

Press Release

CAP Supports Community-Based Waste Management Industry

Cilegon, 12 September 2019 - PT Chandra Asri Petrochemical Tbk (CAP) inaugurates waste recycling facility, known as Zero Waste Management Industry (IPS Masaro for short) as the initial step in fostering circular economy concept aimed at extending waste end-of-life and repurposing waste. Located in Cilegon, Banten, IPS Masaro will process household waste from approximately 1000 families, with waste segregation conducted by the members of families at home. Separated waste will be exchanged with incentives of daily household products obtained at the Masaro facility regularly.

“Through IPS Masaro, we want to encourage the community to change the old conventional way of waste disposal, collect-transport-throwaway to segregate-transport-process, where all waste collected is processed leaving zero waste. With this type of facility, hopefully there is no need to send waste to the landfills,” explained Suryandi, Director of CAP.

Organic waste will be processed into liquid fertilizer and mulch, meanwhile the non-organic waste with economic value will be processed in and sold to the recycling industry. Waste with no economic value will go into an incinerator, where plastic waste is processed into fuel in high temperature, and into pyrolysis machine which also produces fuel in smaller scale. The fuel is then sold for community consumption, and used to power the facility’s waste transport motorcycle and other machinery. This way, all waste coming into IPS Masaro can all be managed and utilized, leaving no waste and avoiding environment pollution.

Among the three pyrolysis machines in IPS Masaro, one gas-fueled machine is a modification by an 11th grade volunteer named John Leiman from Jakarta Intercultural School. CAP welcomes and appreciates John’s enthusiasm and contribution, through his work with the smaller scale pyrolysis machine in IPS Masaro.

With a solid partnership among Indonesia Olefin, Aromatic and Plastic Industry Association (INAPLAS), Institut Teknik Bandung (ITB), the regional government and the local communities in implementing Masaro, CAP would like to help build better waste segregation behaviour. Masaro also serves as a pilot project of zero waste area that hopefully can be replicated elsewhere as one of the solutions to waste management challenges in Indonesia. ***

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About CAP

CAP, a subsidiary of PT Barito Pacific Tbk as the majority shareholders, is Indonesia's largest integrated petrochemical company producing olefins and polyolefins. CAP incorporates state-of-the-art technologies and supporting facilities located in Cilegon and Serang of Banten Province. CAP is the only producer who operates a naphtha cracker, and is the sole domestic producer of ethylene, styrene monomer and butadiene. In addition, CAP is also the largest polypropylene producer in Indonesia. CAP produces plastic raw materials and chemicals used for packaging products, pipes, automotive, electronics, etc. For more information, please visit www.chandra-asri.com.

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