



CO₂GeoNet

The European network of excellence
on the Geological Storage of CO₂

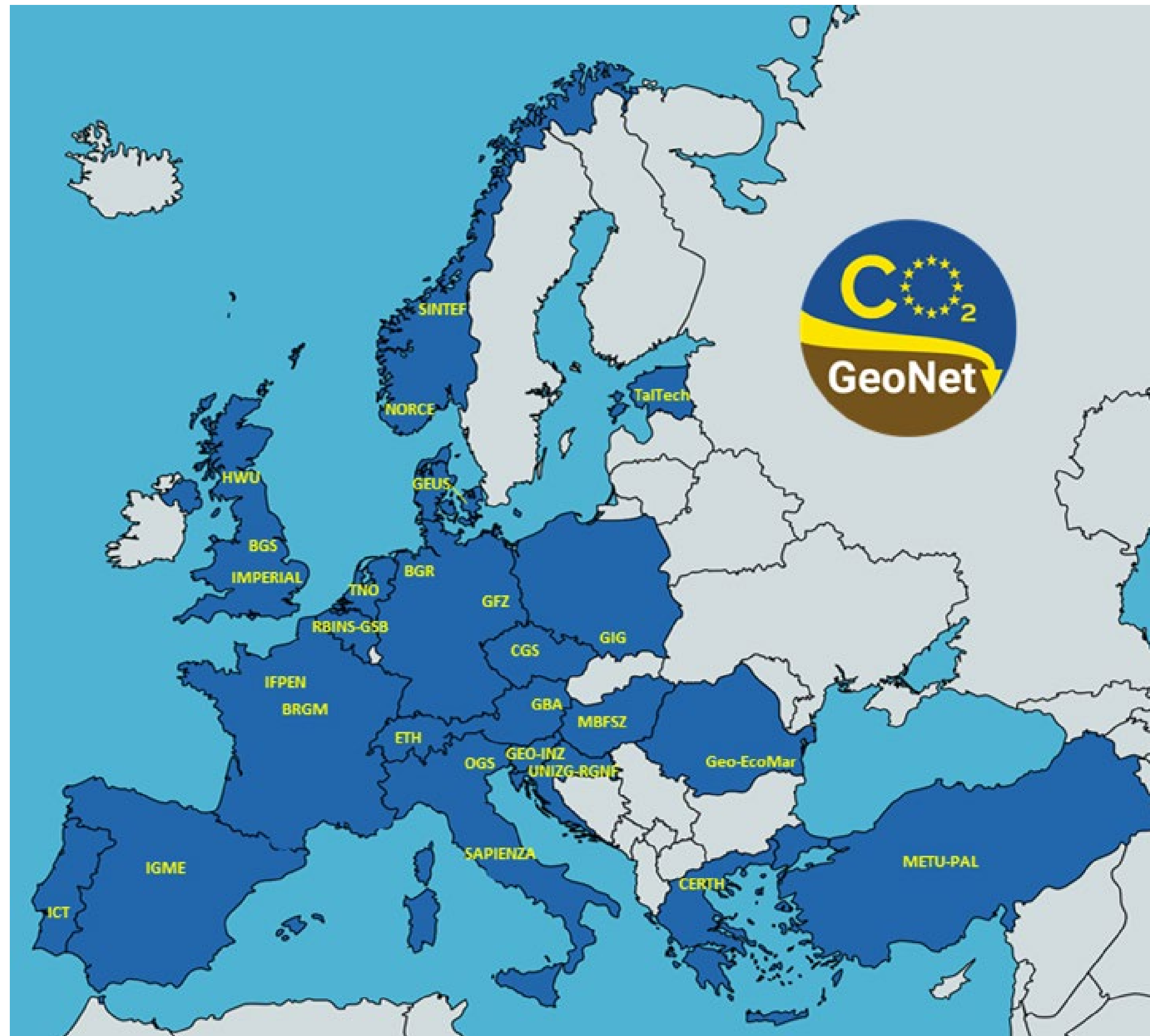
CO₂GeoNet update

Ceri Vincent, CO₂GeoNet-BGS

CSLF Technical Group, June 2023



CO₂GeoNet: the European Network of Excellence on CO₂ geological storage



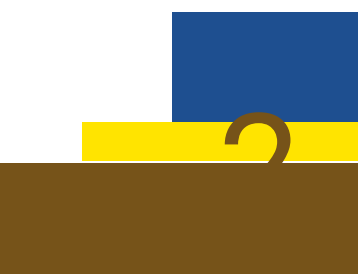
- ✓ Created as a
EU **FP6 Network of Excellence** 2004-2009
- ✓ Became an **Association** under French law in 2008
- ✓ The Association is growing and now comprises
27 research institutes from
21 countries
- ✓ Unites over **300 researchers** with the
multidisciplinary expertise needed to address all
aspects of CO₂ storage



CO₂GeoNet

The European network of excellence
on the Geological Storage of CO₂

www.co2geonet.com





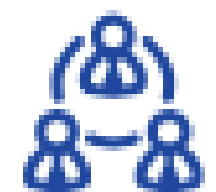
CO₂GeoNet EXPERTISE

Domains: geology, geophysics, geochemistry, geomechanics, microbiology and more!

Applications: Storage characterisation and usable capacity assessment, containment and risk evaluation, monitoring programme design, etc.

CO₂GeoNet CONTRIBUTION accelerating the full-scale deployment of CO₂ geological storage through:

- ✓ Expertise and experience
- ✓ CO₂ geological storage research
- ✓ Dialogue and exchange of ideas
- ✓ Impartial science-based advice
- ✓ Best practice and recommendations
- ✓ Input to policy and regulations



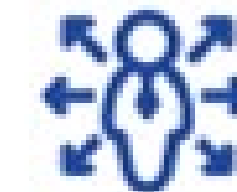
**Research & Internal
Networking**



**Scientific Advice &
International Collaboration**



**Training & Capacity
Building**



**Information &
Communication**



CO₂GeoNet

The European network of excellence
on the Geological Storage of CO₂

FIND OUT MORE:
www.co2geonet.com

Key messages from 2022 Open Forum

- We are not on track to limit warming to 1.5°C
- We urgently need to advance storage to avoid a bottleneck for CCS
- Build oversize infrastructure ready for future demand
- Sharing lessons learned remains a key accelerator for CO₂ storage
- Utilisation with durable storage could help accelerate CCS roll-out



