall decarbonisation scheme** and **monitor its updates**, we have drawn up a **structured governance** framework that also includes **top management** and a specialist reporting tool to provide support. There is specific focus on not only **short- and medium-term goals**, but also, and above all, the **ambitious 2050 targets**.