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**Title of the Presentation: RWE's Hydrogen Activities: Enabling the Clean Energy Transition**

**Abstract:**

In this presentation, we will explore RWE's strategic initiatives and projects in the hydrogen sector, highlighting its role as a key player in the energy transition. RWE is leveraging its expertise in renewable energy and infrastructure to develop a green hydrogen ecosystem that addresses industrial decarbonisation and supports sustainable transport.

As part of the GET H2 Nukleus project, RWE is constructing a 300-megawatt plant to produce green hydrogen at its gas-fired power plant site in Lingen.

Two of the three 100-megawatt electrolyzers have been ordered in 2022. In 2024, the third construction phase was commissioned.

RWE collaborates primarily with grid operators to connect its green hydrogen production facilities to industrial consumers in the region. The first 100-megawatt electrolyser is set to be commissioned in 2025, with plans to expand the capacity in 100-megawatt increments to 300 megawatts by 2027.

The presentation will cover RWE's large-scale projects across Europe. Attendees will gain insights into RWE's commitment to building a resilient, zero-carbon hydrogen economy.