



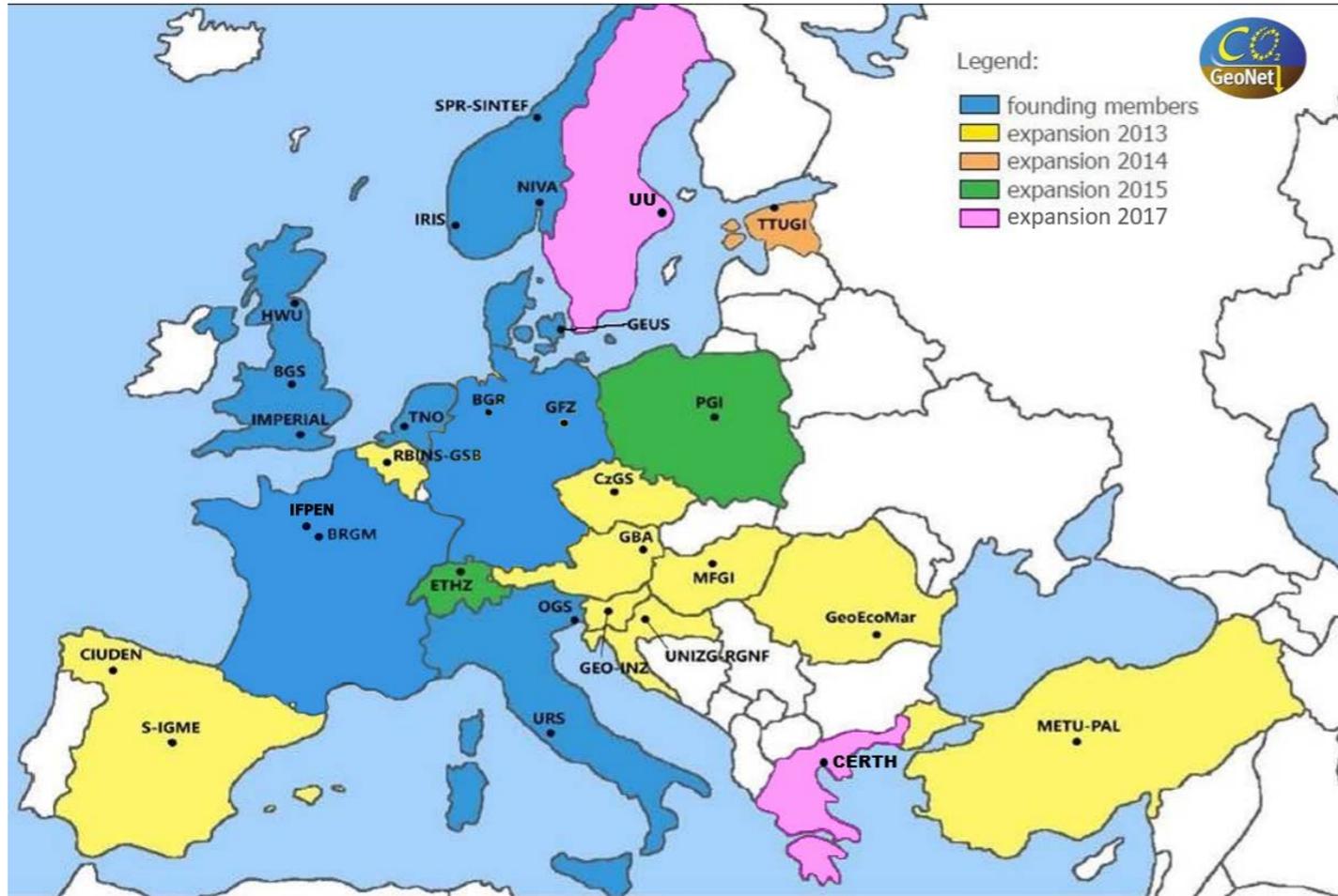
Ceri J Vincent

Chair of CO₂GeoNet Executive Committee
& principal geophysicist British Geological Survey, UK

email: info@co2geonet.com

website: www.co2geonet.eu

CO₂GeoNet celebrates 10th anniversary as a legal entity in 2018!