CO₂GeoNet

The European network of excellence
on the Geological Storage of CO₂



Upcoming activities (1)

CO₂GeoNet Open Forum and workshops 2 – 5 October 2023

<https://conference2023.co2geonet.com/>

Theme: ROLLING OUT CCS; Time for large-scale deployment

Sessions:

Enabling CCS: **updates on policy, regulations and funding**

Driving CCS forward: **project and infrastructure development**

CCS developments in the **Mediterranean region**

Understanding risk: geological faults and fractures

Full chain CCS: capture (incl. DAC), transport and storage

Public engagement

Workshops:

Building Onshore CO₂ Storage in the US and Europe. Organised by Southern States Energy Board, USGS, GEUS & BRGM

Learning from existing projects and piloting new areas (tbc)



CO₂GeoNet

The European network of excellence
on the Geological Storage of CO₂



Upcoming activities (2)

Open Forum 2024

21-24 May

Session themes under discussion

CO₂GeoNet Masters course in CO₂ storage

<https://web.uniroma1.it/masterco2/en/course-description>

Postgraduate specialist university study is offered jointly by Sapienza University of Rome and University of Zagreb

COP28 proposed events and planned **GHGT** submission



CO₂GeoNet

The European network of excellence
on the Geological Storage of CO₂





CO₂GeoNet

The European network of excellence
on the Geological Storage of CO₂

Thank you for your time



Information: www.co2geonet.com

Contact: info@co2geonet.com

co2geonet.com
info@co2geonet.com

Panel discussion:

1. How to get the project started – objectives, funding for the build, permits, commissioning and injection. What was key in moving from an idea to actual CO₂ in the ground?
2. How you built on results from other projects
3. How to ensure successful site operation and that the site continues to provide results that help drive CCS forward
4. What should future projects take from your experience to make new projects easier to implement?

