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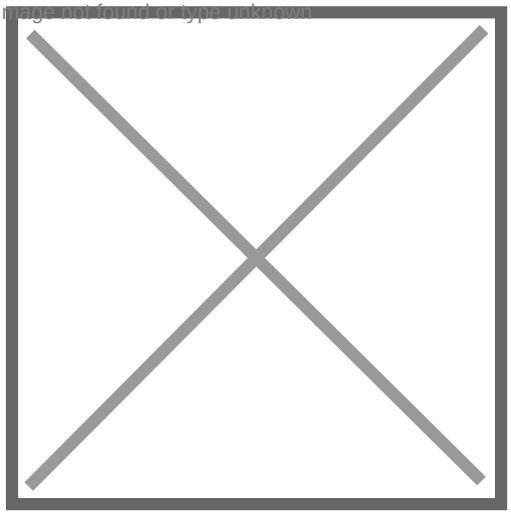

SPIRE-02-2014

MefCO2

Full Title: MefCO2 (Methanol fuel from CO2) - Synthesis of methanol from captured carbon dioxide using surplus electricity.

Aim:

To develop an innovative green chemical production technology which contributes significantly to the European objectives of decreasing CO2 emissions and increasing renewable energy usage, thereby improving Europe’s competitiveness in the field.

Concept:
The overall concept underpinning the project lies in the utilisation of ordinarily emitted greenhouse gas carbon dioxide and hydrogen, produced from redundant electrical energy into a widely-useable platform chemical, methanol. The technology is being designed in a modular intermediate-scale, with the aim of being able to adapt it to varying plant sizes and gas composition.
https://spire2030.eu/mefco2

Start date:
01/12/2014

End date:
30/11/2018