

BASF

Creating Chemistry for a Sustainable Future

BASF creates chemistry for a sustainable future by combining economic success with environmental protection and social responsibility. Present in Singapore since 1978, BASF operates four production facilities as well as its Human Nutrition Application Lab Asia Pacific. In 2023, BASF posted sales of approximately €300 million to customers in Singapore and had 520 employees by year-end.



As a co-founder of the U.N. Global Compact, BASF continually contributes to the implementation of the United Nations' Agenda 2030. BASF's products, solutions, and technologies help achieve the U.N. Sustainable Development Goals (SDGs).

KEY SUSTAINABILITY TOPICS INTEGRATED IN THE ORGANISATIONAL AND MANAGEMENT STRUCTURES

By conducting a comprehensive materiality analysis, updated in 2023, BASF identified key sustainability topics significant to the company, its stakeholders, and the broader context in which it operates. These relevant topics at the group level are based on the three dimensions of materiality: environment, social, and governance. Under these dimensions, the topics include climate and energy, circularity and resource efficiency, waste, emissions to air, soil, and water, biodiversity, process safety, occupational health and safety, product stewardship, responsibility along the value chain, and business ethics.

Together with decentrally organised specialists, the BASF units Corporate Strategy & Sustainability and Corporate Finance are responsible for integrating sustainability into decision-making processes and for steering and reporting on sustainability topics. The Net Zero Accelerator unit plays a key role in achieving climate protection targets by accelerating and implementing projects related to low-emission production technologies, circular economy, and renewable energy. In addition to the central structures, every region, country organisation, and business unit has a dedicated team or person responsible for sustainability topics.

STEERING THE PRODUCT PORTFOLIO TOWARDS SUSTAINABILITY

BASF has developed an array of processes, tools, and systems to realistically and transparently convey the sustainability contribution of its products. The Sustainable Solution Steering (TripleS) method, updated in 2022, enables the steering of BASF's product portfolio by categorising products into five segments that consider sustainability-related aspects: Pioneer, Contributor, Stand-

ard, Monitored, and Challenged. Products in the Pioneer and Contributor segments make a positive sustainability contribution in the value chain and are summarised under the term Sustainable-Future Solutions. By 2030, more than 50% of BASF's sales relevant to TripleS are expected to be attributable to Sustainable-Future Solutions.

trinamiX's Plastic Identification Tool

trinamiX, a subsidiary of BASF, has developed an innovative handheld tool that uses near-infrared light to instantly identify more than 30 different types of plastic. Combining robust hardware with intelligent data analysis and an intuitive app, trinamiX's Mobile NIR Spectroscopy Solution allows users to easily sort plastic waste on the spot. At the push of a button, the handy tool delivers information about the identified sample to the user's mobile device. This helps sort plastics into clean material streams, enabling higher prices from plastic waste aggregators and recyclers.





In Singapore, the trinamiX NIR technology is already fully commercialised. In June 2023, trinamiX premiered the next-generation handheld NIR spectrometer at LASER World of PHOTONICS 2023.

COMMITMENT TO SINGAPORE'S GREEN PLAN 2030

BASF is committed to the Singapore Green Plan 2030, with goals to reduce absolute CO₂ emissions by 25% by 2030 and achieve net zero emissions by 2050 at all production sites. Key strategies include energy conservation, water efficiency, and evaluating renewable energy sources like solar power. BASF is also upgrading equipment and reviewing packaging and logistics to enhance sustainability.

The new BASF Singapore head office aims for Green Mark Certification, further supporting the SG Green Plan 2030. In Singapore, BASF supports the UN SDGs through initiatives focussed on Quality Education (SDG #4) and Sustainable Cities and Communities (SDG #11). Since 1983, BASF's Kids' Lab programme has reached around 300 children annually. Additionally, BASF raises awareness about the circular economy and waste management through regular beach clean-ups and partnerships with industry associations like the Alliance to End Plastic Waste and the Singapore Chemical Industry Council (SCIC).

AWARDED FOR SUSTAINABILITY EFFORTS

BASF has been recognised for its sustainability efforts by various organisations. For the business year 2023, the international organisation CDP awarded BASF Leadership status in the categories of climate protection, water management, and forest protection, with a rating of A- in each category. In 2023, MSCI ESG Research awarded BASF an A rating, and BASF achieved Prime status (B-) in the ISS ESG rating, placing it in the top 10% of the companies assessed.



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