

We make the transformation go faster

We have no time to lose. If our planet is to remain livable for future generations, humanity must collectively pick up the pace to build a more sustainable future. We believe that the power to solve some of the greatest challenges of our time – such as climate change – lies in innovation. BASF's solutions can be an accelerator for many of these innovations.

We accelerate the journey to a sustainable future with

Consumer goods
Together with customers, we are working on consumer products that are manufactured using renewable and chemically recycled raw materials with our mass balance approach. By using circular feedstocks, we can manufacture virgin-quality products while saving fossil resources and reducing CO₂ emissions.

Transportation
We supply high-performance cathode active materials (CAM) for electric vehicle batteries and are creating a sustainable battery materials value chain from refining to recycling.

Health and nutrition
We are setting new standards in animal nutrition with feed additives that increase efficiency, minimize emissions and ensure more sustainable animal protein production.

Agriculture
We help farmers tackle the most pressing climate challenges with the right combination of technologies designed to increase yield, make farm management easier and more effective, and reduce environmental impacts.

Construction
We offer products and solutions to enable energy-efficient housing, such as super-slim high-performance insulation materials.

Industrial solutions
We offer countless products that are used by the processing industry to save resources during the manufacturing process or to make products more durable and resistant (for example, corrosion protection), extending their lifetime and avoiding emissions.

Energy and resources
We enable wind energy for low-carbon electricity production with products like wind blade coatings, adhesives and composites, ensuring excellent adhesion and toughness, good flexibility and thermal shock resistance.

How BASF is redefining the way chemistry is done

We are empowering our customers to become more sustainable with our solutions. But, since our production is CO₂ intensive, we go one step further: We are reinventing the way we produce chemistry along the entire value chain. In this endeavour, we are guided by two fundamental principles: **First** – Our targets are ambitious. **Second** – Our commitments are realistic. Here are our actions and ambitions:

Actions

We ensure that we achieve our ambitions by taking action

Ambitions

On our journey to net zero, we have far-reaching ambitions

- 1994**
 - Adoption of Vision 2010 that made balancing economic, environmental and societal interests our guiding principle
- 2008**
 - Introduction of the corporate carbon footprint for a better understanding of how our products and plants contribute to sustainability
- 2013**
 - Launch of the Stakeholder Advisory Council to expand sustainability-related strengths and identify areas for improvement
 - Start of BASF's Sustainable Solution Steering, a methodology that helps customers to assess their product portfolio based on defined sustainability criteria
- 2020**
 - Reduction of our global CO₂ emissions by almost half compared with 1990 (that equals the annual emissions of a city like Rio de Janeiro, Brazil)
 - ✓ Reached as planned
- 2021**
 - Launch of the unit Net Zero Accelerator to bundle and accelerate our extensive cross-company activities to reduce CO₂ emissions and become climate neutral
 - Achievement of our 2025 target of generating Accelerator sales of €22 billion. Accelerators are solutions that make a substantial sustainability contribution in the value chain
 - ✓ Reached earlier than planned
- 2022**
 - Development of first net-zero products
 - Cooperation with Henkel on renewable raw materials in Henkel's core consumer brands like Persil, Pril, Fa and Schauma
 - Introduction of a digital solution to calculate the carbon footprint of our 45,000 sales products – from the cradle (including BASF's emissions from upstream plants) to the factory gate
 - Communication of a new landmark target of cutting CO₂ emissions by 25% by 2030 compared with 2018
- 2023**
 - Start-up of the world's largest wind farm in the North Sea owned by BASF, Vattenfall and Allianz
- 2030**
 - Expected launch of the first climate-neutral plants
 - Doubling of sales from our circular economy solutions
 - Reduction of our global CO₂ emissions by 25% compared with 2018 (that means we have to take 11 million tons of CO₂ out of our production processes, equaling the annual emissions of a city like Prague, Czech Republic)

2050 BASF achieves net-zero emissions



Massively reducing our carbon footprint along the value chain

Taking renewable energy supply into our own hands with a make-and-buy strategy

In addition to purchasing green power from third parties, we have, for example, partnered with the energy company Vattenfall and Allianz to build the world's largest wind farm in the North Sea. When fully operational in 2023, it will generate a total of 1.5 gigawatts of renewable electricity.



Producing base chemicals sustainably

We are working to be able to operate our crackers with electricity from renewable sources (and with it, reduce CO₂ emissions by as much as 90% compared with conventional steam crackers).



Expanding our sustainable product range

We are introducing more and more products that leave our gates with a significantly reduced or even a net-zero carbon footprint. A highlight of this commitment is the cooperation with Henkel, which will enable fossil carbon to be replaced by renewable raw materials in many of Henkel's consumer products by 2026.



Sourcing our goods sustainably

Over 70% of our emissions stem from the goods and services we source, before we even start our own production. That's why, with our global Supplier CO₂ Management Program, we help our suppliers to determine the carbon footprint for each product and expect them to continuously improve it. In this way, we reduce emissions right at the beginning of our supply chain.



Contributing to a circular economy

We are thinking sustainability beyond our production, for example by helping to create a circular economy through the development of recycling technologies for various waste streams. One example is our chemical recycling project where we use secondary feedstock derived from plastic waste to manufacture virgin-quality products with our mass balance approach. This enables us to produce in a more environmentally friendly way while avoiding waste.

