THE UNİTED NATIONS DEVELOPMENT PROGRAMME

Country: Indonesia

Delegate: Emin Kozak

Topic A:Production of sustainable biomass energy

Sustainable biomass energy plays an integral role in renewable energy production;its importance extends across sectors , making it an integral part of global efforts towards a more sustainable and environmentally friendly future . Indonesia’s state power company PT(PLN) has announced a strategic partnership with Powerchina International Group Limited to develop the country ‘s vast wind energy resources,estimated at 155 (GW). This collaboration,announced today,aims to advance Indonesia towards its ambitious netzero emissions target by 2060.The Memorandum of Understanding signed last week between PLN Nusantara Power (NP) and Powerchina focuses on harnessing wind energy across the Indonesian archipelogo,including the Indian and Pacific Oceans.The initiative also includes exploration of other renewable energy sources such as hydro,biomass,solar and wave energy.

Indonesia, Southeast Asia's largest archipelago country, is struggling to meet its renewable energy targets due to subsidies on fossil fuels, low electricity tariffs and an abundance of cheap coal.

However, thanks to recent policy changes; The country's start to benefit from solar, tidal and geothermal energy sources could be a turning point in the energy transition.

According to the news published by Eco-Business, while current policies are trying to encourage investments in rooftop solar energy systems, it is aimed to meet the electricity needs of 100 thousand people with tidal energy power plants.

In addition, the state plans to increase investments in this field in Indonesia, which has 40 percent of the world's geothermal capacity.