



## European CCUS Workshop

ECCSEL ERIC

23. May 2022

Brussel / Video Conference



The ECCSELERATE project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 871143.

# Roundtable with Ministry, Industry, Research and ECCSEL ERIC representatives

- a. How can additional European countries join ECCSEL ERIC and what are the benefits?
- b. How can engineers, scientists, and students access ECCSEL ERIC research facilities and services?
- c. Investments in new ECCSEL ERIC research facilities



# How can additional European countries join ECCSEL ERIC and what are the benefits?

**Who can join?** Member States of the European Union, associated countries, third countries other than associated countries, intergovernmental organisations.

**How to join?**

1. ECCSEL contacts you / you contact ECCSEL (universities, research institutes, industry, ministry)
2. List of (initial) potential facilities and potential node
3. Meeting with facility owners
4. Meeting with ministry
5. Complete & send application form
6. ECCSEL GA approves application
7. Invited to next General Assembly meeting

**Commitments:**

- Pay annual fee (administrative costs)
- Provide a minimum of one facility
- Support/initiate integration of national facilities in own and other Member States
- Attend General Assembly and RICC meetings.



# How can additional European countries join ECCSEL ERIC and what are the benefits?

## **Be part of a European approved RI legal entity**

- ✓ International visibility and common marketing
- ✓ Increased opportunities for external cooperation
- ✓ Cost sharing and savings.
- ✓ Influence on international CCUS policies
- ✓ Partnership with other EU initiatives

## Benefits

- ✓ Common strategies increase cooperation and facilitate synergies
- ✓ Access to ECCSEL ERIC resources/services
- ✓ Participate in ECCSEL ERIC events (training, conferences, etc) at preferential rates
- ✓ Use ECCSEL ERIC branding

## **Increased dedicated funding through**

- ✓ EU Research and Innovation programmes, e.g., ERA ACT, Horizon Europe, etc.
- ✓ National grants and joint industry investments
- ✓ Joint / coordinated funding applications



# How can additional European countries join ECCSEL ERIC and what are the benefits?

## Increased facility utilisation

- ✓ European strategy to fill gaps of services not yet provided
- ✓ Standardised access process
- ✓ Increased turnover
- ✓ Synergised communication efforts

## New investments, activities, and business opportunities

### Benefits

- ✓ New research projects (including facilities expansions and investments)
- ✓ Capacity building, education, and training
- ✓ Innovations, spin-offs, and job opportunities

