



We create chemistry

# Sustainability in eMobility 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.



## 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.

# eMobility in Australia and New Zealand

By 2030, there will be around 2.0 billion cars on the road worldwide. But growing mobility comes at a price: air pollution and carbon emissions impact the climate and our quality of life. eMobility is one of the key solutions that will help us achieve sustainable transport through a significant reduction of local emissions. While Australian electric vehicle registrations reached 14,253 at the start of 2020 - almost double the previous year - this represented less than 0.1 percent of total national fleet of 19.8 million. There are vast opportunities, this is where our chemistry comes in.

Chemistry is essential in making full-electric or hybrid cars convenient, safe and affordable. As the world's largest automotive supplier in the chemical industry, BASF helps to improve battery systems, supplies lightweight performance materials and advanced coatings to support eMobility.



**More on BASF's solutions for eMobility**



## Our advancements

Efficient, cost-effective storage of electrical energy in batteries determines the commercial success of electric cars. BASF has made significant investments in the research, development and production of battery materials and components, and become a world-leading supplier of high-energy density cathode active materials.

The successful implementation of eMobility needs the joint effort of the full value chain – mining, refinery, manufacturing of active battery materials, car producers and energy providers – in collaboration with scientists, universities, research institutions and political decision-makers to create a stable policy and technology framework.



**More on BASF's battery materials for eMobility**



**More on BASF's vision for battery value chain**

## BASF'S Virtual Car



**Scan to take a ride in our Virtual Car**



