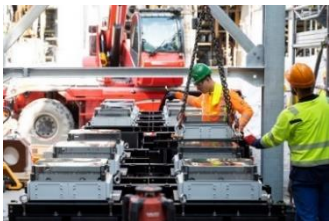


SABIC ESG UPDATE

Q3-2023



Final steps in the construction of the demonstration plant for electrically heated steam crackers

Joint project passes important milestone with the installation of the last transformers

[>> Page 1](#)

Partnering with EV winners



SABIC materials in applications on the GENBETA car, a revolutionary electric race car

[>> Page 2](#)



Expansion of NORYL™ resin portfolio

SABIC introduces bio-based versions of all NORYL™ resin grades

[>> Page 3](#)

SABIC Quarterly ESG Update

MAJOR HIGHLIGHTS DURING Q3-2023

SUSTAINABILITY & INNOVATION

Reaching final steps in the construction of the demonstration plant for electrically heated steam crackers

The joint project between SABIC, BASF, and Linde to build the world's first electrically heated steam cracker furnaces passed an important milestone recently with the installation of the last transformers for the demonstration plant. This is one of the final and most crucial steps of the construction and has taken place about a year after construction started. Completion is scheduled for the end of 2023, followed by a stepwise commissioning.



Enabling **90% CO₂ emission reduction** compared to conventional technologies

 [Find out more](#)



Chemically recycled plastic waste turned into certified circular polymers for the first time in the Middle East



Aramco, TotalEnergies, and SABIC successfully manufactured the Middle East's first certified circular polymers from the pyrolysis oil derived from the chemical recycling of plastic waste. The pyrolysis oil was processed at the SATORP refinery jointly owned by Aramco and TotalEnergies, and it was then used as a feedstock for polymers manufactured by SABIC-affiliate Petrokemya.

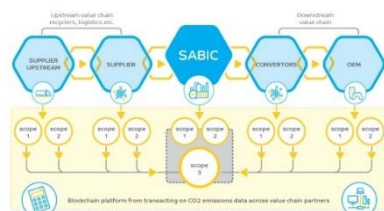
 [Find out more](#)

SABIC collaboration with the Alliance to End Plastic Waste highlighted in 2022 progress report

The Alliance to End Plastic Waste has recently published its third annual progress report. The report highlights progress driven by the Alliance, of which SABIC is a founding member, and members' contributions across four strategic pillars—infrastructure, innovation, education & engagement, and cleanup—to accelerate circular plastics.



 [Find out more](#)



 [Find out more](#)

Pilot project evaluates the use of blockchain for tracking carbon emissions along product's value chain

The project will test Circularise's blockchain technology as a means to acquiring data for the calculation of scope 3 CO₂ emissions in a way that respects the confidentiality of every company in a value chain.



ADM and BiOWiSH Technologies collaborate with SABIC Agri-Nutrients in pilot project related to bio-enhanced urea

Midwestern U.S. farmers will cultivate 50,000 acres using SABIC Agri-Nutrient's bio-enhanced urea, ADM's financial and technical support, and BiOWiSH Technologies' field support and data analysis. The aim is to better understand the carbon-emission reductions and crop-production increases that can be achieved with bio-enhanced urea.



 [Find out more](#)

SABIC Quarterly ESG Update

New GENBETA car developed by Formula E and its innovation partner SABIC shatters Guinness World Records™ title

SABIC's innovation efforts are demonstrated in the high-end strategic collaboration with Formula E, as the innovative partner to develop GENBETA, a revolutionary electric race car. The design development of innovative parts of the car draws on an still-expanding portfolio of thermoplastics developed under dedicated solution platforms for electrification (BLUEHERO™) and the circular economy (TRUCIRCLE™).



