



At Electrochaea, as a Project Manager Gianluca will lead integrated teams of internal and external stakeholders. Gianluca holds a Master in Chemical Engineering from the University of Bologna, Italy, and a Full-Time MBA from Cranfield School of Management, United Kingdom.



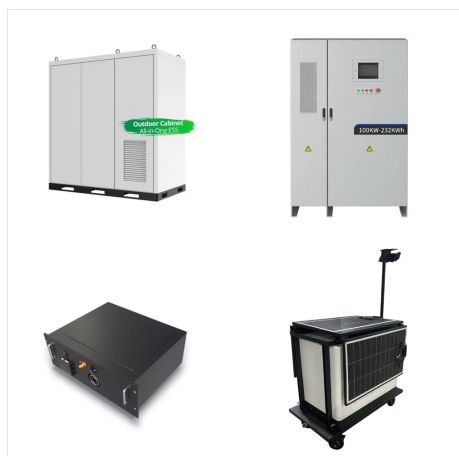
Electrochaea delivers a technology to produce renewable methane, a drop-in fuel for natural gas, that can be stored and transported in the existing gas grid. Electrochaea's patented process addresses the climate challenge by utilizing CO₂, producing a renewable fuel, and providing a solution for long-term storage of intermittent renewable



Electrochaea GmbH delivers innovative, patented technology to produce high-quality, carbon-neutral methane that, like natural gas, can be stored and used on demand through the existing grid. Electrochaea developed the patented BioCat methanation process.



Electrochaea's proprietary power-to-gas (P2G) process converts renewable energy into hydrogen through electrolysis. This green hydrogen and climate-harming carbon dioxide are then converted by the archaea into grid-quality renewable synthetic methane for storage and distribution.



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.



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



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Electrochaea's biomethanation technology, which has been proven in two demonstration plants, one in Denmark and one in Switzerland, is an ideal solution to replace fossil gas with fully renewable gas and to participate in the energy transition."