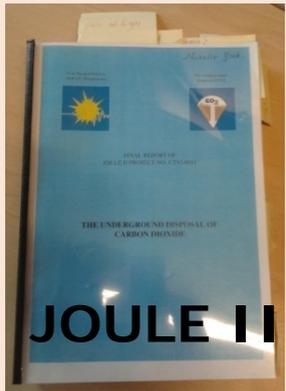
- ✓ Created as a EU FP6 Network of Excellence in 2004
- ✓ Became an **Association** under French law in 2008
- ✓ Now has Pan European coverage; comprises **29** research institutes from **21** countries
- ✓ Draws together **over 300** researchers with the multidisciplinary expertise needed to address all aspects of CO₂ storage
- ✓ **Provides and disseminates integrated scientific research results**
- ✓ **Provides impartial, evidence based scientific advice**

Projects confirm geological storage capacity and safety

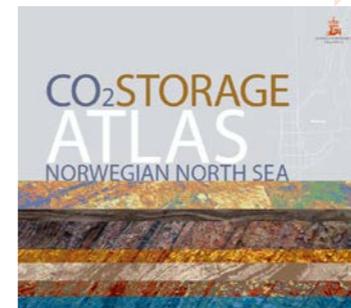
Strategic approach to pore volume resource and accelerating CCS technologies

Selected European projects:

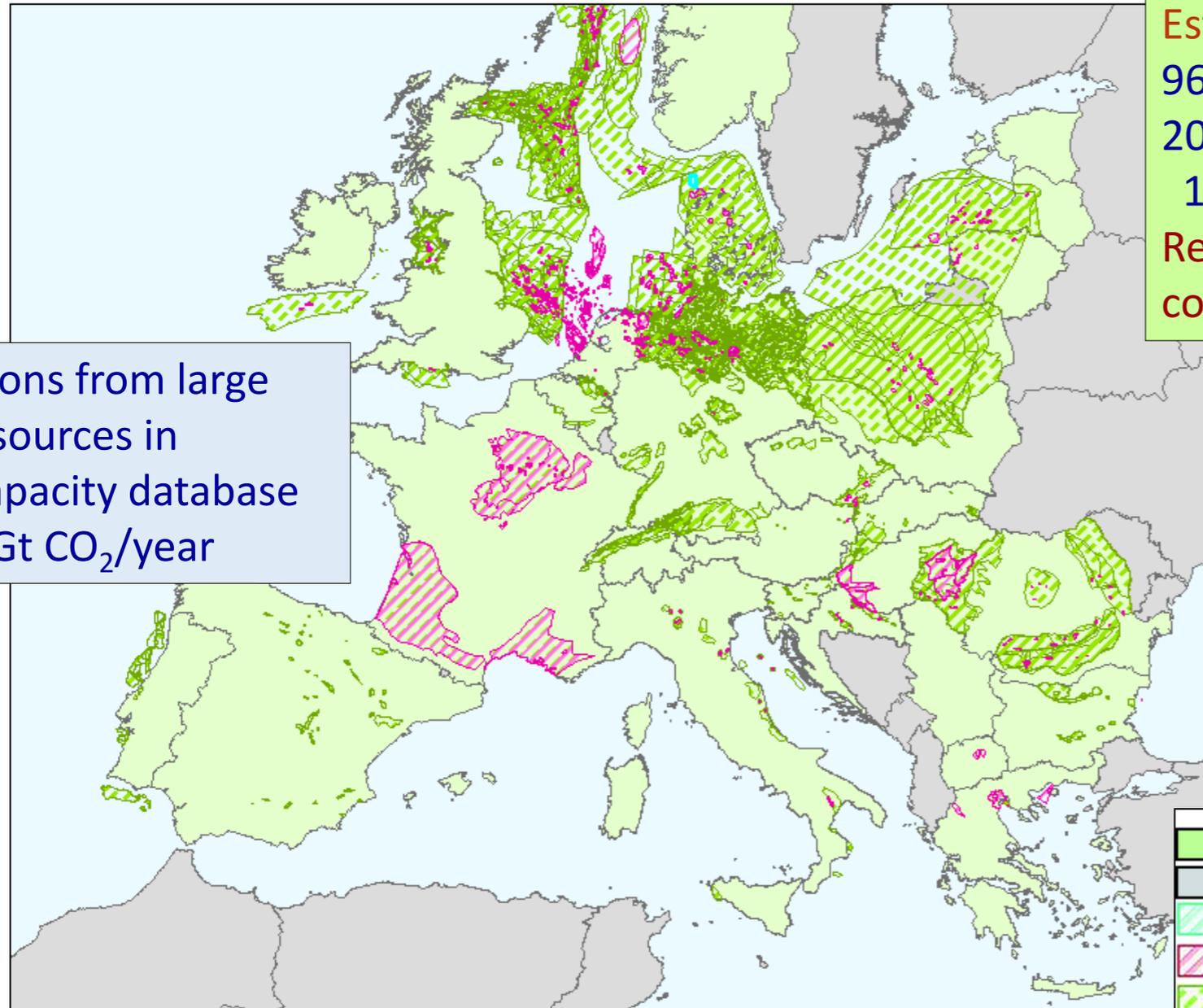
1993



2018



EU storage capacity – data from CO₂ stop project (2012 – 13)



