***Press Release***

**Chemicals Business, SCG, Unveils Chemical Recycling Technology that Turns Post-Consumer Plastics into Renewable Feedstock for Petrochemical Plants, Sets to Start-up Thailand’s First Demonstration Plant**

**Bangkok — 28 January 2021: Chemicals Business, SCG, has set its circular economy roadmap in motion toward “Chemicals Business for Sustainability”. It has recently unveiled its chemical recycling technology that can turn post-consumer plastics into renewable feedstock for petrochemical plants. It has set out to start-up Thailand’s first demonstration plant to bring about a sustainable solution for post-consumer plastic management and harness renewable feedstock for its upstream petrochemical plants.**

**Mr. Tanawong Areeratchakul, President of Chemicals Business, SCG,**revealed the progress of the circular economy roadmap, “Chemicals Business has aligned our business practices with sustainable development where innovation and plastic recycling technologies are identified as key drivers. In 2021, our circular economy roadmap comprises four major areas:

1. **Design for Recyclability,**i.e., developing innovative plastic resins and solutions to enhance recyclability while maintaining all of their physical properties.
2. **Post-consumer recycled resin (PCR)**
3. **Chemical Recycling, i.e.,**production of renewable feedstock for the petrochemical industry
4. **Development of bioplastics**

The roadmap covers an entire range of supply chain from plastic resin design, which aims to minimize resource usage yet maintaining the effectiveness of the material, to post-consumer plastic recycling with advanced technologies and innovations.

The roadmap’s latest progress is **the development of chemical recycling technology that turns post-consumer plastics into renewable feedstock for virgin plastic resin production**. The achievement is in line with the circular economy and sustainability goals. This advanced technology utilizes catalyst to promote energy saving and environmental friendliness for the recycling process, e.g., lower process temperature and will help improve Thailand’s domestic plastic waste management. Chemicals Business has constructed Thailand’s first demonstration plant in its complex in Rayong. The demonstration plant will produce approximately 4,000 tons of renewable feedstock per year. The capacity expansion plan is at hand.

For this development, Chemicals Business has partnered with a technology startup to co-develop the recycling technology and co-establish **Circular Plas Co., Ltd.** to operate plastic recycling business using chemical recycling process. **A subsidiary of Chemicals Business, SCG, holds a 60% stake while the partner holds the remaining 40% stake.**

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