



We create chemistry

# Sustainability in Plastics & Packaging across Australia & New Zealand

We create chemistry  
for a sustainable future

We want to contribute to a world that provides a viable future with enhanced quality of life for everyone. We do so by creating chemistry for our customers and society and by making the best use of available resources. Sustainability is at the core of what we do, a driver for growth as well as an element of our risk management.

## Corporate Commitments

We have defined sustainability focus areas within our corporate strategy. These formulate the commitments with which BASF positions itself in the market and how it aims to meet the growing challenges along the value chain.



## Our sustainability goals and KPIs

BASF welcomes the Sustainable Development Goals (SDGs) and supports the UN in making our planet more sustainable. BASF was actively involved in the development of the SDGs as a member of the working groups. Of particular importance to BASF are the SDGs: Zero Hunger, Good Health and Well-being, Clean Water and Sanitation, Decent Work and Economic Growth, Industry, Innovation and Infrastructure, Sustainable Cities and Communities, Responsible Consumption and Production, Climate Action, Life on Land and Partnerships for the Goals.

### BASF is contributing to the SDGs in the following areas:

#### Effective climate protection

- Reduce our absolute CO<sub>2</sub> emissions<sup>1</sup> by 25% by 2030 compared with baseline 2018
- Achieve net zero CO<sub>2</sub> emissions<sup>1</sup> by 2050

#### Resource efficiency and safe production

- Reduce worldwide process safety incidents per 200,000 working hours to ≤ 0.1 by 2025
- Reduce the worldwide lost-time injury rate per 200,000 working hours to ≤ 0.1 by 2025
- Introduce sustainable water management at our production sites in water stress areas and at our Verbund sites by 2030

#### Sustainable product portfolio

- Achieve €22 billion in Accelerator sales<sup>2</sup> by 2025

#### Employee engagement and diversity

- Increase the proportion of women in leadership positions with disciplinary responsibility to 30% by 2030
- More than 80% of our employees feel that at BASF, they can thrive and perform at their best

#### Responsible procurement

- Cover 90% of our relevant spend<sup>3</sup> with sustainability evaluations by 2025
- Have 80% of our suppliers improve their sustainability performance upon re-evaluation



Scan for more information on how BASF supports the UN SDGs.

<sup>1</sup> The goal includes Scope 1 and Scope 2 emissions without emissions from sale of energy to third parties.

Other greenhouse gases are converted into CO<sub>2</sub> equivalents according to the Greenhouse Gas Protocol.

<sup>2</sup> Products with substantial contribution to sustainability

<sup>3</sup> Relevant spend; based on risk matrices, purchasers' assessments and other sources

## Circular economy

For BASF, circular economy is much more than waste management. The aim is to close cycles, use products and resources in the best way possible across the entire value chain, and support our customers in their journey towards a more sustainable future.

The circular economy model has been gaining ground in politics, industry, and society over the last years. Behind this idea is a change away from the linear model of "take-make-dispose", to a system of closed loops powered by renewable energy. The chemical industry and its innovations can lead the way in this change. BASF is already applying circular economy in several ways.



We aim to **double** our circular sales to reach **€17 billion** by 2030.



We commit to using **250,000 metric tons** of recycled feedstock by 2025 globally.



We run a **Circular Economy Program** to accelerate the transition.

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BASF aims to drive innovative solutions for the plastics and packaging industry, as the demand for lighter, and more sustainable packaging increases. It is important to us that we are leading by example and contributing to the development of technologies that promote the recycling of plastics, therefore driving a more sustainable future.

## ChemCycling™

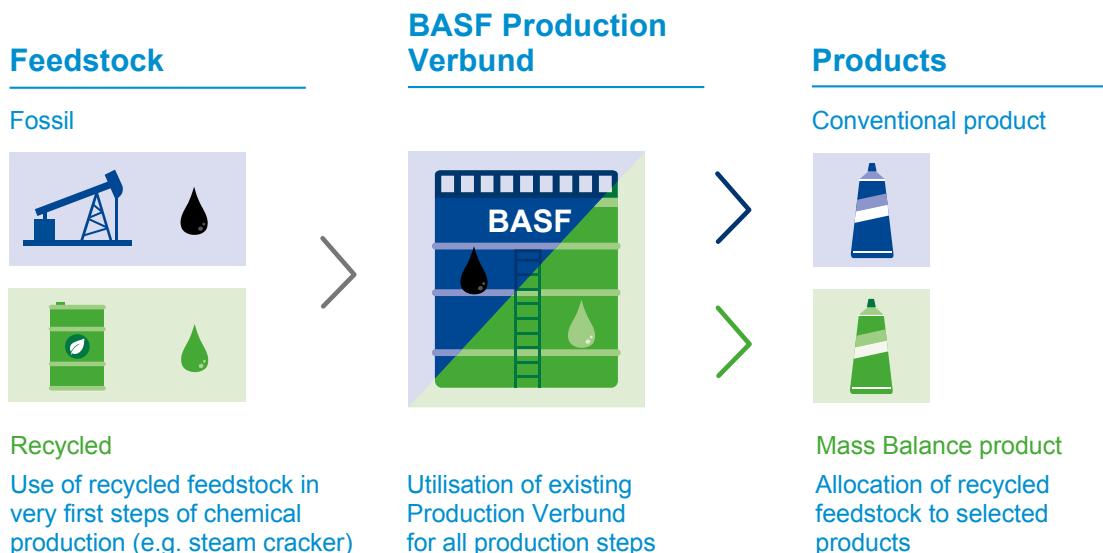
Through BASF's ChemCycling™ project, we aim to help tackle global challenges such as reducing plastic waste. We are working with partners to further develop pyrolysis technology to turn plastic waste into a secondary raw material called pyrolysis oil. This oil is fed into BASF's Verbund production at the beginning of the value chain, thereby saving fossil resources.



Scan for more information on our ChemCycling™ project.

## We use the mass balance approach to help allocate the recycled feedstock

BASF's biomass balance approach contributes to the use of renewable raw materials in BASF's integrated production system and can be applied to the majority of BASF's product portfolio as a solution to reduce CO2 emissions and reduce fossil resources.



## Safety helmets

At BASF, we value the health and safety of our people above all else, and recognise that to create a more sustainable future, safety must be at the core of everything we do.

Through our long-term partnership with Martogg Group, we helped develop a translucent safety helmet, with a see-through peak that allows the wearer to look upwards without the need to tilt the head back, minimising neck discomfort. With BASF's light stabilisers, these translucent helmets provide long-lasting protection against strong UV radiation, extending the life of the polymer compound. In addition, our stabilisers also improve manufacturing productivity with low volatility and better chemical resistance whilst also maintaining an environmentally friendly manufacturing process.



**Scan to watch and learn about the creation of the safety helmets.**



## ecovio®

BASF has a long history in Australia with certified compostable solutions enabling source separation of food or other organic waste and diverting this valuable resource from landfill. We are working with other key industry stakeholders to drive a future that diverts all organics from landfill and promote certified compostable applications. Our certified compostable and partially biobased polymer, ecovio®, can be used to create organic waste bags, multi-use fruit and vegetable bags and food packaging that allow for organics to be separated at source, diverting this from landfill. ecovio® can also be used for agricultural applications such as certified soil biodegradable mulch films, to replace conventional plastic film that cannot be collected and cannot be reused nor recycled.