## Funding Policy

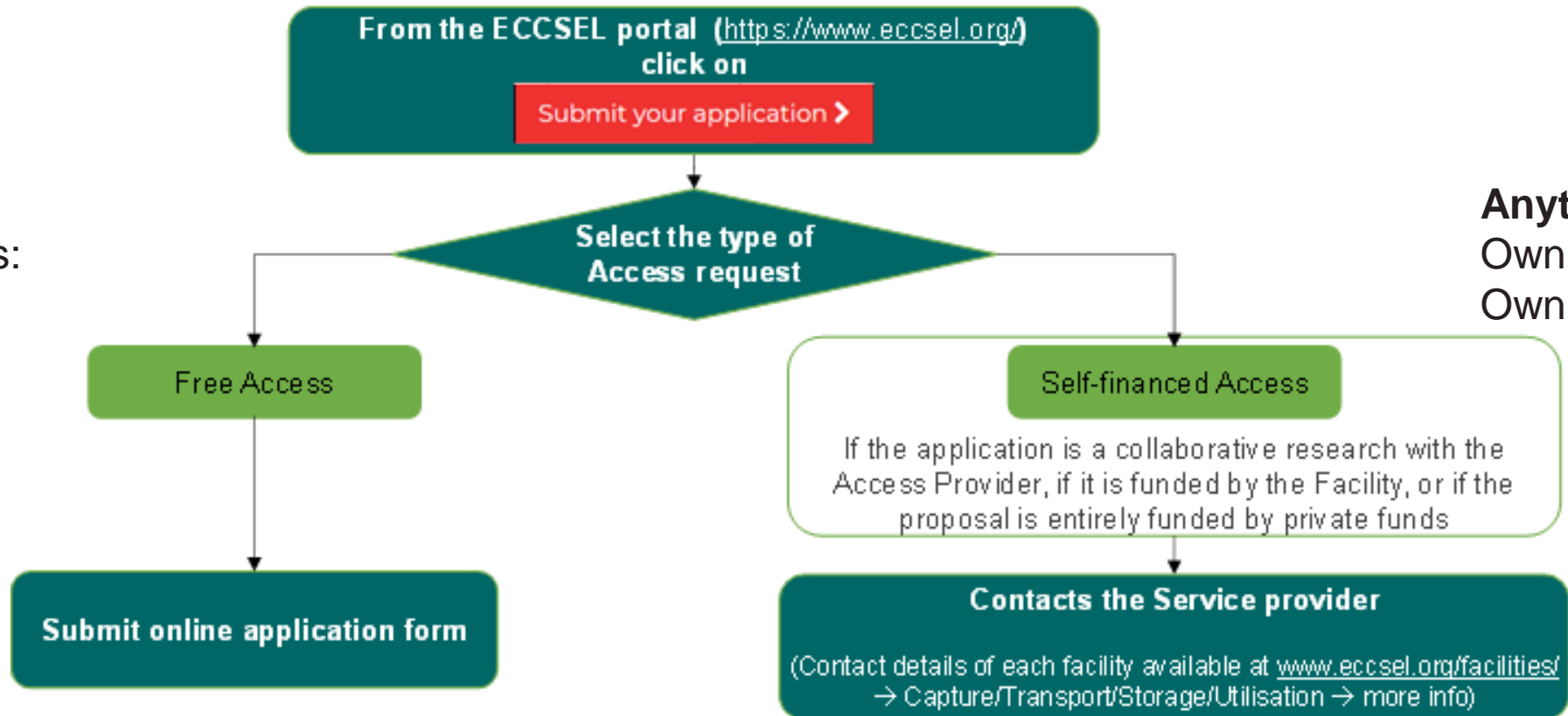
- ✓ ECCSEL solicits joint funding from the European Union, industry, and regional and national agencies.
- ✓ Members have the authority to decide how to assume their contributions to ECCSEL ERIC.
- ✓ Operational costs of facilities are covered by facility users, subject to funding via research projects, grants and industry or own funding.



# How can engineers, scientists, and students access ECCSEL ERIC research facilities and services?

Open Access - all interested researchers, scientists and students based on competition and evaluation of Applications.

**Calls for access**  
ECCSEL Projects:  
ECCSELERATE  
StoRIES  
Geo-Inquire  
Other projects:  
ACT  
...



**Anytime**  
Own projects or  
Own funding



# How can engineers, scientists, and students access ECCSEL ERIC research facilities and services?

Services open for a global market

- Full physical personal access (upon training and approval)
- Remote virtual access
- Indirect access (experiments by facilities' staff)
- Technical advisory and training in a wide range of experimental, data analysis, and modelling topics
- Comprehensive services within CO<sub>2</sub> capture, transport, utilization, storage, and cross-cutting CCUS topics
- Experimental planning
- Experimental support
- Technology testing and / or phenomena investigation in high quality facilities
- Data processing, analysis and modelling



# Investments in new ECCSEL ERIC research facilities

Who owns? Facility owners (currently 23)

Who pays? Own / Industry / Regional / National or EU (structural) funds

Basis: ECCSEL has made a gap analysis of research gaps 'research priorities' and facility gaps and created an infrastructure implementation plan

New facilities submitted to Research Infrastructure Coordination Committee for review and inclusion

What? Facilities for CO<sub>2</sub> capture, transport, utilisation, storage (and selected related areas)

