



What we are looking for

- Research and innovation projects focused on accelerating CCUS technology development.
- Projects that make a significant contributions to the green transition, aiming for substantial CO₂ emission reductions by 2030 and paving the way for net-zero emissions by 2050 and beyond.
- Emphasis on projects that drive meaningful progress towards achieving CO₂ emission reduction goals while advancing CCUS technology.

CCUS

- CO₂ capture from point sources or directly from air
- Transport captured CO₂
- Store CO₂ in geological formations or use CO₂ to produce valuable products



Requirements

- Projects ending at TRL 5 or higher
- Activities at lower TRLs may be included if they contribute to the higher TRL goal of the overall project
- Active industrial involvement in research and innovation activities.
- Applied funding from the Call in the range of (but not limited to) €1–4 million
- Please also make sure your application meets all national eligibility criteria

Targeted topics

- CO₂ capture from energy intensive heavy industries (cement, iron/steel, aluminum, other metals, waste to energy, etc), power generation, marine transport, and hydrogen production from natural gas
- Advancing lower cost CO₂ capture technologies that can effectively remove 95-100% of CO₂ from flue gases with dilute CO₂ concentrations
- CO₂ transport and storage infrastructure
- Develop commercial CO₂ storage sites
- Enabling CCUS technologies, including the CO₂ capture, conversion, and utilization value chain
- Negative emission technologies: carbon dioxide removal (CDR), reactive capture (RC), direct air capture (DAC), biomass with CCS (BECCS), and biomass carbon removal and storage (BiCRS).

Please read the Call Text for more details!