

Press Kit

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Press Contact

thyssenkrupp nucera:

Evelin Veit
Head of Communications, ESG, and Public Affairs
Mobile: +49 152 0435 1097
E-Mail: evelin.veit@thyssenkrupp-nucera.com

Dr. Adrian Schaffranietz
Head of External and Internal Communications
Mobile: +49 152 2470 3595
E-Mail: adrian.schaffranietz@thyssenkrupp-nucera.com

Rita Syre
Senior Media Relations Manager
Mobile: + 49 174 161 86 24
E-Mail: rita.syre@thyssenkrupp-nucera.com

Dr. Marcel Kleifeld
Senior External Communications Manager
Mobile: +49 231 229 724 347
E-Mail: marcel.kleifeld@thyssenkrupp-nucera.com

Jessi Molohon
Communications Manager US
Phone: +1 346 517 8838
E-Mail: jessi.molohon@thyssenkrupp-nucera.com

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thyssenkrupp nucera AG & Co. KGaA, Freie-Vogel-Str. 385 a, 44269 Dortmund, Germany
P: +49 231 547-7100, F: +49 231 547-2334, www.thyssenkrupp-nucera.com
Court of Registration: Local Court of Dortmund, HRB-33774

General Partner: thyssenkrupp nucera Management AG
Court of Registration: Local Court of Dortmund, HRB 33591
Management Board: Dr. Werner Ponikvar, Dr. Stefan Hahn, Klaus Ohlig
Chairman of the Supervisory Board: Dr. Volkmar Dinstuhl

Facts & Figures

About thyssenkrupp nucera AG & Co. KGaA, Dortmund (Germany)

- thyssenkrupp nucera offers world-leading technologies for highly efficient electrolysis plants. The company has extensive expertise in the planning, procurement and construction of electrochemical plants.
 - Its track record includes more than 600 successfully installed projects with a total capacity of more than 10 gigawatts.
 - thyssenkrupp nucera is currently processing orders with a total electrolysis capacity of more than 3 gigawatts.
 - The company's technology portfolio currently comprises alkaline water electrolysis (AWE) and chlor-alkali electrolysis and will be expanded in the future to include high-temperature and high-pressure electrolysis.
 - With its water electrolysis technology for the production of green hydrogen, thyssenkrupp nucera is creating innovative solutions on an industrial scale for green value chains and a decarbonized industry - a major step towards climate neutrality.
 - Customers include companies such as NEOM in Saudi Arabia, Stegra in Sweden, Shell in the Netherlands, and several more.
 - thyssenkrupp nucera successfully completed an IPO in July 2023. The shares are traded on the Frankfurt Stock Exchange.
 - The electrolysis specialist generated sales of EUR 845 million in the financial year 2024/2025 (corresponding prior-year period: EUR 862 million). The net result reached EUR 5 (11) million. The number of employees rose to 1.092 (previous year: 1.012) by the end of the financial year (September 30, 2025).
 - www.thyssenkrupp-nucera.com
 - Social Media: LinkedIn [thyssenkrupp nucera](#) | LinkedIn
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The Management of thyssenkrupp nucera

Dr. Werner Ponikwar

CEO thyssenkrupp nucera AG & Co. KGaA (as Executive Board member of the General Partner thyssenkrupp nucera Management AG)

Professional background:

Holding a Ph.D. in Chemistry from LMU Munich, Dr. Werner Ponikwar has gained 20+ years of experience in the chemical industry. He held leading positions including business development, corporate strategy and management at German stock-listed companies such as Evonik Degussa and Linde. Prior to his current position, he founded and established Linde Hydrogen FuelTech GmbH, where he served as CEO/Managing Director.

As CEO, he has been driving forward the development of thyssenkrupp nucera since July 2022. Dr. Werner Ponikwar is responsible for the following Corporate Functions: Business Development/Sales; Communications/ESG (Environmental, Social, & Governance) & Governmental Affairs; Engineering; Human Resources & HSE (Health, Social Environment); Internal Audit; Legal & Compliance/Board Office; Module & Cell Production; and Strategy & M&A (Mergers & Acquisitions). In addition, Dr. Werner Ponikwar is responsible for the business activities of the subsidiaries in Germany, Italy, and the USA.



