



Essential. Responsible. Chemistry.



Europe Sustainability Overview

Our responsible chemistry helps
build a sustainable future for all.

At Chemours, we strive to make chemistry as responsible as it is essential.

Chemours is a different kind of chemistry company, driven by our purpose to create a better world through the power of our chemistry. Whether it's products to enable the production of green hydrogen, semiconductor manufacturing, electric vehicle technologies or lower global warming thermal solutions, Chemours' chemistries are enabling the new green economy. We're also playing our part to deliver Europe's net-zero future.



Chemistry is vital to achieving the objectives of the European Green Deal. Our materials are going to make a difference in very important value chains for the future—clean energy, advanced electronics, semiconductors, and next-generation refrigerants—and we make them responsibly.”

Amber Wellman
Chief Sustainability Officer
Chemours

The Essential Nature of Our Chemistry

Chemours' chemistry is a vital part of our everyday lives, enabling virtually everything people touch, including many of the products we use every single day.

The world needs our chemistry, so we are hard at work delivering solutions that are better, safer, more reliable, and sustainable.



Vital to Modern Living

From keeping food cold and improving reliability of medical equipment to fluoropolymer and fluorinated gas, our products are the best solution for hundreds of important applications in our daily lives.

Necessary for the Green Economy

We enable technologies such as electric vehicles, clean energy, coatings that create durable and advanced infrastructure, and more energy-efficient cooling. For example, Nafion™ membranes are key to producing clean hydrogen, and Opteon™ low global warming potential solutions drive energy efficiency.

Best Solution and Performance

Quality, reliability, safety, and sustainability: many of our products possess a highly unique combination of properties to deliver unmatched levels of performance.

Minimal Environmental Impact

Meeting the world's growing demand for our chemicals requires us to grow while reducing our own environmental impact. That starts by operating our plant sites in a manner that reduces emissions, conserves water, enhances biodiversity, and minimizes and disposes of waste properly.

Economic Impact

Our chemistry contributes to positive economic growth and expansion. It touches 50% of the European Union's (EU) €16 trillion economy and is necessary chemistry for the EU's green economy vision.



Our 2030 Goals

Inspired by our vision. Built upon our values. Achieved by our workforce.

As we progress in each of Chemours' sustainability pillars, our goals, which align with the United Nations Sustainable Development Goals (UN SDGs), keep us focused and accountable. We are making important strides, including being more than halfway to achieving our 2030 absolute greenhouse gas (GHG) emissions and air and water fluorinated organic chemical (FOC) process emissions goals. By 2050, we plan to achieve net-zero operations.

Our Pillars	Our 2030 Goals	2022 Progress	UN SDGs
INNOVATION AND SUSTAINABLE SOLUTIONS	Sustainable Offerings › Ensure that 50% or more of our revenue comes from offerings that make a specific contribution to the UN SDGs		2, 3, 6, 7, 8, 9, 11, 12, 13
	Sustainable Supply Chain › Establish a baseline for the sustainability performance of 80% of suppliers by spend and demonstrate 15% improvement		5, 6, 8, 10, 12, 13, 15
ENVIRONMENTAL LEADERSHIP	Climate › Reduce absolute GHG emissions from operations by 60% › Journey to net-zero operations by 2050		7, 8, 12, 13
	Water › Reduce air and water process emissions of FOCs by 99% or more		6, 8, 12, 14
	Waste › Reduce our landfill volume intensity by 70%		8, 12, 15
COMMUNITY IMPACT	Vibrant Communities › Invest \$50 million in our communities to improve lives by increasing access to science, technology, engineering, and mathematics (STEM) skills, safety initiatives, and sustainable environment programs		4, 6, 8, 11, 15
GREATEST PLACE TO WORK FOR ALL	Empowered Employees › Fill 50% of director level positions and above with women globally › Fill 35% of all positions globally with women › Fill 30% of all U.S. positions with ethnically diverse employees		3, 4, 5, 8, 10, 18
	Safety Excellence › Improve employee, contractor, process, and distribution safety performance by at least 75%		8



Our investment in Nafion™ production to enable clean hydrogen generation supports Chemours' 2030 goal to generate 50% or more of our revenue from products that contribute to the UN SDGs.



Dordrecht, The Netherlands

What We Make in Dordrecht Makes a Difference Everywhere

Founded in 1959, Dordrecht Works is our main production facility in Europe for polymers and elastomers.

These high-quality materials, marketed under the brand names Teflon™ and Viton™, are vital to medical equipment, 5G data transmission, and the aerospace and automotive industries. The facility also supplies Opteon™, a refrigerant with low global warming potential. In short, our products are essential for society, the energy transition, and the local and global economy.

Making Strides to Reduce Our Environmental Impact

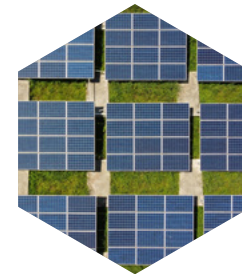


Driving Emissions Reductions

Since 2014, we've used steam generated by an adjacent waste incineration company to power operations.

