



# Horizon Europe

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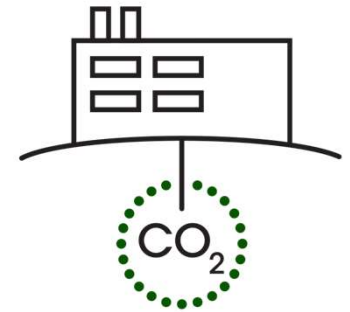
## Carbon Capture, Utilisation and Storage (CCUS)

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## Main expected outcomes



- **Sharing knowledge and best practices, in particular on connecting industrial CO<sub>2</sub> sources with potential bankable storage sites**
- **Integrating CO<sub>2</sub> capture, CO<sub>2</sub> storage and CO<sub>2</sub> use in industrial facilities**
- **Reduced cost of the CCUS value chain, in particular capture**
- **Measurement, Monitoring and Verification (MMV) for storage and use**
- **DACCS and BECCS in view of achieving the net zero targets**

# HORIZON-CL5-2023-D3-01-17

## Development of CO2 transport and storage demo projects



### SCOPE

- **Development of new demonstration projects connecting CO2 sources with potential storage sites.**
- **The demo project is expected to be the basis and orientation for future full-size projects, and must thus address scalability, commercialisation and deployment, in particular through the Innovation Fund.**
- **Engage relevant societal stakeholders.**
- **Budget: EUR 40 million (2 projects)**
- **Call closed 30 Mar 2023**

# HORIZON-CL5-2024-D3-02-11

## CCU for the production of fuels



### SCOPE

- **New solutions for the conversion of captured CO<sub>2</sub> from different sources to fuels.**
- **Assess CO<sub>2</sub> mitigation potential through an LCA following guidelines such as the Innovation Fund GHG methodology. Address scalability, commercialisation and deployment, in particular through the Innovation Fund.**
- **Engage relevant societal stakeholders.**
- **Budget: EUR 15 million (2 projects)**
- **Opening: 17 Sep 2024; Deadline: 21 Jan 2025**

**HORIZON-CL5-2024-D3-02-12**

## **DACCS and BECCS for CO2 removal/negative emissions**



### **SCOPE**

- **Accelerate the development of DACCS and BECCS, and addressing the environmental, social and economic challenges and benefits.**
- **Assess CO2 mitigation potential through an LCA following guidelines such as the Innovation Fund GHG methodology. Address scalability, commercialisation and deployment, in particular through the Innovation Fund.**
- **Engage relevant societal stakeholders.**
- **Budget: EUR 15 million (2 projects)**
- **Opening: 17 Sep 2024; Deadline: 21 Jan 2025**

## **HORIZON-CL5-2023-D2-01-07**

### **Support for the deployment of R&I results for climate mitigation. Synergies with the ETS Innovation Fund**



#### **SCOPE**

- **Facilitate technologically, financially, and operationally mature projects from Horizon 2020 to reach deployment phase through the Innovation Fund.**
- **Consortia should include partners from at least 3 different Horizon 2020 projects. Each CSA should produce a number of proposals (including detailed plans for scalability, commercialisation, and financial models) to be presented to the IF.**
- **Budget: EUR 4 million (4 projects)**
- **Opening: 13 Dec 2022; Deadline(s): 18 Apr 2023**

## #HorizonEU

<http://ec.europa.eu/horizon-europe>



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