

Juno Joule Green Energy, Germany's Select Energy to invest Rs 10,000 crore in green hydrogen, ammonia facility in AP

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HYDERABAD: Vijayawada-based renewable energy player Juno Joule Green Energy Pvt Ltd has inked a memorandum of understanding (MoU) with German clean energy company Select Energy GmbH to co-develop an export-oriented green hydrogen and ammonia facility in Andhra Pradesh at an investment of US\$1.3 billion (approx. Rs 10,000 crore).

The project, which will come up near Mulapeta port along the country's east coast, will be developed in three phases and aims to produce around 180 KTPA (kilo tonnes per annum) of green hydrogen by 2029, which will be converted into up to one million tons of green ammonia annually for export.

Construction on the project, which will be built to meet stringent EU RFNBO (EU Renewable Fuels of Non-Biological Origin) norms, is expected to commence in 2026. The project is expected to generate around 5000 to 6,000 direct and indirect jobs across operations, construction, logistics, and support sectors.

It will also lead to technology transfer, upskilling of local talent, and the emergence of AP and Telangana region as a clean energy hub on the global map, the company said.

The facility will include an advanced desalination plant to sustainably source high-purity water from seawater, electrolysers powered by a diversified mix of solar, wind, and hydropower, and port-connected pipeline infrastructure for efficient large-scale exports.

The project will also integrate cutting-edge technologies from global leaders such as Thyssenkrupp Nucera and KBR Inc and will be supported by international logistics collaborations with partners in Germany and the Netherlands.

This strategic move is set to unlock substantial industrial and economic opportunities for both Andhra Pradesh and Telangana, reinforcing the region's emergence as a key player in India's clean energy future.

The MoU was signed by Juno Joule Green Energy CEO Nagasharath Rayapati and Select New Energies GmbH managing director Felix Danger at the World Hydrogen Summit 2025 in Rotterdam, Netherlands.