- › Steam supply currently represents more than **70% of power** used in Dordrecht.
- › That's equal to **400 kilotons of steam** per year.
- › This **saves** 63,000 tons of CO₂ emissions annually.

We've invested **€75 million** toward the goal of reducing per- and polyfluoroalkyl substances (PFAS) emissions by more than 99% by 2030 or earlier if possible, compared with 2017 levels. We already reduced hexafluoropropylene oxide-dimer acid (HFPO-DA) emissions by greater than 99% and are working on projects to address overall FOC process emissions. In 2023, equipment will be installed to help us achieve an overall reduction of 80% or greater of all FOC emissions, and we are currently working to identify additional technologies that will help us achieve further reductions to achieve our goal.



Saving Energy

Starting in 2020, Dordrecht Works has leveraged renewable energy solutions. In 2022, we identified and implemented **12 energy-reduction initiatives**, reducing energy intensity by almost 3% in one year.



Our commitments can be seen in our actions. Since 2018, we have reduced site emissions significantly, achieving a reduction in emissions of HFPO-DA—a GenX-technology processing aid—by more than 99%. Manufacturing our essential products responsibly is a prerequisite for being successful. Further reducing our environmental footprint is on my mind every day. There is not a single day that we do not work on this at Dordrecht Works."

An Lemaire
Plant Manager
Dordrecht, the Netherlands



[Learn more about the products we make and our commitment to sustainability at Dordrecht Works.](#)

Villers-Saint-Paul, France

Contributing to European and Global Efforts to Enable the Clean Energy Transition

Both France and Europe attach a key role to green hydrogen in achieving the European Green Deal's objectives and reaching net zero in the EU by 2050.

That is why in 2023 Chemours announced a US\$200 million investment in our Villers-Saint-Paul facility to increase production capacity and advance technology for our hydrogen energy-enabling Nafion™ ion exchange materials.

Solving Some of the World's Biggest Challenges, Sustainably

Investing in the Future

Through our **US\$200 million investment**, we support market demand for clean hydrogen generation using water electrolyzers, energy storage in flow batteries, and hydrogen conversion to power fuel cell vehicles.



Enabling Critical Products

Our Villers-Saint-Paul facility is central to the development of innovative and efficient solutions, like Capstone™ repellents and surfactants which are **critical to people's everyday life and safety in Europe**. These products are used in applications as diverse as architectural coatings, fire safety products, textiles, leather and windshields.



Boosting the Local Economy

Established in 1917, the 40-hectare facility is part of an industrial complex that now employs 60 people. Our new investment will generate approximately **80 new full-time jobs**.

Manufacturing Responsibly

Among our efforts to conduct our operations sustainably and responsibly: All diesel forklifts have been **converted to electric**. Fire pump tests are conducted **without water** consumption, thereby reducing the amount of fuel consumed. Our two main wastes (concentrated wastewater and waste solvent) are not landfilled but incinerated at licensed, highly-regulated industrial incinerators to break down the FOC compounds into simple compounds that are not persistent. Additionally, we've installed carbon filtration on our wastewater emissions stream and **decreased FOC compounds** discharge by 92%.



We have the ambition and the technology to help Europe reach and surpass its domestically produced hydrogen goal. It makes me feel proud to see clear and concrete commitment from the whole company to building the future of green energy in France and in Europe."

Marc Chefson
Director
Chemours France

 **Mechelen, Belgium**

Making Products that are Essential to the World We Know Today and the World We Need to Create for Tomorrow

Our Mechelen facility enables critical materials used in products we all use every day.

Since 2020, this facility has been fully sustainable, with all utilities derived from a green energy contract.

Advancing Essential Chemistry, Responsibly



Optimizing our Operations

In Mechelen, we've made great strides to reduce our environmental impact. The facility:

- › Uses only **green energy**, including EU wind-powered electricity and carbon neutral natural gas
- › Leverages **hot water** for heating to reduce the use of natural gas boilers
- › Uses a HVAC heat-recuperation system that **helps reduce natural gas usage**
- › **Eliminates all process wastewater** discharge into the public sewer system
- › Is **zero waste** to landfill

Delivering Essential Products

Our Mechelen facility has a diversified product portfolio, including hydrogen energy-enabling Nafion™ ion exchange materials and Teflon™ products, which are critical to everyday products such as electronics, medical, industrial, and automotive equipment.



I'm proud that our Mechelen site became the company's first green powered location. Running 100% on renewable electricity, the site is CO₂ neutral and continues to pursue sustainability and energy management improvement opportunities."

Ferdy Onink
Plant Manager
Mechelen, Belgium





Learn more about how we
are playing our part to deliver
Europe's net-zero future at:
chemours.com/europe.

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