



## Press release

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Page 1/2

### thyssenkrupp nucera: The electrolyzer that produces green hydrogen is now called “scalum”

- Launch of the new product name “scalum” for the highly efficient alkaline water electrolysis (AWE) modules for the production of carbon free hydrogen
- “scalum” represents the AWE electrolysis module’s high level of scalability and precision
- Increased brand recognition through internationally understandable and meaningful designation of the water electrolysis product portfolio
- Next milestone reached in the long-term development of the thyssenkrupp nucera brand

Dortmund, May 11, 2023 – thyssenkrupp nucera has introduced a new product name for its innovative solution for the production of green hydrogen. This 20 MW module will henceforth be called “scalum”. The supplier of world-leading technologies for high-efficiency electrolysis plants announced this at the international industry trade fair “World Hydrogen Summit 2023” in Rotterdam.

The new product name is derived from the term “scale” and pays tribute to the module’s scalability, interconnecting multiple modules to very high plant capacities. Scalability plays a central role in the use of green hydrogen as a new, carbon-free energy source of the future. With the decarbonization of energy-intensive industry imminent, large-scale water electrolysis plants have to be used to produce this climate-friendly energy carrier using renewable energy. This will minimize the industry’s carbon footprint.

thyssenkrupp nucera is one of the few suppliers in the world capable of providing water electrolysis technology in the gigawatt power range. More than 2.5 gigawatts of capacity to produce hydrogen using renewable energy has already been sold to customers worldwide.

Alkaline water electrolysis (AWE) technology has proven itself with the longest track record in the green hydrogen production technology area. With several decades of experience, thyssenkrupp nucera’s chlor-alkali electrolysis technology is a strong base for their water electrolyzers. “scalum” from thyssenkrupp nucera stands out with low investment costs and convinces with its basis in a proven cell design with long runtime and high performance history.

“To reliably represent capacities to produce green hydrogen on a scale of several hundred megawatts or even gigawatts of power, our equipment must guarantee a high degree of scalability and availability. Our



product name 'scalum' reflects this quality promise that we make to our customers and by which we measure ourselves,” Dr. Christoph Noeres, Head of Green Hydrogen, says.

“scalum” is the start of the new company-wide naming system for the AWE product family in thyssenkrupp nucera's hydrogen division. The internationally understandable and meaningful name is intended to increase brand recognition and clearly express to customers that the AWE electrolysis technology is capable of a wide range of hydrogen production capacities. The focus is on differentiating product features that stand for the new era of energy supply with green hydrogen on an industrial scale to improve climate protection. Thus, the product name contributes to a unified and sharpened brand identity for thyssenkrupp nucera.

“Even in our technically oriented B2B market, we have to deal with the increasing importance of consistent brand experiences. That's why we are continuously developing our brand identity, which includes the development of meaningful product names“, says Katharina Immoor, thyssenkrupp nucera's Head of Communication & ESG.

The launch of the new product name marks the next milestone in the long-term development of the thyssenkrupp nucera brand. At the beginning of last year, the electrolysis specialist unveiled its brand identity with the new company name thyssenkrupp nucera. It symbolizes the dawn of a new era of innovation, transformation and green energy as a decisive contribution to climate neutrality.

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**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.

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