

Press Release

## Chandra Asri Group, ASECH, and Jimbaran Hijau Inaugurate Plastic Asphalt Road Showcase

*Multi-Stakeholder Collaboration for the Development of a Plastic Asphalt Learning Center with a Circular Economy Concept to Support the Development of Smart and Sustainable Cities*

**Bali, June 12, 2024 – PT Chandra Asri Pacific Tbk (Chandra Asri Group)**, a leading chemical and infrastructure solutions company in Indonesia, in collaboration with the **ASEAN Center of Excellence on Smart City (ASECH)** and **Jimbaran Hijau**, inaugurated the **National Plastic Asphalt Showcase** in the Jimbaran Hijau area on Tuesday (11/06). This National Plastic Asphalt Showcase serves as a Learning Center for the development of Plastic Asphalt, aimed at inspiring broader implementation in various regions across Indonesia.

This plastic asphalt showcase will become a Learning Center where policymakers from various regions can directly observe the use of low-value plastic waste, such as plastic bags, as a mixture in asphalt. Bali was chosen for this showcase due to its strategic location (an international hub), numerous NGOs and communities, and its reputation as a top recreational destination worldwide, thereby promoting the adoption of this plastic asphalt innovation in Indonesia.

**Edi Rivai, Director of Legal, External Affairs & Circular Economy Chandra Asri Group**, stated, “As a growth partner, Chandra Asri Group is committed to promoting the sustainable implementation of plastic asphalt as a solution to plastic waste problems in various regions of Indonesia. The presence of the National Plastic Asphalt Showcase in Jimbaran, Bali, will facilitate city and district governments across Indonesia to study this plastic asphalt innovation for wider implementation. This initiative not only helps reduce environmental burdens but also plays a vital role in building reliable and sustainable city infrastructure, supporting the vision of greener and more efficient smart cities.”

**Yohanes Ronny, Head of the Road Materials Center at the Ministry of Public Works and Housing (PUPR)**, during the Plastic Asphalt Showcase talk show session, said, “The application of plastic asphalt for infrastructure is expected to absorb a large amount of low-value plastic materials. Its application requires several laboratory tests, addressing challenges and the specific characteristics of the plastic that need to be defined during the mixing process.”

Meanwhile, **Fazri Putrantomo, Director of Waste Reduction at the Ministry of Environment and Forestry (KLHK)**, added, “The Indonesian government's target is to reduce the amount of waste in the ocean by 70% by 2025. In the journey to achieving this target, it is necessary to start handling and reducing plastic waste. collaborations like this so that this target can be achieved immediately

Chandra Asri Group, in collaboration with various partners, has previously successfully laid 120.8 km of plastic asphalt by managing 1,086 tons of low-value plastic waste on Java Island. This innovation has provided long-term benefits for infrastructure development, offering road durability improvements of up to 40% and more efficient maintenance budgets. Furthermore, the use of plastic asphalt supports the government's efforts to achieve Sustainable Development Goals (SDGs), particularly SDG No. 9 on promoting sustainable industry and infrastructure, SDG No. 11 on fostering sustainable cities, and SDG No. 12 on ensuring responsible consumption and production.

**Putu Agung Prianta, CEO of Jimbaran Hijau and Chairman of the Green Building Council Indonesia Bali Representative**, said, “We enthusiastically open for the initiative that can serve as a successful example of stakeholder collaboration for sustainable environments, especially in Bali. Implementing and integrating technology with waste management challenges is not easy. Through an integrative approach, supportive government policies, and regulations that promote synergy among parties can enhance the effectiveness of this sustainable infrastructure project, as seen in the Jimbaran Hijau area.”

By adopting plastic asphalt, city governments not only not only get a practical solution to the plastic waste problem, but also contribute to improving road quality and budget efficiency. This allows better budget allocation for other development needs. Additionally, the use of plastic asphalt creates new job opportunities in waste processing and infrastructure industries, as well as raises public awareness about the importance of sustainable waste management.

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#### **About Chandra Asri Group**

Chandra Asri Group is Indonesia’s leading chemical and infrastructure solutions company, supplying products and services to various manufacturing industries in both domestic and international markets. With a history of 31 years and over 2,200 dedicated staff, it incorporates state-of-the art technologies and supporting facilities located strategically in the country’s petrochemical and industrial hubs, Cilegon, and Serang. Chandra Asri Group operates the only Naphtha Cracker in Indonesia that produces Olefins (Ethylene, Propylene), Polyolefins (Polyethylene, Polypropylene), Py-Gas and Mixed C4, and is the sole domestic producer of Styrene Monomer, Ethylene, Butadiene, MTBE and Butene-1, with a new world-scale Chlor Alkali – Ethylene Dichloride plant development on the horizon. Chandra Asri Group’s chemicals business is supported by core infrastructure assets encompassing strategic energy, electricity, water, jetty, and tank farm facilities. For more information, please visit [www.chandra-asri.com](http://www.chandra-asri.com)

#### **About Jimbaran Hijau**

Jimbaran Hijau stands as an integrated developer focused on sustainable development and environmental conservation. With various initiatives, Jimbaran Hijau is committed to creating a healthy and sustainable environment while preserving cultural heritage for the people of Bali and surrounding areas. It creates not just buildings and areas but spaces that resonate with the essence of Bali Island.

Website: [www.jimbaranhijau.com](http://www.jimbaranhijau.com)

Instagram: [@jimbaran.hijau](https://www.instagram.com/jimbaran.hijau)

#### **About ASECH**

ASECH was established to support the Ministry of Home Affairs' smart city program, creating new urban solutions and ideas through digitalization and technology use. ASECH's concept is a center of expertise that houses solution providers and researchers dedicated to researching and testing new concepts and technologies that can support the smart city program in Indonesia through training and workshops. One form of ASECH and Jimbaran Hijau's collaboration is the development and prototyping of sustainable smart city concepts on Jimbaran Hijau land.

Website: [www.asech-indonesia.com](http://www.asech-indonesia.com) Instagram: [@asech.indonesia](https://www.instagram.com/asech.indonesia)