



Joint Press Release
February 7th, 2023

Uniper and Greenko signed exclusivity for Green Ammonia offtake to EU from India's first Green Ammonia Project in Kakinada

- **Uniper and Greenko sign a Memorandum of Understanding and Heads of Terms**
- **Greenko and Uniper to negotiate a purchase agreement for 250,000 t p.a. of green ammonia**
- **Major move for further diversifying sources of supply for low carbon hydrogen**
- **Pioneering step for India to export energy to Europe**

Uniper and Greenko ZeroC Private Limited, the green molecule production arm of the Greenko Group, today announced the signing of a Memorandum of Understanding (MoU) and Heads of Terms for Uniper to enter into exclusive negotiations for the offtake of green ammonia from Phase 1 of Greenko ZeroC's ammonia production facility in Kakinada. Under the MoU, Greenko and Uniper intend to negotiate a first of its kind innovative pricing, supply and tenure structure for a supply and purchase agreement for 250,000 tonnes per annum of Green Ammonia (GASPA) based on the Heads of Terms. Greenko's Kakinada project is a multi-phase green ammonia production and export facility adding up to 1 MTPA of Green Ammonia production capacity by 2027. The first phase of Greenko's facility in Kakinada produces Green Ammonia based on an electrolyser powered by Round the Clock (RTC) renewable electricity produced by 2.5 GW of renewable assets in India and reinforced by their Pinnapuram Integrated Renewable Energy Storage Plant (IRESP).

The MoU was signed in the presence of Mr. Hardeep Singh Puri, Union Minister of Petroleum and Natural Gas, India, at the India Energy Week 2023, Bengaluru.

Niek den Hollander, CCO of Uniper: "Decarbonization is one of the major challenges of our time and needs quick action – therefore, we at Uniper are happy to contribute to the acceleration of the energy transition with our partner Greenko. The Greenko Kakinada project is a very promising opportunity to source green ammonia and secure the supply of low carbon hydrogen products for Germany. We are very excited about the cooperation!"

The key differentiator that sets this project apart is the integration of pumped storage plant to balance out the intermittent and seasonality of renewable production and achieve a high annual plant load factor upwards of 85 %, allowing for flexible and dispatchable supply of Green Ammonia competitively.

Aside from Green Ammonia, Uniper and Greenko also intend to collaborate on the deployment of similar flexible renewable electricity to other Hydrogen products such as E-Methanol and Sustainable Aviation Fuels.

Anil Chalmalasetty, Chief Executive officer (CEO), Founder and Managing Director of Greenko: "Greenko is working towards decarbonization solutions for a low-carbon economy. We are partnering with a world-class technology partner in John Cockerill and will jointly develop large-scale green molecule projects in India. We are extremely delighted to partner with Uniper through this offtake agreement for our project which will eventually displace LNG imports and strengthen India's green molecule ambitions as part of a wider renewable energy program that will see India run the world's largest energy transition program."

John Roper, CEO, Middle East at Uniper: "Greenko has been one of the most agile players in the green molecule market in this region. With Uniper as the offtake partner for green ammonia, the partnership will benefit from the additional value added through Uniper's global commodity trading and logistics network. We look forward to advancing this transaction with Greenko"

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Left to right (in foreground only):

John Roper, CEO of Uniper Middle East

Hon'ble Hardeep Singh, Union Minister of Petroleum and Natural Gas, India

Anil Chalamalasetty, Founder, CEO and Managing Director of the Greenko Group

Mahesh Kolli, Founder, President and Joint Managing Director of the Greenko Group



About Greenko

Greenko Group, India's leading Energy Transition company, has an installed capacity of 7.5 GW across solar, wind and hydro assets spread over ~100+ projects across 15 states and delivers 20+ TWh of renewable energy annually, constituting ~1.5-2% of India's total electricity consumption.

Greenko Group is spearheading global Energy Transition, by delivering the lowest cost Round The Clock Renewable Energy (RE-RTC) through its ~100 Giga Watt Hours daily storage capacity Intelligent Renewable Energy Storage Platform (IRESF). Greenko's pumped-hydro-storage projects combined with its Energy Storage Cloud enable carbon neutral solutions & Carbon Free Energy (CFE) to achieve net zero goals of corporates and global economies at scale through its green molecules and green carbon solutions for deep decarbonization

About Uniper

Düsseldorf-based Uniper is an international energy company with activities in more than 40 countries. With around 7,000 employees, it makes an important contribution to security of supply in Europe. Uniper's core businesses are power generation in Europe, global energy trading, and a broad gas portfolio. Uniper procures gas – including liquefied natural gas (LNG) – and other energy sources on global markets. The company owns and operates gas storage facilities with a capacity of more than 7 billion cubic meters. Uniper plans for its 22.5 GW of installed power-generating capacity in Europe to be carbon-neutral by 2035. The company already ranks among Europe's largest operators of hydroelectric plants and intends to further expand solar and wind energy, which are essential for a more sustainable and autonomous future.

Uniper is a reliable partner for communities, municipal utilities, and industrial enterprises for planning and implementing innovative, lower-carbon solutions on their decarbonization journey. Uniper is a hydrogen pioneer, is active worldwide along the entire hydrogen value chain, and is conducting projects to make hydrogen a mainstay of the energy supply.

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