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PYROCO$_2$

Demonstrating sustainable value creation from industrial CO_2 by its thermophilic microbial conversion into acetone

THE PROJECT

The PYROCO₂ project, funded in the frame of Horizon 2020 programme (Topic LC-GD-3-1-2020 - Closing the industrial carbon cycle to combat climate change - Industrial feasibility of catalytic routes for sustainable alternatives to fossil resources), will demonstrate the scalability and economic viability of carbon capture and utilization (CCU) to make climate-positive acetone out of industrial CO_2 and renewable electricity derived hydrogen.

€ 43mln BUDGET

60 months DURATION

20 PARTNERS

PARTNERS

SINTEF, secondcircle, DTU, ARKEMA, cnrs, KIT, Cardiech, axelera, Firmenich, NORCE, HERØYA INDUSTRIPARK, CHALMERS, BIOPROCESS TECHNOLOGY, norner, SCGC, JM Johnson Matthey, Ranido, NextChem, ecoinnovazione, Vestfold and Telemark COUNTY COUNCIL

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