**SCG Chemicals Accelerates Advanced Recycling, Turning Post-Consumer Plastics into Recycled Feedstock, and Partners with TOYO to Study and Expand Manufacturing Capacity of Recycled Feedstock to Meet Future Market Demand**

**Bangkok: SCG Chemicals revealed its progress toward “Chemicals Business for Sustainability” by advancing the business based on the ESG (Environmental, Social, and Governance) approach. Circular Plas, a joint venture between SCG Chemicals and Technology Start-up, recently partnered with TOYO Engineering Corporation, one of the world's leading engineering companies, and signed a Memorandum of Understanding (MoU) to study the feasibility of expanding the manufacturing capacity of advanced recycling technology, which transforms post-consumer plastics into recycled feedstock that can be reproduced into new plastic resin while maintaining its quality according to international standards. The collaboration will promote resource efficiency, tackle waste issues in the country, and contribute in another way to global warming reduction.**

**Tanawong Areeratchakul**, **CEO and President of SCG Chemicals,** said**,** “SCG Chemicals accelerates the development of innovation and recycling technology based on the circular economy to meet the sustainable business and environmental needs in line with the ESG (Environmental, Social, and Governance) approach. The collaboration between Circular Plas and TOYO Engineering is a joint effort to explore the feasibility of scaling the process with Advanced Recycling technology to enhance production capacity to meet future market demand. This technology will convert post-consumer plastics that have not been properly sorted into recycled feedstock, which will then be reproduced into recycled plastic resins of equivalent quality to virgin plastic resins. Advanced Recycling technology will encourage the circular economy's effective use of resources and eliminate landfills, while also reducing greenhouse gas emissions from waste burning.”

**Haruo Nagamatsu, President and CEO of TOYO Engineering Corporation**, revealed, “TOYO is committed to delivering engineering expertise for sustainable growth for people in the society in keeping with its mission: Engineering for Sustainable Growth of the Global Community. The partnership between TOYO Engineering and SCG Chemicals marked a significant milestone in driving the mutual goal of sustainability and vision to accelerate plastic recycling and bring useful materials with varying properties back into the recycling process and repurpose them based on the circular economy. The collaboration will explore the feasibility of increasing manufacturing capacity for maximum efficiency and effectiveness.”

In early 2021, Circular Plas established Thailand's first demonstration plant which was constructed in Rayong's plant area, and in September, the Advanced Recycling technology of Circular Plas was certified "ISCC PLUS" by the International Sustainability and Carbon Certification (ISCC), which recognizes organizations that practice sustainable management and development throughout their supply chain. Circular Plas Co., Ltd of SCG Chemicals is the first company in Thailand to be certified in the advanced recycling category.

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