

Press Release

Chandra Asri Supports Waste Management Through Circular Economy Concept

Intervention and collaboration are needed from all stakeholders to implement waste management using circular economy concept, supported by technology and innovation

Jakarta, 21 February 2022 - Waste is still seen as the biggest challenge in environmental management in Indonesia. According the Ministry of Environment and Forestry, Indonesia produced 67.8 million tons of waste in 2020, which means one person produces around 0.68 kilograms of waste per day. The largest waste contributor comes from households, which is 37.3%. Waste from traditional markets contributed as much as 16.4%, around 15.9% contributed by the region and 14.6% came from other sources.

Contributing to better waste management in Indonesia, PT Chandra Asri Petrochemical Tbk (Chandra Asri) collaborated with Dini Trisyanti, Director of Sustainable Waste Indonesia (SWI) and Dr. Eng Astryd Viandila Dahlan, an Academic who also serves as a Lecturer at Faculty of Civil and Environmental Engineering University of Indonesia to speak in a webinar themed "Waste Management in Indonesia Based on Circular Economy". This activity is held in commemoration of the 2022 Indonesia's National Waste Awareness Day (HPSN), and aims to raise public awareness about the importance of waste management, especially plastic waste using circular economy concept.

The Director of SWI, Dini Trisyanti said, "The waste problem in Indonesia, especially plastic waste, can be solved in collaboration with all Stakeholders involved in the waste value chain, starting from the upstream, midstream, to downstream. In addition, technology and innovation support is also needed, and it is important to create an ecosystem for the waste collection community and waste bank to be integrated with the Recyclers. The problem is that plastic waste is still found mixed with other waste. In addition there are many types of plastic that are low in value due to limitations in technology, market, and low collectability. Therefore, while it is important for sorting waste at the source, the government and industry players need to develop technology and business models to overcome the issue."

The pattern of waste management in Indonesia has also begun to be encouraged to transition from the concept of a linear economy to a circular economy.

Academic from the University of Indonesia, Dr. Eng Astryd Viandila Dahlan explained, "Through the circular economy, waste is processed back to its source or into other value-added products. Therefore, the community's paradigm of waste management has started to change. Segregation of waste from the source can increase the amount of waste that can be recycled so that the potential for recycling will also grow. This can foster a circular economy orientation in the waste management sector. To change people's behavior, then education, assistance and infrastructure provision are needed from stakeholders in waste management."

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In its role addressing plastic waste problem, Chandra Asri puts forward circular economy concept which aims to maximize the use of materials in a circular manner to minimize waste production by recovering and reusing as many products and materials as possible, systemically, and repeatedly.

Director of Chandra Asri, Edi Rivai said, "As a reliable growth partner, we actively collaborate with stakeholders in creating sustainability programs to address the problem of plastic waste. We are continuing our flagship program, Plastic Road, and are ready to synergize with more partners. We also develop an integrated waste management facility, IPST Asari in Cilegon, and support DKI Jakarta Government's program, the Jakarta Recycle Center. It is hoped that more and more parties will participate in the initiative to jointly support the Government of Indonesia in achieving its waste management goals."

In commemoration of 2022 Indonesia's National Waste Awareness Day, Chandra Asri started an internal campaign #NabungSampahPlastik to encourage its employees to sort waste from home and reduce waste that ends up in Final Disposal Sites (TPA). The collected waste will be managed and processed by a third party to turn it back into raw materials and other useful products. This campaign will last for one year and the total waste collection will be announced on 2023 during the Indonesia's National Waste Awareness Day.

About Chandra Asri Petrochemical

Chandra Asri Petrochemical is Indonesia's largest integrated petrochemical company producing olefins and polyolefins. With a history of over 29 years and over 2000 dedicated staff, the company incorporates state-of-the-art technologies and supporting facilities located strategically in the country's petrochemical hub, Cilegon and Serang. As a Growth Partner, Chandra Asri is committed on creating high-value jobs, expanding the domestic petrochemical value chain, and serving the needs of the vibrant and growing Indonesian market. For more information, visit: www.chandra-asri.com

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