UN SUSTAINABLE DEVELOPMENT GOALS: WHO’S MAPPING AND WHY?

17 Goals to Transform Our World

1. No Poverty
2. Zero Hunger
3. Good Health and Well-being
4. Quality Education
5. Gender Equality
6. Clean Water and Sanitation
7. Affordable and Clean Energy
8. Decent Work and Economic Growth
9. Industry, Innovation, and Infrastructure
10. Reduced Inequalities
11. Sustainable Cities and Communities
12. Responsible Consumption and Production
13. Climate Action
14. Life Below Water
15. Life on Land
16. Peace and Justice, Strong Institutions
17. Partnerships for the Goals

For business, the SDGs can help identify product demand, identify opportunities in emerging markets, manage risks and develop successful collaborations across the value chain – while helping to build a better, more stable operating environment and increasing public trust.

10 SDG’S selected by SABIC

The SDGs provide us with a lens through which to translate global needs and ambitions into business solutions.

Source: United Nations
Resource Efficiency
SABIC’s ambitious goals are to reduce Material Loss intensity 50% and Water Intensity 25% by 2025 since 2010.

Climate Change & Energy
SABIC’s ambitious goals are to reduce GHG and energy intensity 25% by 2025, from 2010 levels.

Innovation & Sust. Solutions
Sustainability is the guiding light for SABIC’s product and process innovation – to support the development of effective solutions to some of the world’s greatest challenges.

Circular Economy
Circular economy inspires SABIC to adapt our processes to the use of renewable and recycled feedstock, and to create durable, recyclable product design solutions for our customers.

Environment, Health, Safety
SABIC is committed to our core EHSS values, with a supportive culture and focus on continuous performance improvement.

Governance & Integrity
Integrity is a core value and helps to maintain stakeholder trust. SABIC’s Code of Ethics provides guidance to meet stakeholder expectations.

* Baseline is year 2010 / Retain intensity targets 2010 -2025 based on external Sales
SABIC INNOVATION ECOSYSTEM
BRIDGING THE GAP BETWEEN RESEARCH AND THE MARKETPLACE

From technology user to technology producer
INCI DI ATIVES THROUGH TECHNOLOGY & INNOVATION

CIRCULAR CARBON ECONOMY

ICEHOUSE™

The Circular Economy utilizes product design with materials that contribute to energy conservation and are recoverable, reusable and recyclable.

TRUCIRCLE™

Plastic waste to feedstock for petrochemicals - Certified Circular polymers through chemical recycling

At the forefront of plastic waste management
Founding member of the World Plastic Council and Alliance to End Plastic Waste
WORLD’S LARGEST CO2 PURIFICATION AND LIQUEFACTION PLANT

BUILT AT SABIC’S AFFILIATE, UNITED

Supplying CO₂ for converting into valuable chemicals

- Urea
- Methanol
- Oxo-alcohol

For applications in the food and beverage industry

500,000 MT

annually of CO₂ can be purified

Continues to recover more CO₂ as feedstock for valuable products such as urea, methanol and liquid CO₂ for the food industry
WEF INITIATIVE ON LOW CARBON EMITTING TECHNOLOGIES

• The Governors Community of Chemistry and Advanced Materials at the World Economic Forum kicked off in January 2019 the initiative of Low Carbon Emitting Technologies (LCET)

• SABIC CEO is one of the 12 WEF Governors

• The objective is to accelerate the development and upscaling of LCET for chemical production towards a marked reduction in greenhouse gas (GHG) emissions in the chemical industry

• Electrification is one of the clusters to address technology, regulatory, funding, market and collaboration challenges to accelerate their deployment.

• Renewable Energy is a pre-requisite for Electrification
Classification: Confidential

TRUCIRCLE™ CASE STUDIES

TRUCIRCLE™:
SABIC’s new portfolio and services for circular solutions

- DESIGN FOR RECYCLABILITY
- MECHANICALLY RECYCLED PRODUCTS
- CERTIFIED CIRCULAR PRODUCTS
- CERTIFIED RENEWABLE PRODUCTS

CLOSING THE LOOP AND CREATING A CIRCULAR ECONOMY OF PLASTICS
The Circular Economy utilizes product design with materials that contribute to conserve energy and are recoverable, reusable and recyclable.

**CONSTRUCTION: Driving cutting-edge building designs**

- 50% **energy savings** thanks to transparency and insulation
- 250% times impact resistance and ease to reuse: **durability**
- 50% weight savings: **resource efficiency**
- 100% **recyclable**
THANK YOU