

Chandra Asri Petrochemical Inaugurates Plastic Asphalt Road

Plastic asphalt road is part of the company's sustainability programs, a method considered as one of Indonesia's waste management solutions

Cilegon, 3 July 2018 – PT Chandra Asri Petrochemical Tbk (CAP) is committed to support the government's goal to reduce 70 per cent of plastic waste by 2025. CAP and the Ministry of Public Works and Public Housing (PUPR) inaugurates plastic asphalt project located in the company's plant in Cilegon, Banten.

The plastic asphalt stretched on a 6.372 m² area, is made of regular asphalt mixed with 5-6 per cent plastic waste weighing around 3 tonnes. According to a research conducted by the Ministry of PUPR, the plastic waste mixture can increase resistance level of asphalt deformation.

"We are fully committed to sustainability and eager to contribute to the effort of reducing plastic waste in Indonesia. Mixing plastic waste with asphalt can be one of the solutions to plastic waste problems in Indonesia," said Erwin Ciputra, CAP President Director. "We will also support the Ministry of Public Works and Public Housing and other relevant Ministries to further study the effectiveness and usefulness of the plastic asphalt," Erwin added.

CAP receives technical support from the Ministry of PUPR during the development of plastic asphalt road. The Ministry has previously implemented this program in other cities such as: Bekasi, Bali, Makassar, Solo, Surabaya, and Tangerang. CAP is using plastic bag waste, from High Density Poly-ethylene (HDPE), in the asphalt mix.

Plastic waste is an additional component complementary to the asphalt mix. With an ideal composition, the addition of plastic component can increase asphalt mix' stability up to 40 per cent which ultimately increases its durability and make it less prone to cracking.

CAP also works hand-in-hand with Indonesian Olefin, Aromatic and Plastic Industry Association (INAPLAS) and Indonesian Plastic Recycle Association (ADUPI) to provide scrap plastic for the asphalt mix.

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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