



CO₂GeoNet

The European network of excellence
on the Geological Storage of CO₂

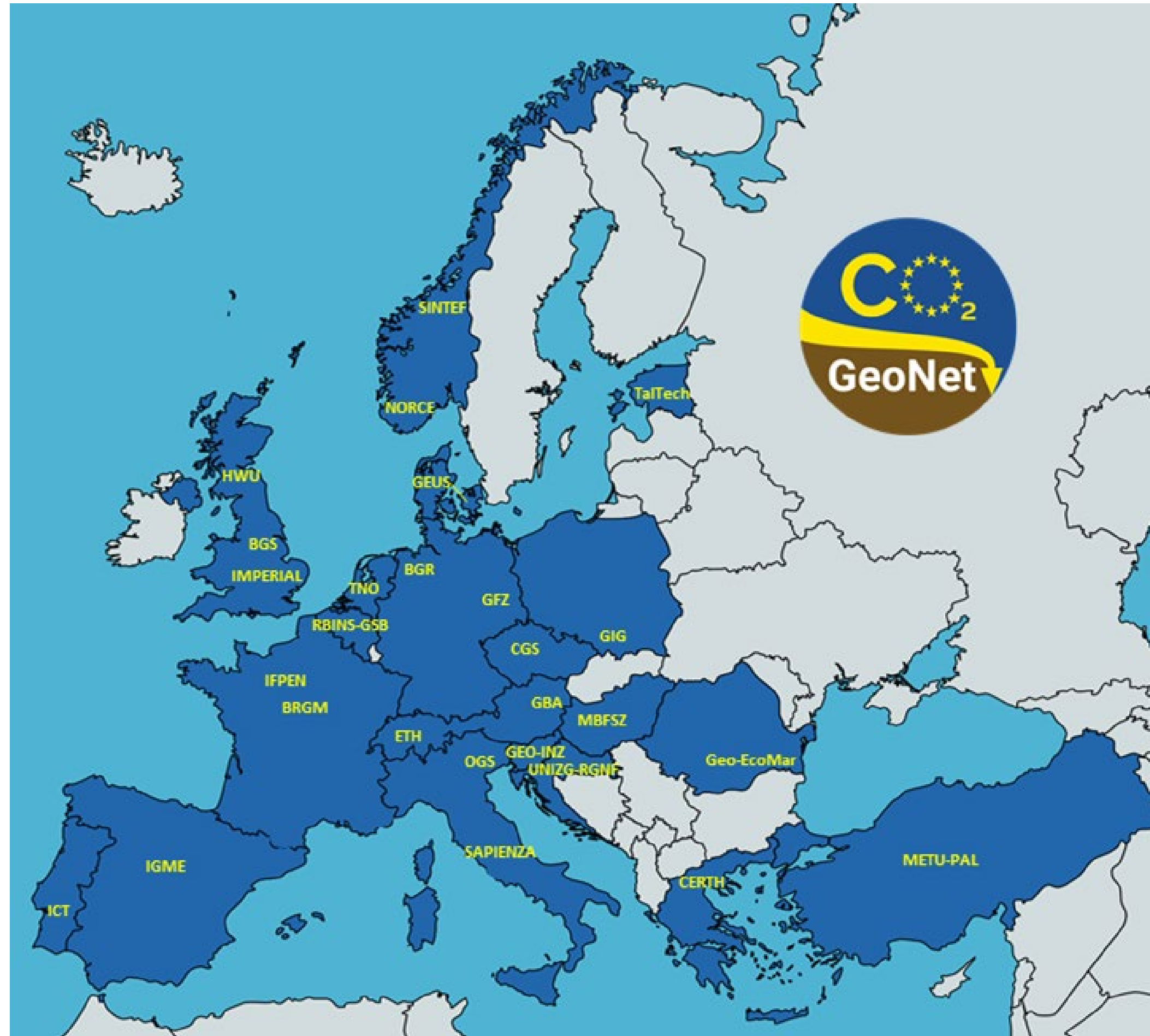
CO₂GeoNet update

Ceri Vincent, CO₂GeoNet-BGS

CSLF Technical Group, June 2022



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



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www.co2geonet.com





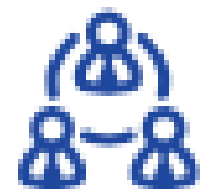
CO₂GeoNet EXPERTISE

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**



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FIND OUT MORE:
www.co2geonet.com

Upcoming activities – research and networking

CO₂GeoNet Open Forum and workshops 19 – 22 September 2022

<https://conference2022.co2geonet.com/>

Theme: **ACCELERATING CCS**; Transitioning from millions to billions of tonnes of stored CO₂

Keynote on Climate change and CO₂ removals from Thelma Krug, IPCC

Sessions:

Bankable storage capacity

Developing **hubs and clusters** in Europe

New and ongoing **CCS projects**

How can **utilisation** accelerate CO₂ storage?

Delivering clean energy with **hydrogen and CCS**

Upscaling CO₂ storage

Workshops:

ECCSEL ERIC industrial workshop on the envisaged service model of and industrial alignment on the research priorities

CO₂GeoNet – Hystories project networking event: refining surface use for a sustainable future (CO₂ storage, H₂ storage etc)

Gassnova-CO₂GeoNet workshop (tbc) Pathways towards CCUS implementation



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Upcoming activities – CCS is needed to keep 1.5 within reach

Proposed events at COP27:

Side event: Keeping 1.5 degrees within reach; developing countries' role in large-scale CO₂ removal and storage. CDR and geological storage has a key role to play in achieving net zero and net negative targets.

[CO₂GeoNet](#) and [CAP-A](#)

Exhibit: We need CO₂ Capture and Storage (CCS & CCUS) to meet the Paris Agreement targets. Information for non-specialists on the science behind CO₂ geological storage, a proven and flexible GHG mitigation technology, and why we need it

[CO₂GeoNet](#) and [TCCSUA](#)

**Side event in EU Pavilion
Exploring other opportunities!**



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Thank you for your time



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