



## PRESS RELEASE

### **PETROKIMIA GRESIK SUCCESSFULLY MINIMIZES THE GREENHOUSE EFFECT, REDUCING UP TO 89.15 TONS OF CO2 THROUGH THE OPTIMIZATION OF GYPSUM**

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Petrokimia Gresik, a member of the Pupuk Indonesia Holding Solutions Agroindustry company, is responding to the world's changing climate by reducing greenhouse gases by 89.15 tons of carbon dioxide (CO<sub>2</sub>) from the use of gypsum from 2015 to 2022. This was announced by the Director of Operations and Production of Petrokimia Gresik, Digna Jatningsih, when she was a speaker at the international event "Indonesia Pavilion on COP-27 UNFCCC" in Egypt recently.

In the material titled "Utilization of Gypsum Waste in the Petrochemical Industry", Digna stated that Petrokimia Gresik is trying to protect the environment by utilizing gypsum into value-added products for agriculture and the national industry. These include the production of ZA fertilizer, Neutralized Crude Gypsum (NCG), and Petro-Cas, as well as the production of Purified Gypsum.

"The gypsum waste produced by Petrokimia Gresik is not classified as Hazardous and Toxic Substances (B3) according to the Decision of the Minister of Environment and Forestry of the Republic of Indonesia (Number SK.238/MENLHK/SETJEN/PLB.3/5/2021, Red). With this status, Petrokimia Gresik is more flexible in its utilization," said Digna.

Petrokimia Gresik's gypsum is a secondary product of the NPK raw material factory, which is phosphoric acid. The utilization of this gypsum product is also part of the company's diversified industry-related program.

The total utilization of Petrokimia Gresik's gypsum for ZA fertilizer production during the period 2015-2022 was 1,689,405 tons. This fertilizer can increase the production of sugar cane and green plants to be fresher.

Petrokimia Gresik also optimizes 1,249,872.46 tons of gypsum for the production of NCG and Petro-Cas in the same period. NCG itself can be utilized as a raw material for the production of lightweight bricks and plasterboard. Meanwhile, Petro-Cas produced by Petrokimia Gresik is for improving the physical and chemical properties of the soil, as an effort to increase plant productivity.

Meanwhile, to produce purified gypsum, Petrokimia Gresik has utilized gypsum up to 5,247,342.24 tons from 2015 to 2022. Purified Gypsum is produced to support the advancement of the national cement industry, as a supporting material.

In the past seven years, Petrokimia Gresik has been able to reduce greenhouse gas emissions by 89.15 tons of carbon dioxide from the use of transportation and heavy equipment through the utilization of gypsum.

This utilization of gypsum is an effort by Petrokimia Gresik to continually improve environmental management, as environmental concern is an important instrument for the company to ensure its sustainability.



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Meanwhile, COP-27 UNFCCC is an event that represents the face of the Indonesia Pavilion as a form of soft diplomacy to demonstrate Indonesia's commitment to the international community in the fight against climate change.

This annual international event, organized by the Ministry of Environment and Forestry of the Republic of Indonesia, was held last year in France. The event includes presentations, panel discussions, exhibitions, and networking. As such, COP-27 UNFCCC is one of the decision-making platforms for government officials and heads of the region, BUMN President Director's and private companies, analysts, cultural and social actors, and others.

This year's event was attended by 195 representatives from the COP-27 UNFCCC government delegation, international policy institutions, renewable energy experts, world financial institutions and investors, carbon trade associations, academics, and other environmental stakeholders.

"This event has a remarkable impact on global environmental protection. We feel honored to be trusted as one of the speakers on behalf of Indonesia, thank you to the Ministry of Environment and Forestry. Of course, Petrokimia Gresik will always be fully committed to upholding the SDGs in bringing the best Agro-Industry Solutions for sustainable agriculture," concluded Digna.

PT Petrokimia Gresik

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