

PRESS RELEASE

Electrochaea Named on the 2023 Global Cleantech 100

Exceptional Innovators with the Determination and Technologies to Race to Net-Zero

Planegg/Germany, 2023-02-02. Electrochaea, a leading Power-to-X technology company, has been named on Cleantech Group's 2023 *Global Cleantech 100*. The *Global Cleantech 100* is an annual list of the most innovative and promising companies that will take us from commitments to actions in our efforts to reach net-zero. Electrochaea's market ready technology uses power-to-gas bio-methanation to produce climate neutral synthetic gas. In the bio-methanation process, CO₂ that would have been emitted is combined with green hydrogen by the biocatalyst to synthesize a low carbon intensity methane. The renewable gas replaces fossil natural gas, thus reducing greenhouse gas emissions, storing intermittent renewable energy, and preserving valuable investments in existing gas distribution, storage and end use infrastructure.

The Selection Process

The total number of nominations from the public, Cleantech Group's expert panel, i3 research portal, awards, and Cleantech Group staff totaled 15,753 from over 93 countries. These companies were weighted and scored to create a short list of 330 companies that were reviewed by the 81 members of an expert panel. The Global Cleantech 100 Expert Panel is made up of leading investors, corporate and industrial executives who are active in technology and innovation scouting.

The Global Cleantech 100 program has been running since 2009.

This highly anticipated annual report brings you the complete list of companies with the most promising ideas in cleantech – the ones best positioned to help us build a more digitized, de-carbonized and resource-efficient industrial future.

"This *Global Cleantech 100* edition is remarkable for the number of businesses in it who represent solutions for some of the hardest of decarbonization challenges and those who are working on some of the critical materials issues coming our way, real soon," said **Richard Youngman, CEO, Cleantech Group**. "We salute not only these 100 companies, but all the thousands beyond, who are fighting the good fight."

Mich Hein, Electrochaea's CEO, said "The Global Cleantech 100 ranking is a powerful initiative that brings a high level of visibility to the most advanced cleantech companies. Our world needs technologies that can be used immediately to secure our energy supply and protect the climate at the same time. Electrochaea offers just that. Our team is honored to be recognized by the international cleantech community for our work."

The featured companies are recognized at the Cleantech Forum North America in Palm Springs, CA. Attendees connect with many of the companies on the list, along with many other rising stars.

About Electrochaea GmbH

Electrochaea provides technology to produce renewable synthetic methane, a fuel that replaces natural gas and can be stored and transported in the existing gas grid. Electrochaea's patented process combats climate change by using CO₂, producing a renewable fuel, and providing a solution for long-term storage of intermittent renewable energy. The company plans to deploy its technology with partners to produce more than 15 billion cubic feet per year of renewable methane by 2025. Industrial-scale pilot plants have been commissioned in the U.S., Switzerland and Denmark. Electrochaea is headquartered in Munich, Germany, with subsidiaries in Denmark and the United States. Visit us at www.electrochaea.com.

About Cleantech Group

Cleantech® Group provides research, consulting and events to catalyze opportunities for sustainable growth powered by innovation. At every stage from initial strategy to final deals, we bring corporate change makers, investors, governments and stakeholders from across the ecosystem the access and customized support they need to thrive in a more digitized, de-carbonized and resource-efficient future.



Electrochaea was recognized as a member of the Global Cleantech 100 2023 at the Cleantech Forum North America in Palm Springs, California. Fltr: Maria Guerico, (VP, Commercial Insurance, Chubb), Mich Hein (CEO, Electrochaea), Richard Youngman (CEO, Cleantech Group), © Electrochaea

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