Juno Joule Green Energy and S.E.T. Select Energy Group sign Memorandum of Understanding to Drive Green Ammonia Development in India

Rotterdam, May 21 2025 - Juno Joule Green Energy Private Limited ("Juno Joule"), a fast-growing leader in renewable energy solutions, and a Germany-based energy trading company S.E.T. Select Energy GmbH, together with its green energy subsidiary Select New Energies GmbH ("SELECT"), have signed a Memorandum of Understanding (MoU) to jointly develop and market green ammonia produced in Andhra Pradesh, India.

The agreement was formalized today during the **World Hydrogen Summit 2025** in Rotterdam, marking a major milestone in Indo-German collaboration on green energy infrastructure.

The MoU was signed by **Nagasharath Rayapati**, CEO of Juno Joule Green Energy, and **Felix Danger**, Managing Director of Select New Energies GmbH, at the **World Hydrogen Summit 2025 in Rotterdam, Netherlands**, marking a significant step in the co-development of one of India's largest green hydrogen and ammonia export facilities. The ceremony was attended by distinguished dignitaries who underscored the global importance of this collaboration. **Shri Santosh Kumar Sarangi**, Secretary of the Ministry of New and Renewable Energy (MNRE), led the Indian delegation, reaffirming the government's commitment to scaling up green energy exports. **Shri Abhay Bakre**, Director General of the National Green Hydrogen Mission, also participated, emphasizing the project's alignment with India's clean energy vision. From Germany, **Ms. Silke Frank**, President of the German Hydrogen Association, highlighted the importance of Indo-German cooperation in accelerating the hydrogen economy. The event also saw the presence of **Mr. Satya Pinisetty**, First Secretary at the Embassy of India in the Netherlands, **Mr. Nishanth Balashanmugam**, Director of GH2 India, and **Dr. P.V. Ramesh,** senior advisor to governments, international development organisations and corporate enterprises, also participated.

A Strategic Project for Global Energy Transition

The project, strategically located on the East Coast of India near **Mulapeta Port** in Andhra Pradesh, is designed to produce up to **1 million tons per annum of green ammonia**, derived from approximately 180 KTPA (thousand tons per annum) of green hydrogen generated via electrolysis. Developed in three phases, the project represents one of India's most ambitious green fuel infrastructure initiatives, with an expected total investment of US$1.3 billion (INR 10,000 crores).

The facility will feature an integrated desalination plant to convert seawater into high-purity water required for electrolysis—ensuring sustainability without drawing on freshwater resources. The electrolysers will be powered exclusively by a reliable and diversified mix of renewable energy sources - including solar, wind, and hydropower - ensuring consistent and sustainable hydrogen production to comply with the RFNBO criteria. A dedicated pipeline will connect the production facility to port infrastructure, enabling efficient, large-scale export of green ammonia to international markets.

“We are honored to partner with SELECT as a co-developer in our mission to build a globally competitive green energy hub in India,” said **Nagasharath Rayapati**, CEO of Juno Joule Green Energy Private Limited. “With their deep expertise in energy trading and end-to-end logistics including shipping infrastructure - this collaboration reinforces our execution capability and accelerates the global transition to a low-carbon economy.”

Felix Danger, Managing Director of Select New Energies, added: “Green energy supply is a global aspect: the project in India shows how the energy transition works and is interlinked across national borders and continents. India as a location for renewable energies and export logistics represents an advantage that makes e-fuels available to both local and international customers. We are pleased to accompany Juno Joule as a trading and logistics partner in this exciting project. A further milestone in the implementation of our corporate strategy and as an energy trading company, we are predestined to bring new energy sources economically and flexibly from the producer to the consumer.”

A Scalable Model for Green Exports and Climate Action

Strategically located for global trade, Juno Joule’s project is poised to supply green hydrogen and ammonia to key international markets across Europe and Asia. Powered entirely by renewable energy, the facility aligns with India’s vision to become a leading exporter of green fuels and supports the decarbonization efforts of industrial economies worldwide. Once fully operational, the project is expected to avoid over 1.8 million tons of CO_2 emissions annually, contributing meaningfully to global climate goals.

This partnership marks a significant milestone in the journey toward building scalable, clean energy infrastructure and exemplifies the shared commitment of Juno Joule and SELECT to advancing the global green molecule value chain for a more sustainable future.

About Juno Joule Green Energy Private Limited

Juno Joule Green Energy Private Limited is a next-generation renewable energy company focused on green hydrogen, green ammonia, and biofuels. Headquartered in Andhra Pradesh, India, Juno Joule is developing one of the country’s largest green ammonia export facilities, powered entirely by renewable energy and integrated with port infrastructure for global delivery.
Visit: www.junojoule.energy

About S.E.T. Select Energy GmbH

S**.E.T. Select Energy GmbH** which was founded in Hamburg in 1985 is using its decades of experience and expertise in global trade in oil and energy to help drive the energy transition globally. The family-owned company has been a reliable partner for companies and partners worldwide for four decades and its range of services covers the entire physical value chain: from refining, financing, logistics and risk management to energy distribution and marketing. The subsidiary **Select New Energies GmbH** is responsible for various projects and collaborations in the field of green energies (power-to-x, biofuels and recycling) within the Select Group.
Visit**:** www.set-energy.de