

Electrochaea has developed a commercially viable and disruptive solution for utilityscale energy storage, grid balancing, and carbon reuse. Their proprietary process converts low-cost and stranded electricity and carbon dioxide into ...

Electrochaea's P2G process is so flexible that it can help stabilize the electricity grid through the provision of reserve energy and frequency regulation. And because carbon dioxide is used as a feedstock in the process, our renewable gas can reduce greenhouse gas emissions by up to 50%. ... Electrochaea GmbH Semmelweisstrasse 3 Planegg ...

Sirius Venture Partners GmbH is a German venture capital company focusing on technological growth markets. It concentrates on venture capital investments in companies from seed to early expansion phases with an outstanding growth potential through innovative technologies, products and business models. ... Electrochaea GmbH Semmelweisstrasse 3 ...

Electrochaea??
CO2??? ...

Munich, 19.11.2024 - Electrochaea and Hitachi have signed a five-year technology transfer and licensing agreement. Hitachi will deploy Electrochaea's patented technology to produce clean, synthetic methane at the first biomethanation plant in Japan, with commissioning targeted in 2027. ... Electrochaea GmbH Semmelweisstrasse 3 Planegg ...

Electrochaea is pleased to announce the commissioning of its power-to-gas demonstration facility in Foulum, Denmark. Using a 10,000-liter bioreactor, the project showcases the world's largest power-to-gas demonstration facility based on biological methanation. ... Electrochaea GmbH Semmelweisstrasse 3 Planegg, Germany Phone: +49 89 3249 3670 ...

The cleantech start-up Electrochaea has successfully closed a Series A venture round and is receiving several million Euros for further developing its power-to-gas technology and for financing the future growth of the company. ... Electrochaea GmbH Semmelweisstrasse 3 Planegg, Germany Phone: +49 89 3249 3670 Fax: +49 89 3249 36766. Imprint and ...

Electrochaea, Carbonaxion Bioénergies and Énergir are joining forces to develop an innovative Power-to-Gas (#P2G) project in Québec, Canada. This collaboration leverages Electrochaea's market-ready bio-methanation technology to convert renewable electricity into renewable methane. ... Electrochaea GmbH Semmelweisstrasse 3 Planegg, Germany ...

Electrochaea appreciates the opportunity to comment on the proposed rule for RFS Standards for 2023-2025. At the US EPA public hearing, @Chris Wilson, our Renewable Energy Engineer, testified on behalf of Electrochaea in support of the adoption of a definition for "produced from renewable biomass". ... Electrochaea GmbH Semmelweisstrasse 3 ...

Munich, 26.08.2024 - After three years, Electrochaea, a leading power-to-gas company, has successfully completed the EIC Accelerator program, which is co-funded by the European Innovation Council (EIC) and supports innovative companies in bringing their products and services to market. ... Electrochaea GmbH Semmelweisstrasse 3 Planegg ...

Es wurde vom BMBF unter dem Förderkennzeichen 031B0851E für die Electrochaea GmbH mit einer Summe von 389.770,00 Euro gefördert. Die Laufzeit des Projektes betrug 47 Monate. Förderdatenbank. Beginn des Förderprojektes "KMU-innovativ - KMUi-B&U;02: PtGMEC - Entwicklung einer hochdichten mikrobiellen Power-to-Gas-Elektrolysezelle" (BMBF ...

February 20, 2019 - press release: Storengy pioneers power-to-gas market with investment in Electrochaea GmbH Press Releases. zoom view. February 4, 2019 - press release: Electrochaea wins Recognition on Global Cleantech 100 List Press Releases.

At Electrochaea, we use microorganisms, ancient archaea, as a biocatalyst to transform green hydrogen and emitted CO₂ into one remarkable, renewable resource - synthetic methane. How the Technology Works . Our patented biocatalyst converts green hydrogen and carbon dioxide into BioCat Methane, a pipeline-grade renewable gas.

Das Münchner Start-up Electrochaea will Erdgas durch grünes Methan ersetzen - mit Hilfe uralter Mikroorganismen. Warum es dafür erst Wasserstoff abspalten muss und die ...

In 2020 Electrochaea received funding from the European Innovation Council (EIC), confirming that their market-ready innovations contribute to the goals of the European Green Deal and the UN agenda for sustainable development. ... Electrochaea GmbH Semmelweisstrasse 3 Planegg, Germany Phone: +49 89 3249 3670 Fax: +49 89 3249 36766. Imprint and ...

Regensburg/ Planegg - May 6, 2019 - Green light for the trial operation of the novel ORBIT bioreactor: On May 15, 2019, the ORBIT power-to-gas research plant at OTH Regensburg will be presented to the public. ORBIT is a joint research project on biological methanation coordinated by OTH Regensburg together with Electrochaea GmbH, Deutsches Archäeumzentrum, ...

Electrochaea GmbH is a dynamic, growth-stage company with headquarters, engineering and development teams in Munich, Germany. Electrochaea's subsidiaries are in Denmark and the United States. About us. Electrochaea GmbH Semmelweisstrasse 3 Planegg, Germany Phone: +49 89 3249 3670

Electrochaea GmbH. In dieser Pilotanlage in Dänemark wird der Prozess zur Herstellung von klimaneutralem Methan bereits erprobt. Biomethan gilt als nachhaltiger Energieträger. Es kann nicht nur zur Strom- und Wärmeerzeugung, sondern auch als Kraftstoff eingesetzt werden und damit einen entscheidenden Beitrag zum Klima- und Umweltschutz ...

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