

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 sub-projects 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

**Get in Touch:**

dacstore-info@fz-juelich.de

**Visit our Website:**

dacstore-project.com



**Grab the Poster:**

