

Press Release

Sinar Mas Land and Chandra Asri Group Inaugurate the Collaboration of Asphalt Road Construction with Plastic Waste Mix in BSD City

BSD City, December 13, 2023 – Data from the National Waste Management Information System (SIPSN) of the Ministry of Environment and Forestry (KLHK) states that the input data from 310 regencies throughout Indonesia shows that the national waste pile reached 36.1 million tons per year in 2022. Out of this total national waste production, 64.01% (23.1 million tons per year) can be managed, while the remaining 35.99% (13.02 million tons per year) is still not properly handled. To overcome problems related to waste production, especially plastic waste, suitable solution methods are needed, one of which is to implement the concept of a circular economy that can provide benefits for society, businesses, and the environment.

Sinar Mas Land continues its commitment in providing innovative solutions for development which is sustainable and environmentally wise. Therefore, Sinar Mas Land is partnering with PT Chandra Asri Petrochemical Tbk (Chandra Asri Group) to develop circular economy-based infrastructure through the application of plastic asphalt road at BSD City since 2021. By the end of 2023, the two companies will successfully complete an 8.6 kilometer asphalt plastic road in BSD City area. This initiative is equivalent to utilizing 164.2 million pieces of plastic low value or the equivalent of diverting 410.57 tons of plastic low value waste from the landfill. The collaboration between Sinar Mas Land and Chandra Asri Group has also achieved a milestone by making the BSD City area the first township in Indonesia to utilize plastic asphalt.

Acting Regent of Tangerang - Andi Ony Prihartono said, "It is an honor for us in the Tangerang Regency to be selected by the Ministry of Public Works and Public Housing as a model for the implementation of asphalt with a mixture of plastic waste. Thank you to Sinar Mas Land and Chandra Asri Group for developing the plastic asphalt program; it is truly an achievement for us in the Tangerang Regency. The application of asphalt with a mixture of plastic waste is not only an innovation in sustainability but can also become a new milestone for infrastructure development in the Tangerang Regency. Of course, I hope that this activity can be implemented on main roads and other streets in the Tangerang Regency. We appreciate innovative technological breakthroughs as a manifestation of our joint commitment to progress, producing sustainable solutions, and preserving the environment for future generations."

Director of Technical Development of Roads and Bridges at the Ministry of Public Works and Public Housing (PUPR) - Yudha Handita Pandjiriawan said, "PUPR has conducted research on Plastic Asphalt in 2017, and we appreciate the Chandra Asri Group for initiating its application in 2018 on the factory road in Cilegon. Moreover, Chandra Asri is currently collaborating with Sinar Mas Land for the implementation of plastic asphalt. Hopefully, this can set an example for other property companies in the future, so that we can collectively address the issue of plastic waste."

Managing Director President Office Sinar Mas Land - Dony Martadisata explained, "In our commitment to supporting environmental conservation efforts in Indonesia, Sinar Mas Land understand the urgency

of real action to overcome the challenges of environmental change. We believe that plastic waste management is one of the issues that requires a structured solution. The collaboration between Sinar Mas Land and Chandra Asri Group is a tangible proof of creating sustainable development. The implementation of plastic asphalt in BSD City is not just a technological innovation, but also aimed at supporting eco-friendly infrastructure development and is expected to empower local communities in building a positively impactful circular economic model. In the future, we hope that the application of plastic asphalt in BSD City will not stop until this area, but we will also look for new opportunities so that this plastic asphalt road can be used in other Sinar Mas Land projects."

Director of Legal, External Affairs & Circular Economy of Chandra Asri Group - Edi Riva'i said, "Chandra Asri Group remains committed to addressing the issue of plastic waste through the circular economy concept. One of our initiatives is to initiate the use of plastic waste as a mixture in asphalt through a multi-stakeholder collaboration approach, which is in line with our commitment at the Our Ocean Conference 2018 to implement 100 kilometers of plastic asphalt by 2023. We are delighted to collaborate with Sinar Mas Land to implement our mission in using plastic asphalt as an effort to reduce plastic waste ending up in landfills. The success of the plastic asphalt project in BSD City reaffirms that every stakeholder plays a crucial role in addressing the plastic waste issue in Indonesia. We hope that what Sinar Mas Land and Chandra Asri Group have accomplished can inspire more institutions to proactively and actively adopt Plastic Asphalt."

Since 2018, Chandra Asri Group has been implementing asphalt with plastic waste mixtures through the 'Plastic Asphalt for Beautiful Indonesia' or '*Aspal Plastik untuk Indonesia Asri*' program, in collaboration with other stakeholders. This program is part of Chandra Asri Group's efforts to implement a circular economy model. For further information, Chandra Asri Group has held asphalt events mixed with low value plastic waste in various cities in Indonesia such as Cilegon, Tegal, and Semarang collaborates with the local government. Hence, Chandra Asri has also collaborated with educational institutions, namely University of Indonesia in Depok and Dian Nuswantoro University in Semarang. Until September 2023, the total length of asphalt plastic roads by the Chandra Asri Group and partners is 87.4 km with 751.9 tons of low value plastic waste has been successfully managed from the landfill. (*)

About Sinar Mas Land

Sinar Mas Land is a property developer in Indonesia with more than 50 years of experience. Sinar Mas Land has developed more than 50 projects in Indonesia. Sinar Mas Land's success in developing property and real estate in Indonesia has also been recognized by independent and credible institutions by obtaining various prestigious international awards such as the MIPIM Award in France (2018), ASEAN Energy Awards (2019), Asia Pacific Property Award (2021), Cambridge IFA's Global Good Governance Award (2021), and FIABCI World Prix d'Excellence Awards (2022).

With the support of a solid management team, Sinar Mas Land is known as an independent city developer (through BSD City Development) and a pioneer in developing the cluster/clustered residential concept. Apart from that, Sinar Mas Land is also a pioneer in developing the innovative Strata Mall/Trade Center (ITC) project in Indonesia. Sinar Mas Land is listed on the Indonesia Stock Exchange as PT Bumi Serpong Damai Tbk, and on the Singapore Stock Exchange.

Sinar Mas Land has strong strategic partners such as Sojitz Japan, Aeon, Itochu, Mitsubishi Corporation, Hongkong Land and local partners such as Kompas Gramedia and Kalbe. For further information, please visit: www.sinarmasland.com.

About Chandra Asri Group

Chandra Asri Group is a leading chemical and infrastructure solutions company in Indonesia. With a track record of more than 31 years in petrochemical industry and employing more than 2,000 dedicated staff, the company combines state-of-the-art technology and supporting facilities strategically located in the industrial centers of Cilegon and Serang. As a Growth Partner, Chandra Asri Group is committed to creating high-value jobs, expanding the domestic chemical value chain, providing infrastructure solutions and serving the needs of the dynamic and growing Indonesian market. Chandra Asri Group is currently expanding its investment portfolio in the energy sector and combining its assets and operational infrastructure to support the planned expansion of Indonesia's second world-scale integrated petrochemical complex, CAP2. For further information, visit: www.chandra-asri.com.

For further information, please contact:

Atikah Sunarya
Vice President of Corporate Communications
Sinar Mas Land
Tel : 021- 50 368 368
Email : atikah.sunarya@sinarmasland.com

Chrysanthi Tarigan
Head of Corporate Communications
Chandra Asri Group
Tel : 021-530 7950
Email : corporate.comm@capcx.com