



Press Release

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Hydrom and thyssenkrupp nucera Collaborate on Developing Oman's Green Hydrogen Industry

- Hydrom and thyssenkrupp nucera sign Memorandum of Understanding to explore the potential of localization of assembly and service hubs for water electrolyzers
- Collaboration with Hydrom expands thyssenkrupp nucera's footprint and commitment to the Middle East region
- Memorandum of Understanding as further indication of thyssenkrupp nucera's localization efforts with strong partners worldwide to develop global hydrogen markets regionally

Dortmund / Muscat, December 12, 2024 – Hydrogen Oman („Hydrom“) and thyssenkrupp nucera have signed a Memorandum of Understanding (MoU) to work together in supporting the growing green hydrogen sector in the Sultanate of Oman, with the aim of fostering future collaboration. Identifying the potential for localization and exploring development opportunities are key aspects of the intended collaboration. The MoU was signed in the presence of Oman's Minister of Energy and Minerals, HE Salim Nasser Al Afi, during Hydrom's inaugural gH2 Investor Day in Muscat, Oman. Hydrom is the national orchestrator for Oman's green hydrogen strategy and has awarded over 2,300 square kilometers of land for large-scale green hydrogen production. The company plays a pivotal role in fostering an integrated ecosystem by identifying local applications, building strategic partnerships, and supporting comprehensive market analyses. Hydrom is also driving initiatives to streamline regulatory frameworks, enhance infrastructure planning, and align workforce development with sector needs, ensuring a sustainable and scalable hydrogen economy that meets both domestic and global demand.

“Hydrom is orchestrating all green hydrogen activities including a master plan for the sector in the Sultanate of Oman. As thyssenkrupp nucera, we are committed to bringing deep expertise in electrolysis technology to support this ambition. With decades of experience and innovative solutions in electrolysis business, we are well-equipped to strengthen our presence in the Middle East by laying the foundation for a successful green hydrogen sector in Oman in partnership with Hydrom,” said Dr. Werner Ponikwar, CEO at thyssenkrupp nucera.

“Green hydrogen has the potential to be a central element in Oman's clean economy, supporting a more sustainable and decarbonized future. Through the development of a competitive and sustainable green



hydrogen ecosystem, we aim to position the Sultanate as a leading global green hydrogen hub. Collaborating with thyssenkrupp nucera is a further significant step on our way to achieve our ambition,” said Eng. Abdulaziz Said Al Shidhani, Managing Director of Hydrom.

Due to its strategic location between two major green hydrogen demand centers in Europe and Asia as well as its extraordinary infrastructure and logistics capabilities, Oman is one of the global first-mover hydrogen markets. According to Oman’s Vision 2040, the Sultanate aims to diversify its economy and prioritize sustainability through the development of renewable energy and green technologies. In line with this vision, Oman is committed to achieving net-zero emissions by 2050, with green hydrogen playing a key role in this transition.

Photos

Please contact us to inquire about photographs.

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About Hydrom:

Hydrom serves as the national orchestrator of Oman’s Green Hydrogen Strategy execution and Green Hydrogen economy development. Its mandate includes setting the strategy and advising government on policies and legal framework for the hydrogen sector in addition to delineating government-owned lands earmarked for hydrogen. Hydrom is also responsible for the structuring of large-scale green hydrogen projects, managing the allocation process to developers, and facilitating the development of shared infrastructure and connected ecosystem industries and hubs. Through its role, Hydrom is advancing In-



country Value by generating employment, expanding educational resources and developing localized supply chains and industry-adjacent opportunities across the value chain.

www.hydrom.om

About thyssenkrupp nucera:

thyssenkrupp nucera offers world-leading technologies for high-efficiency electrolysis plants. The company has extensive in-depth knowledge in the engineering, procurement, and construction of electrochemical plants and a strong track record of more than 600 projects with a total rating of over 10 gigawatts already successfully installed. With its water electrolysis technology to produce green hydrogen, the company offers an innovative solution on an industrial scale for green value chains and an industry fueled by clean energy – a major step towards a climate-neutrality. thyssenkrupp nucera successfully made an IPO in July 2023 and is a member of the SDAX of the Frankfurt Stock Exchange since September 2023.

www.thyssenkrupp-nucera.com