

Press Release:

## **Suryacipta City of Industry Karawang Launched A Modern Wastewater Treatment Technology**

*Cooperates with Hungarian company, wastewater treatment facility adopted the fist technology in Indonesia, with capacity of 5,000 m<sup>3</sup>/day*

**Karawang**, 12 November 2018 – PT Surya Semesta Internusa Tbk (IDX: SSIA), through its subsidiary PT Suryacipta Swadaya, which manages and operates Suryacipta City of Industry in Karawang, inaugurated the operations of Suryacipta Organica Waste Water Treatment Plant (WWTP) facility. The modern wastewater treatment system with a capacity of 5,000m<sup>3</sup>/day will do the process of entire plant waste located in Suryacipta City of Industry, Karawang. The inauguration of the facility was conducted by President Director of PT Surya Semesta Internusa Tbk - Johannes Suriadjaja, and Vice President Director of PT Suryacipta Swadaya - Karel Walla, Director of PT Suryacipta Swadaya - Wilson Effendy, Director of PT Suryacipta Swadaya - Petrus Kosasi, and Director of PT Suryacipta Swadaya - Didi Wihardi.

“This existencies of the WWTP facility with its supporting facilities is our commitment as part of Surya Semesta Internusa Group to manifest a healthy industrial area and implement the green principles in every business activity,” said President Director of PT Surya Semesta Internusa Tbk, Johannes Suriadjaja.

The construction of the WWTP began in September 2016 by collaborating with a well-known Hungarian WWTP company Organica Technologies. Organica Technologies is a Waste Water Treatment company that established in 1998 with projects located in France, Hungary, China, and Indonesia. They are a market leader of WWTP in terms of Fixed-Bed Biofilm Activated Sludge (FBAS) technology. In Suryacipta City of Industry, this technology was developed on the approximately 3 hectares of land area with an investment value of Rp68 billion.

With this green concept, it will add wastewater treatment capacity up to 16,000 m<sup>3</sup>/day, where the old WWTP has a capacity of 11,000 m<sup>3</sup>/day which has been operating previously. The capacity of the installed WWTP is intended to produce wastewater by tenants in Suryacipta City of Industry Karawang with total land area of 1,400 hectares.

The processing system of WWTP Organica Suryacipta facility can be explained as follows, the process of wastewater treatment from tenants using plant roots, where the roots become the breeding grounds for micro-organisms which will decompose wastewater. The wastewater treatment technology installed at the WWTP Organica Suryacipta is the latest technology applied in Indonesia.

In addition, the operations of WWTP Organica Suryacipta building applies the green principles using the green electricity, which utilizes solar energy in the forms of solar panels parallelized with electrical supplied by PLN. The newly installed capacity of solar panel electricity is 20 kVA, while the existing electricity consumption is 197 kVA supplied by PLN.

Johannes added, the development of the facility is also one of Company’s participation in supporting Citarum Harum program initiated by the Government. Through the modern technology in waste processing, we hope to reduce pollution in Citarum River.



The pollution level of the Citarum river has got into attention of Indonesian Government. According to the office of the Environment of West Java Province, there are at least 1,900 industries along the Citarum Watershed, 90 percent of them don't have adequate WWTPs, producing around 340,000 tons/day of liquid waste. In addition, the Citarum River is also polluted by domestic waste from the community, ranging from household waste to human waste. The amount of household waste is 20,462 tons/day, 71 percent of which is not transported to the final disposal site (TPA). 35.5 tonnes/day human waste and 56 tons/day of animal/livestock manure are also dumped directly into the Citarum river.

"With the existence of this WWTP, we hope that this small contribution will enable to help the Government to reduce the pollution level in Citarum river, meanwhile it could inspire people to take care of the environment, especially in Citarum river so that it will bring benefits to many people," Johannes said.

### **About PT Surya Semesta Internusa Tbk (SSIA)**

SSIA, formerly known as PT Multi Investments Limited, was established on 15 June 1971, the Company then transformed into PT Surya Semesta Internusa ("SSIA") in 1995. SSIA's main businesses are industrial estate & real estate development, construction and hospitality. SSIA's diversified investment portfolio primarily includes Suryacipta City of Industry, SLP Karawang, Graha Surya Internusa (not in operation, to be redeveloped into SSI tower), Gran Melia Jakarta Hotel, Melia Bali Hotel, Banyan Tree Ungasan Resort Bali, and BATIQA Hotels.

For more than 40 years in the property business, SSIA has strengthened its brand recognition and placed it as one of the strongest developer companies in Indonesia. Completing its milestone as a leading company, SSIA recorded its shares at Indonesia Stock Exchange and became a listed company on 27 March 1997. For more information, visit [www.suryainternusa.com](http://www.suryainternusa.com).

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