Estimated 117 Gt
96 Gt in deep saline aquifers
20 Gt in hydrocarbon fields
1 Gt in unmineable coal beds
Regional scale capacity – 20 countries

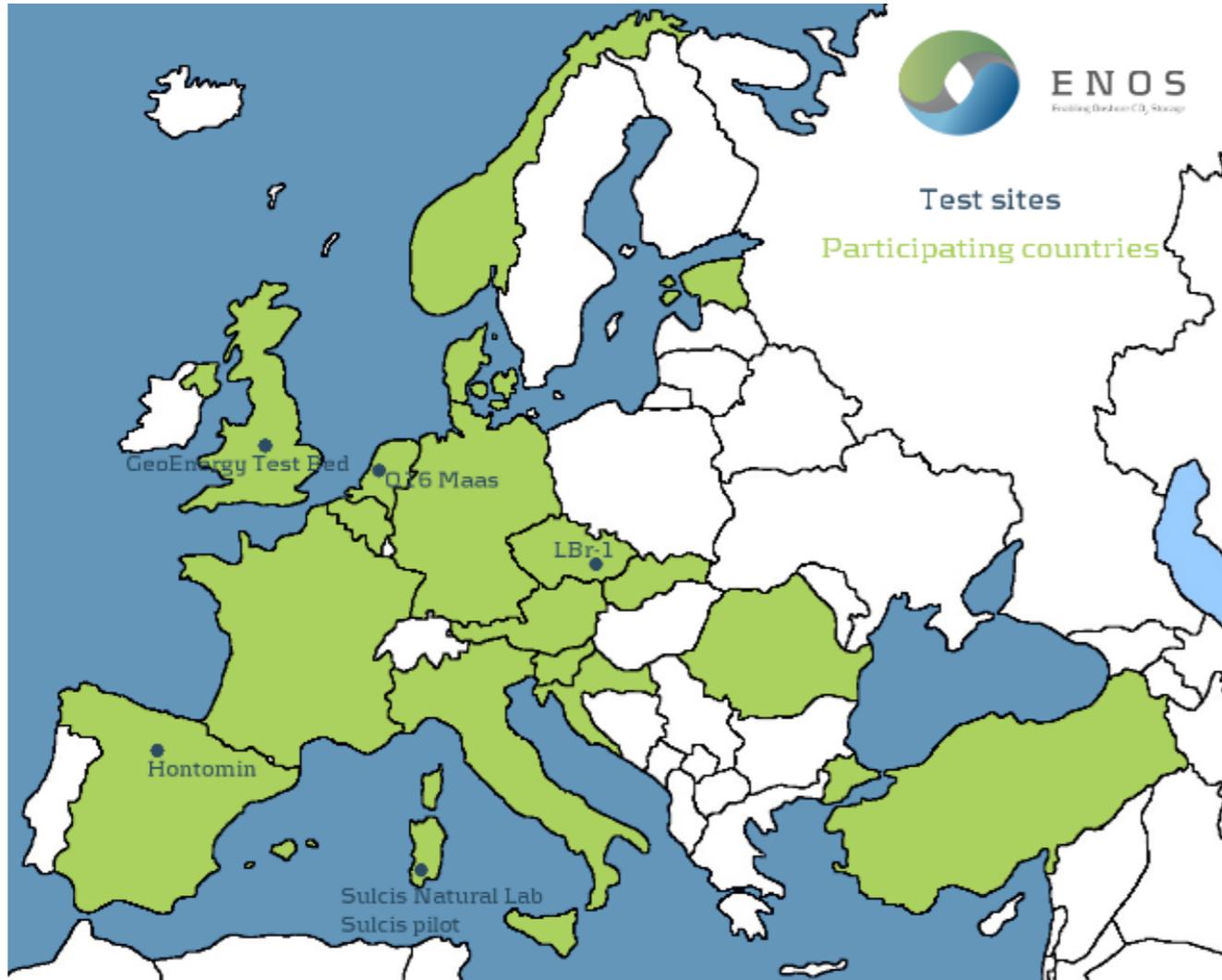
Emissions from large point sources in GeoCapacity database is 1.9 Gt CO₂/year

This storage capacity corresponds to more than 62 years of storage of emissions from all large point sources in database

-  = Countries studied
-  = Countries not participating in CO2StoP project
-  = Aquifer daughter units
-  = Hydrocarbon daughter units
-  = Storage units
-  = Formations

ENabling Onshore CO₂ Storage in Europe (ENOS)

