



SPIRE-02-2014

MefCO2

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

Aim:

<p>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.</p>

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