



The 'DACStorE Transformation Hub' is a virtual platform hosting different types of events and information based on the DACStorE research.

## The Hub offers

- Access to information related to DACS
- Easy contact to DACS experts and stakeholders
- Networking between stakeholders and DACStorE scientists

### **Overview Activities:**



### **DACStorE Network**

The network connects DACS-interested companies, authorities and advocacy groups with DACStorE and among each other.



# 15 reports on DACStorE research results

The release is accompanied by a public presentation of the main findings.



#### 10 co-creation workshops

Bidirectional information and knowledge exchange between the DACStorE subprojects and different stakeholder groups.



# DACS Talks

DACStorE PhDs present recent findings to the target group "general society" on a quarterly basis.



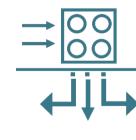
## **DACS Atlas**

A graphical user interface for displaying DACS potentials and moderating constraints in different regions.



#### **DACStorE** Repository

The database contains results, technical characterization and data of energy system modeling and further models.



#### Mini-plant and installation

Enables demonstration and materials testing.

# **Additional Transfer Activities:**

#### Internal exploitation workshops

Workshops assessing the innovation and transfer potential with regard to IP generation, exploitation paths, use-cases, map the value chain mapping, and included stakeholders.

# Preliminary schedule of activities

#### 2023

Q3 Report: DAC boundary conditions and suitable adsorbent materials for further investigation

Q4 **Database**: Stakeholders

Online survey regarding DACS acceptance starts

#### 2024

- Q1 Beginning of **DACS Talks** (quarterly until end of project)
- Q2 **Report**: Policies for econom. and environ. sound investments in DACs **Report**: Worldwide negative emission demand in five exemplary years
- Q3 Report: Statement about worldwide NETs potentials besides DACS Report: Comparison of SoA approaches for electro-swing DAC Co-creation workshop: Aligning and sharpening the model

#### 2025

- Q1 **Co-creation workshop series** (Q1-Q4) with 5 workshops for various stakeholder groups and 1 joint final open space workshop
- Q3 **Report**: Adsorption/desorption behavior of investigated materials **Report**: International laws governing transboundary CO<sub>2</sub> transport

#### 2026

Q1 Report: Recommendations on DACS acceptance

Report: Fact sheet on legal conditions for DACS integration into ETS

Q3 Co-creation workshop: Risks, costs, & problems inherent in DACS Co-creation workshop: Electro-swing technologies

Q4 Co-creation workshop: Technology presentation to externals

# 2027

Q1 Report: Life cycle assessment for 2 DACS technologies

Report: Life cycle costing for 2 DACS technologies

Co-creation workshop: Introducing the DACStorE Plant Designer

Q3 Final report: Quantification of impact of proposed DAC facilities

Report: Social life cycle assessment for 2 DACS technologies

Report: Life cycle sustainability assessment for 2 DACS technologies

Report: Implications of a broad roll-out of DACS technologies

Q4 Report: Technology roadmap evaluating the status of DAC pathways

Report: Strategically relevant sites for DACS and infrastructure

Mini-plant and installations complete

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