

Press release

For immediate release

Djarum collaborates with Chandra Asri to hold plastic asphalt in Kudus, a form of sustainable plastic waste management

Thursday, 8 April 2021 – The involvement of private sector in supporting the Indonesian Government in solving the plastic waste problem is very important. Plastic waste has a high economic value if the waste is segregated and managed properly, making it important for all parties and society to take their respective roles.

This time, PT Djarum in collaboration with PT Chandra Asri Petrochemical Tbk (Chandra Asri) has rolled out asphalt with plastic waste in its mixture in Djarum factory area in Kudus, Central Java. The total paving area is 39,000 m² and utilizes a mixture of 7.1 million pieces of plastic waste. The plastic waste used is plastic shopping bags made from HDPE (High Density Polyethylene), a type commonly used for plastic shopping bags. This plastic asphalt project is the Government of Indonesia's program through the Ministry of Public Works and Housing which has been promoted in recent years.

"Cooperation of many parties is needed to overcome the plastic waste problem. What PT Djarum and Chandra Asri have done is an example that we can all collaborate to help tackling waste problem. I certainly hope that in the future there will be more parties involved in tackling waste problem," said **Acting Regent of Kudus, Hartopo**.

"PT Djarum is proud of the success of the paving project utilizing plastic waste; what Chandra Asri and PT Djarum have done is an example that we can all collaborate to help tackling waste problem for a sustainable life," said **Purwono Nugroho, Senior Manager Corporate Affairs PT Djarum**.

Edi Rivai, Vice President of Corporate Relations & Sustainability Chandra Asri said, "The partnership between Chandra Asri and Djarum is a proof of our joint commitment in preserving the environment by managing plastic waste, which has an economic value, into an asphalt mixture. Chandra Asri has previously collaborated with the municipal governments of Cilegon, Tegal, Semarang and educational institutions such as the Universitas Indonesia in Jakarta and Universitas Dian Nuswantoro in Semarang in applying plastic asphalt. We hope that other private

companies will also continue to support this effort and collaborate together in dealing with Indonesia's plastic waste problem."

Asphalt with plastic in its mixture, according to a study conducted by the Ministry of Public Works and Housing's Roads and Bridges Research and Development Center (Pusjatan), has a 40 percent increase in durability. Djarum and Chandra Asri were also working with the Indonesian Plastic Recycling Association (ADUPI) for the supply of plastic waste used in this project.

About Chandra Asri

Chandra Asri Petrochemical is Indonesia's largest integrated petrochemical company producing Olefins and Polyolefins. With a history of over 27 years and over 2,000 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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