



# c<sup>5</sup>Lab

Sustainable  
Construction  
Materials  
Association

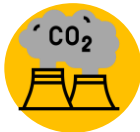
CLINKER  
CONSTRUCTION  
CLIMATE  
CONCRETE  
CEMENT



# Who are we?

The **c<sup>5</sup> Lab** is a **sustainable construction materials association and R&D platform** for the **development of innovative technologies** for the sustainable production of cement, mortar and concrete with a reduced CO<sub>2</sub> footprint.

Based on a holistic approach, the **c<sup>5</sup> Lab** addresses the several links of the production chain: alternative raw materials, **CO<sub>2</sub> capture and reuse**, synthetic fuels, energy efficiency, eco-efficient cements, eco-efficient cementitious materials. Research activities in the **c<sup>5</sup> Lab** follow three main areas.



**AREA 1- Carbon Capture, Utilization and Storage**

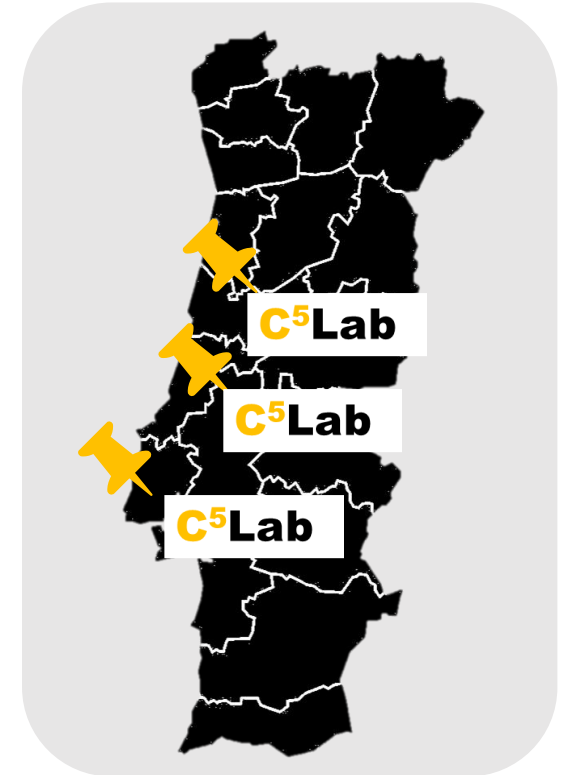


**AREA 2- Energy Transition and Efficiency**



**AREA 3- Novel Cementitious Materials**

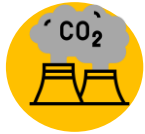
## Our Location



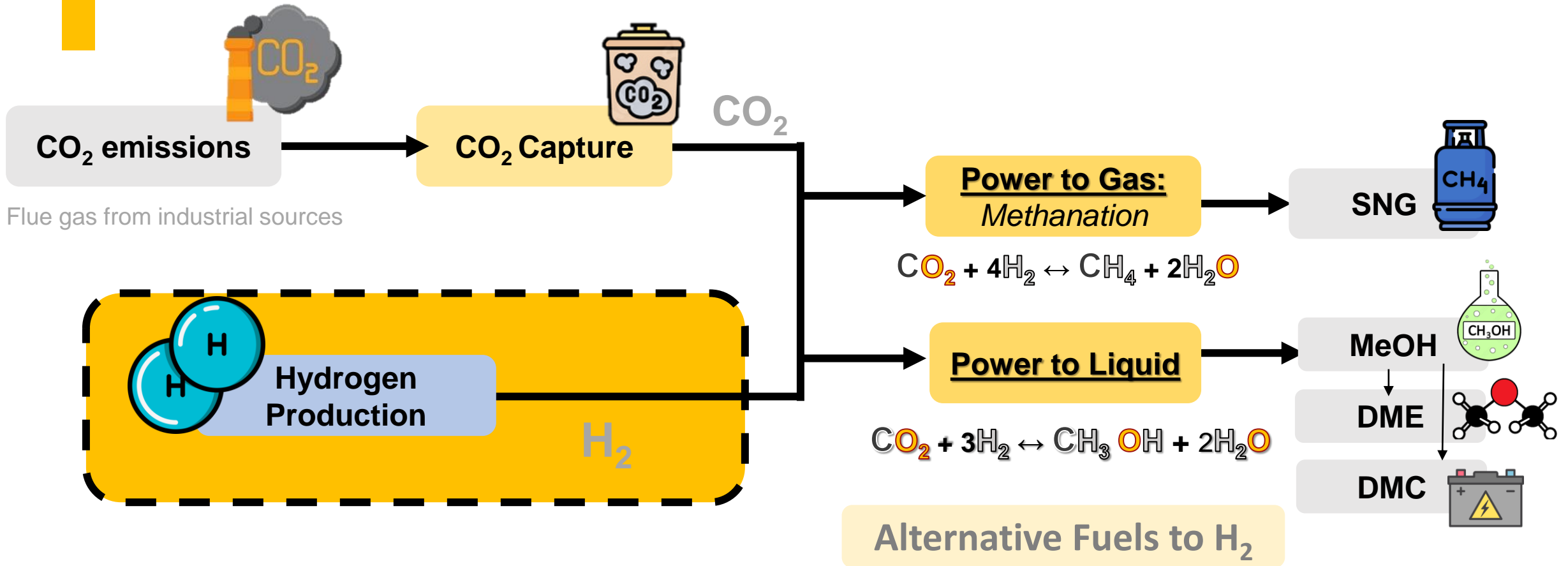
## Our Associates



# What is one of our expertise?



AREA 1- Carbon Capture and Utilization and Storage: *Carbon Use-Green Fuels & Chemicals*



# What we are looking for?

## Our Role and Contributions

*Partner to achieve a complete consortium*

Allow future *end-users* to engage hydrogen as a way to decarbonize the industry

## Submitted proposals (EU calls)

- ERA-MIN 3 ERA-NET Cofund: RECYCL3D
- Green deal: H2020-GD-4-1-2020- Pos4GREEN
- Green deal: H2020-LC-GD-5-2020- Accuracy

## Other funding interests

**HORIZON-CL5-2022-D3-02-03**

Innovative renewable energy carrier production for heating from renewable energies

**HORIZON-CL5-2022-D3-02-05**

Renewable energy carriers from variable renewable electricity surplus and carbon emissions from energy-consuming sectors

**HORIZON-CL5-2022-D3-02-06**

Direct renewable energy integration into process energy demands of the chemical industry

# What do we do on a daily basis



Consulting

Research & Development



Analysis

Training



For more information, contact us! See details in the next slide!

# GET IN TOUCH



**LINKEDIN**

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