

What makes +C2FUe-LS unique?

Cold plasma-assisted
CO₂ hydrogenation

Hybrid bio-, chemo-
and nanocatalysis

Advanced MOF-based
structured catalyst systems

Selective alcohol
production without
additional purification steps

Highly energy-efficient
processes

 **€4M**

EU funding



7 PARTNERS

across Spain, France,
Belgium & Germany

**The consortium combines
world-leading expertise in:**

- Cold plasma catalysis
- Reactor engineering
- Sustainability and techno-economic assessment
- Advanced nanomaterials



+C2FUe-LS



www.c2fuels.eu

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+C2FUe-LS

Plasma-assisted CO₂ conversion to fuels

Recycling carbon

Powering transport

Advancing climate-neutral industry

A Horizon Europe Project (2025–2029)



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PLASMA-ASSISTED CO₂ CONVERSION

