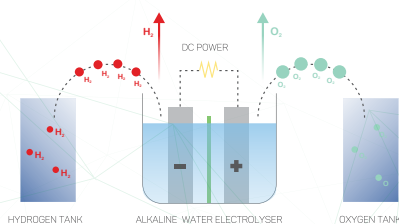


Building a low-carbon, climate resilient future

Large-scale low-temperature electrochemical CO₂ conversion to sustainable and climate-neutral e-fuels & chemicals

ECO2Fuel is an EU project under Horizon2020 (Green Deal). It aims to design, manufacture, operate, and validate the worldwide first low-temperature 1MW direct, electrochemical CO₂ conversion system to produce economic and sustainable e-fuels and chemicals.

The ECO2Fuel system



Directly reduces CO₂ through electrocatalytic conversion. This process uses water and renewable electricity.



Is designed to efficiently couple with renewable energy sources due to its compatibility with dynamic loads.



Produces liquid e-fuels, which will be evaluated as green alternative feedstock in Europe's transport and energy sectors.



Funded by the European Union

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement no. 101037389

Follow ECO2Fuel's journey!



+49 711.68620

contact-dlr@dlr.de

Visit our website
eco2fuel-project.eu

