



INNOVATION HUB

CARBON CAPTURE, UTILISATION & STORAGE

NEFI Innovation Hubs are specialised networks led by renowned research institutions. They initiate highly relevant research and innovation projects.

Carbon Capture, Utilisation & Storage

Target groups: Cement, refractories and non-ferrous minerals, pulp and paper, steel, chemicals

Services offered by the NEFI Innovation Hubs

- NEFI Technology Talks:
A range of networking and information events
- Support throughout the entire innovation process: From project idea, application submission, to impact assessment
- Access to state-of-the-art laboratory infrastructure
- Effective dissemination and exploitation of solutions and results

Carbon Capture, Utilisation and Storage (CCUS) includes technologies for capturing, storing, and ideally reusing significant amounts of CO₂ from production processes. They play a crucial role, particularly in industrial sectors where CO₂ emissions cannot be fully avoided by using renewable energy sources alone.

KEY FOCUS AREAS

Technology development and energy efficiency improvement of capture and synthesis plants

Identification of CO₂ storage potentials in Austria

Integration of CCUS plants into the Austrian energy and infrastructure system (demonstration and pilot plants)

Analysis of techno-economic and ecological aspects, as well as studies on social acceptance, market models, and legal frameworks.



CONTACT DETAILS

office@nefi.at
www.nefi.at/en/
www.vorzeigeregion-energie.at
www.nefi.at/en/innovation-hubs

HUB CO-LEADS



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