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Saudiâ??s SABIC Solutions win 5 Edison Awards for innovations

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Saudi Arabiaâ??s SABIC Solutions has been awarded five of the prestigious Edison Awards 2023 for its innovative solutions, designed to meet the needs of its customers and the broader value chain, and as well aligned with SAUDI Vision 2030. This is the third year in a row SABIC's solutions have been recognised by Edison Awards, which honour the world's most innovative new products, services, and business leaders, and this is the second year in a row that SABIC received at least five Edison awards.Â

SABIC won 3 gold and 2 bronze awards across three separate areas for its new products and solutions. These areas include â??Food and Agricultureâ??, â??Material Scienceâ?? and â??Sustainability.â??Â These awards reflect SABIC's commitment to pushing the limits of science, technology and innovation and defining the future of chemistry that allows SABIC and its customers to address some of the world's biggest challenges.

"SABIC is proud to be recognised for the third consecutive year by Edison Awards, demonstrating our continued leadership in new technology and innovation advancements. These are key elements of our continued business growth on our journey to be the preferred world leader in chemicals and provide innovative solutions for the future that create a more sustainable world," saidÂ Abdulrahman Al-Fageeh, CEO at SABIC.

Notably, for its sustainability contribution, the Edison Awards recognised SABIC's collaboration in the innovative development of a frozen food packaging solution that uses recycled ocean-bound plastic.Â Recognised as a gold award winner within the

â??Green Remediationâ?? category, the solution uses SABIC's TRUCIRCLE-certified circular polyethene from feedstock sourced from post-consumer plastic waste recovered from ocean feeding areas and rivers. The solution was designed in collaboration with the manufacturer of flexible film products, Polivouga and the brand owner Nueva Pescanova Group, who specialise in products like frozen seafood, making it a genuinely circular product.

In the â??Food and Agriculture Advancementsâ?? category, SABIC was recognised as a gold award winner for its Blue Urea solution, a sustainable, low-carbon nitrogen fertiliser. SABIC Agri-Nutrients produced the product using ammonia that has a zero-carbon footprint andÂ recently achievedÂ the world's first independent certification for blue ammonia production. The third-party certification was made by TÃ?V Rheinland, a leading independent testing, inspection, and certification agency. To be certified as â??blueâ??, a significant part of the CO2Â associated with the manufacturing process needs to be captured and utilised in downstream applications.Â

Also, in the food and agriculture area, the Edison Awards bestowed a bronze award on SABIC's Next Generation Fertiliser which increases crop yield while reducing the need for large amounts of fertiliser. The unique multi-nutrient foliar fertiliser was developed with crop yield-building and protecting components in a single formula to provide nutrition and stress protection to plants. SABIC studies on the formulation have shown an improvement of up to 17 per cent in yield with up to 25 per cent reduction in fertiliser use.