[Find out more](#)

NEW PRODUCTS IN THE MARKET



[Find out more](#)

Compounds show suitability for automotive radar systems

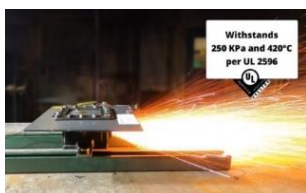
SABIC is expanding its specialty materials portfolio with new LNP™ STAT-KON™ compounds to help improve advanced driver assistance systems (ADAS) radar and improve safety, because of their radar-absorbing properties. The compounds help to reduce the radar “noise” that limits the systems’ performance. The award-winning LNP™ STAT-KON™ WDF40RID compound exhibits high Absorption (up to 75% at 77 GHz) and controlled reflection (as low as 25% at 77 GHz), which together can significantly reduce noise.

In-mold labeling (IML) for food packaging containers achieved with certified renewable polymers

SABIC partnered with three specialist companies to demonstrate a method for using certified renewable resins in the labeling of high-quality, thin-wall container packaging without compromising quality, ease of processing, safety or convenience. The IML labels are supplied to Kotronis, a business specializing in injection molded containers for food products.



[Find out more](#)



[Find out more](#)

Polymer for electric-vehicle battery systems receives independent verification of its thermal and mechanical performance

The STAMAX™ 30YH570 resin earned the “Underwriters Laboratories (UL) Verified” mark for its fire-safety performance. This 30% glass-fiber-reinforced copolymer is offered as part of SABIC’s BLUEHERO™ electrified-transport ecosystem. It is the first polymer used in electric-vehicle battery systems to receive UL verification.

Two new resins introduced for sheet extrusion and thermoforming

Resins PP H1090 and STAMAX™ 30YH611 offer alternative materials for sheet stamping as well as compression and injection molding. The products are 30% glass-fiber-reinforced, flame-retardant polypropylene materials. They are offered as part of SABIC’s BLUEHERO™ ecosystem of solutions for the electrification of land transport.



[Find out more](#)

SABIC Quarterly ESG Update

SABIC introduces bio-based versions of all NORYL™ resin grades

SABIC introduced the new offering of bio-based versions of all NORYL™ resin grades to further advance the bioeconomy of plastics. The bio-based versions are certified under the certification scheme Sustainability & Carbon Certification Plus (ISCC+). NORYL™ resin grades are used in emerging markets in solutions for wind energy and EV batteries – and essential industries like water management, building and construction, and automotive. The availability of bio-based versions increases choice for customers.



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CORPORATE NEWS & BUSINESS GROWTH



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Low-carbon urea shipped for the first time

SABIC Agri-Nutrients delivered a consignment of low-carbon urea for the first time, marking a significant step for the company and the industry's efforts towards net zero. The urea was made from ammonia that had received the world's first independent certification of its low-carbon production method. The consignee of the 2,700-ton shipment was Ravensdown, a New Zealand based agricultural co-operative.

R&D World magazine presents awards to one of SABIC's new resin grades and its EVP Sustainability, Technology & Innovation, Bob Maughon

The award-winning material is an LNP™ ELCREST™ polycarbonate-based copolymer particularly suited for 1.5 kilovolt solar-panel systems. It received an R&D 100 award, which is given to new commercial products deemed to be technologically significant.



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SABIC successfully completes compliance program run by the General Authority for Competition

SABIC was the first petrochemical company in the Kingdom of Saudi Arabia to obtain the compliance program completion certificate in recognition of the effectiveness of its governance procedures.

Disclaimer: This report is based on data available to SABIC at the time it was undertaken and reflects SABIC's current view of future events. The report relies on assumptions and forecasts that may change over time, leading to potential variations in future results. Please note that these analyses were conducted by SABIC on specific dates and SABIC reserves the right to change any of the information stipulated herein without prior notice. There is no obligation on SABIC to revise or update the report. Any use of the report is at the sole risk of the recipient, SABIC does not guarantee the accuracy of the information provided herein, and SABIC shall bear no responsibility or liability for, and disclaims any and all warranties regarding the recipient's reliance on the report.