



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

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