

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.

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 ...

Planegg, August 6, 2020 - Electrochaea receives funding from the European Innovation Council (EIC), confirming that their market-ready innovations make an important contribution to the goals of the European Green Deal and the UN agenda for sustainable development. Electrochaea specializes in biological methanation. Microorganisms in bioreactors convert CO₂ and ...

MUNICH, HOUSTON and LONDON (BUSINESS WIRE) - June 28, 2021 - Baker Hughes (NYSE: BKR), an energy technology company, has announced an investment in Electrochaea, a growth stage company developing novel proprietary bio-methanation technology. Through its investment, Baker Hughes will enhance its broader carbon capture and ...

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

Erstmals in der Schweiz erneuerbares Methan mittels Urbakterien hergestellt Solothurn, 19. Juni 2019 - Auf dem Areal Aarmatt der Regio Energie Solothurn wurde am Freitag, 31. Mai 2019, mithilfe des von Electrochaea entwickelten Biomethanisierungsprozesses aus erneuerbarem Strom erstmals erneuerba

Electrochaea, the world's leading technology provider for the production of carbon-neutral and fossil-free synthetic biomethane, today announced that it has entered a Cooperative Research and Development Agreement (CRADA) with the Lawrence Livermore National Laboratory (LLNL) and SoCalGas. ... Electrochaea GmbH Semmelweisstrasse 3 ...

Electrochaea??
CO2?? ...



Mauritius electrochaea gmbh

Electrochaea GmbH offers a nationally and internationally patented power-to-gas key technology based on biocatalysis, which recycles CO₂ cost-effectively and at the same time produces biological methane that can be stored and used as required from excess electrical energy. The first pilot plant used on an industrial scale is successfully ...

Munich/Birmingham (UK), August 12, 2024 - Electrochaea, one of the world's leading providers of Power-to-X technology, has been awarded the AD and Biogas Industry Award in Birmingham, UK. The award, presented by the World Biogas Association in collaboration with the Anaerobic Digestion and Bioresour ... Electrochaea GmbH Semmelweisstrasse 3 ...

Das Münchner Startup Electrochaea hat eine neuartige Power-to-Gas Technologie zur Energiespeicherung auf Netzebene entwickelt. Das offizielle Startup-Portal für München ... Electrochaea GmbH Semmelweisstrasse 3 82152 Planegg. Letzte Beteiligung. Jan 2022. Startup bearbeiten. Funding. Funding rounds. Date Investors Amount Round; Feb 2018: ...

Energie 360° is partnering with the German company Electrochaea GmbH to step up the development of the power-to-gas technology concept. Power-to-gas is a versatile technology that makes it possible to store surplus power from ...

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.

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 ...

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 pipeline-grade renewable gas.

Munich/Copenhagen, February 28, 2017 - Electrochaea GmbH, one of the leading clean-tech companies in the power-to-gas market, has successfully patented a strain of microorganisms specially developed for efficient biocatalytic methane production. The patent for the EU was recently validated in Denmark, where Electrochaea has been operating the ...

Web: <https://foton-zonnepanelen.nl>

