

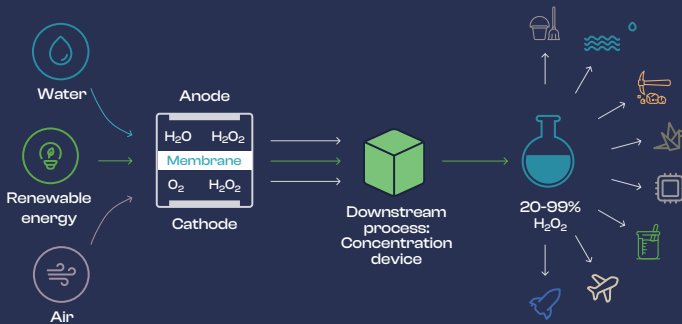


Towards sustainable hydrogen peroxide production

Establishing a new electrochemical production route for H_2O_2

Power2Hype is a four-year project funded by the Horizon Europe programme that aims to establish a green and economically viable route for producing hydrogen peroxide (H_2O_2), using air and water as feedstocks and renewable energy as the only source of energy.

Aiming for the electrification and decentralisation of the chemical industry, Power2Hype works toward the TRL 5-6 demonstration of electrolytic hydrogen peroxide production at any given concentration (from 20 to 99%). The process is designed to be applied at the site where it is needed, eg., for sanitation purposes, bleaching applications or even as propulsion fuel.



Who are we?

The Power2Hype consortium is a multidisciplinary partnership consisting of 11 legal entities located in Germany, Belgium, the Netherlands, Austria, Spain, and Portugal.



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