



We create chemistry

Sustainability in Dispersions & Resins across Australia and 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.

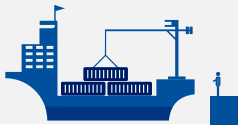
Suppliers

BASF operations

Customers

And along the way...

We source responsibly



We produce safely for people and the environment



We produce efficiently

We drive sustainable solutions



We value people and treat them with respect



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 CO₂ emissions¹ by 25% by 2030 compared with baseline 2018
- Achieve net zero CO₂ emissions¹ 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 sales² 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 spend³ 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.

¹ The goal includes Scope 1 and Scope 2 emissions without emissions from sale of energy to third parties. Other greenhouse gases are converted into CO₂ equivalents according to the Greenhouse Gas Protocol.

² Products with substantial contribution to sustainability

³ 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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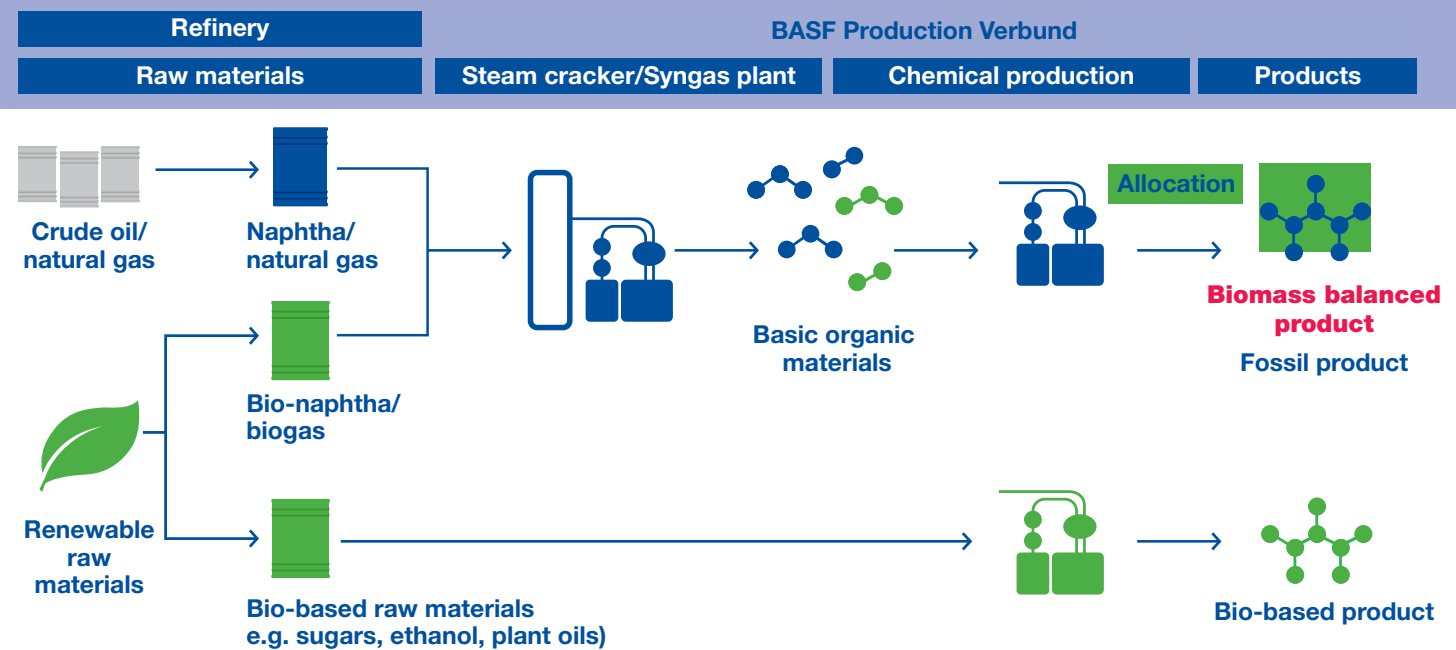
BASF's Dispersions & Resins division offers a broad range of raw materials for adhesives, architectural coatings, automotive coatings, construction, industrial coatings, nonwovens, printing and packaging, paper coatings and wood coatings. At BASF we create innovative technologies for our customers to help drive a sustainable future. Within the dispersion and resin industry BASF have developed new standards and processes in our production, product design and end of life management.

Biomass balance approach and bio-based binder

At BASF, we source feedstock for the production process of our biomass balance products from renewable waste-based biomass. By applying our biomass balance approach, we reduce the carbon footprint of our products.

Through an independent third-party audit, our Pasir Gudang production site in Malaysia and Shanghai production site in China were awarded the REDcert² site certification, and our biomass balanced products were certified. Based on this accreditation, we can offer our customers certified low CO₂ variant dispersions with identical product performance to the fossil product grades currently supplied from these production sites.

BASF also offers a biomass balanced binder that is based on raw materials from renewable biomass. This binder consists of approximately 30% bio-carbon content, reducing the output of CO₂ emissions into the atmosphere.



Production schematic for the manufacture of BASF biomass balance approach and Bio-based product.

Benefits of the biomass balance approach



Saves fossil resources



Reduces greenhouse gas emissions



Drives the use of renewable resources



Is independently certified



Ensures identical product quality and properties



Scan for more information on the **biomass balance approach** and the **REDcert² certificate** at Pasir Gudang

Acronal[®] ECO product ranges

As an industry pioneer, BASF offers an ideal solution for paint formulators to develop low volatile organic compound (low-VOC) paints with advanced functionalities to address the growing market needs.

The Acronal[®] ECO product range is formulated with low-VOC components and is produced using our unique production technology which helps to reduce VOCs and odor-causing chemicals.

Epotal[®] ECO 3702 products

BASF's Epotal[®] range of water-based compostable adhesives allows formulators to keep VOC emissions to a minimum. The low-VOC composition promotes optimal safety for employees and consumers with the added benefit of great stability throughout the application process. Epotal[®] ECO 3702 has a water-based solution which meets compostability standards so flexible packaging manufacturers can continue to improve the sustainability of their end products.

Joncryl[®] HPB 4K products

Joncryl[®] HPB 4K products were designed to meet consumer demand for improved recyclability of food packaging. Joncryl[®] HPB 4K has similar properties to the polyethylene impermeable membrane with the distinct benefit of being easily separable from a paper-based substrate at end-of-life. This means the paper packaging can be repulped and recycled, significantly reducing unnecessary waste in landfill.



Scan for more information on **Epotal[®] ECO 3702 products**



Scan for more information on **Joncryl[®] HPB 4K products**