Dr. Stefan Hahn

CFO thyssenkrupp nucera AG & Co. KGaA (as member of the board of directors of the general partner thyssenkrupp Management AG)

Professional background:

Dr. Stefan Hahn started his career at the thyssenkrupp Group in 2012 in Mergers & Acquisitions. He worked in senior management positions in the field of Controlling, Accounting & Risk for various companies in the thyssenkrupp Group, including thyssenkrupp AG, thyssenkrupp Bilstein und thyssenkrupp Decarbon Technologies.



Before taking up his current position, he held CFO positions at thyssenkrupp Automation Engineering and thyssenkrupp Polysius. Dr. Stefan Hahn graduated with a PhD from the WHU – Otto Beisheim School of Management, Vallendar.

Dr. Stefan Hahn has been CFO since March 2025 and is responsible for the following Corporate Functions: Commercial Operations/Tax (Tax & Insurance); Controlling, Accounting, and Reporting; Finance; IT; Investor Relations (IR); Procurement and Project Execution; and Project Risk Control (PRC) & Quality Management (QM). In addition, Dr. Stefan Hahn is responsible for the business activities of the subsidiaries in Australia, India, and Saudi Arabia.

Klaus Ohlig

CTO thyssenkrupp nucera AG & Co. KGaA (as member of the board of directors of the general partner thyssenkrupp nucera Management AG)



Professional background:

Klaus Ohlig distinguished career includes senior leadership roles at Linde, notably as Executive Director Research & Development at Linde Engineering in Pullach, where he managed global teams and was responsible for the development and expansion of Linde Engineering's technology portfolio. Before that, he was Managing Director of Linde Kryotechnik AG in Switzerland.

Klaus Ohlig has been CTO since July 2025 and is responsible for the following Corporate Functions: Innovation Center; IP Management; Product Management; and Technology Service. In addition, Klaus Ohlig is responsible for the business activities of the subsidiaries in China and Japan.

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Electrolysis technologies at a glance

- **Alkaline water electrolysis (AWE)** is a process for producing hydrogen from water using electricity. If electricity from renewable energy sources is used, it is green hydrogen.
 - **Chlor-alkali electrolysis** is a process for producing the important basic chemicals chlorine, hydrogen and caustic soda from sodium chloride and water.
 - **PEM electrolysis** (Proton Exchange Membrane) is a water electrolysis process. In contrast to alkaline electrolysis, it is carried out in an acidic medium.
 - In **high-temperature solid oxide electrolysis (SOEC)**, a fuel cell converts water vapor into hydrogen and oxygen in reverse mode at very high temperatures of 550 to 600 °C.
 - **High-pressure electrolysis (PAWE, Pressurized AWE)** is a process for producing hydrogen in which water is broken down into hydrogen and oxygen directly under increased pressure (e.g., up to 35 bar) using electric current. What makes it special is that the hydrogen is not produced at atmospheric pressure and then compressed, as is usually the case, but is generated directly under high pressure. This often eliminates the need for a downstream compression step, saving energy, costs, and process time.
 - **AEM electrolysis** (Anion Exchange Membrane Electrolysis) is a combination of the PEM (proton exchange membrane) and AEL (alkaline electrolysis) electrolysis processes.
 - For further information, see [Glossar - thyssenkrupp nucera \(thyssenkrupp-nucera.com\)](#) and [Electrolysis – Fraunhofer IKTS](#)
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Important Links (Photos & Videos)

- **Press release:** [Press releases - thyssenkrupp nucera \(thyssenkrupp-nucera.com\)](https://thyssenkrupp-nucera.com/press-releases)
 - **Photos & Videos** (products, management, HQ): [Publications & Media - thyssenkrupp nucera \(thyssenkrupp-nucera.com\)](https://thyssenkrupp-nucera.com/publications-media)
 - **Blog:** [new era insights - thyssenkrupp nucera \(new-era-insights.com\)](https://new-era-insights.com)
 - **Brochures**
[Rethinking existing infrastructures | Startseite - thyssenkrupp nucera \(thyssenkrupp-nucera.com\)](https://thyssenkrupp-nucera.com/rethinking-existing-infrastructures)
[Infographic: Value chain for green hydrogen](#)
 - **Website:** [Rethinking existing infrastructures | Home - thyssenkrupp nucera \(thyssenkrupp-nucera.com\)](https://thyssenkrupp-nucera.com/rethinking-existing-infrastructures)
 - **Glossary:** [Glossary - thyssenkrupp nucera \(thyssenkrupp-nucera.com\)](https://thyssenkrupp-nucera.com/glossary)
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