Europe-wide collaborative effort



The project is a
initiative,
endorsed by



Visit our website:

www.enos-project.eu

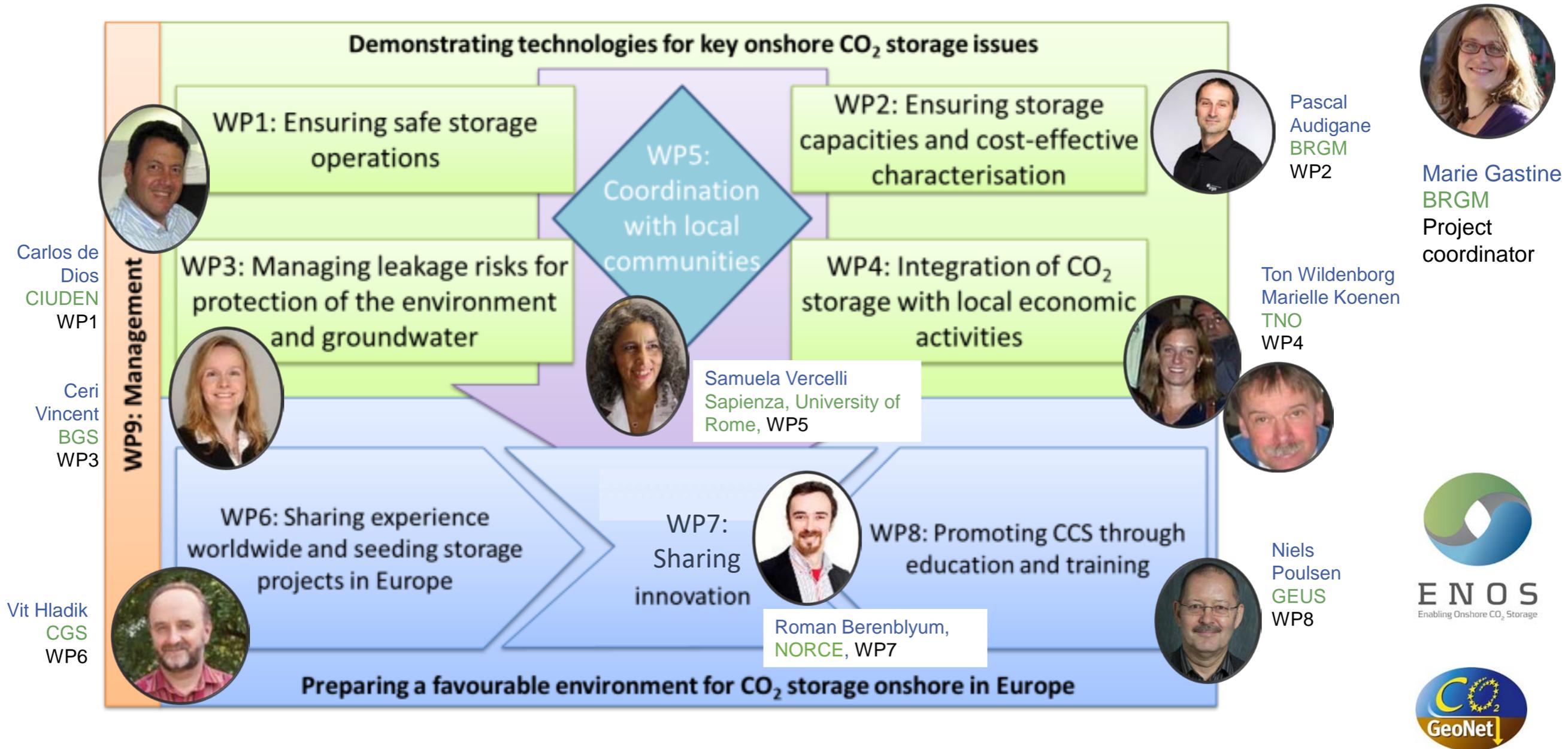
Or contact us for information

enos@brgm.fr



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 653718

H2020 ENOS research currently underway to enable onshore storage (2016 – 2020)



CO₂GeoNet Summary

- **We need CCS to meet climate targets** (see IPCC 1.5 degrees report, IEA ETP 2017, The EU long-term strategy for GHG emissions and many others!)
- **Policy makers need data on potential** capture, transport and storage assets to enable informed decision making
- **CO₂ geological storage potential in Europe is large** – we can store several decades worth of emissions (at least!)
- **‘Anchor’ projects (pilot and demonstration) in Europe are needed** to develop a CCS infrastructure network (based on storage hubs and capture clusters)

Thank you for your time

CO₂GeoNet Open Forum
San Servolo Island, Venice, 6-9 May 2019

Act now for zero emissions
The role for CO₂ capture, utilisation and storage



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Next CO₂GeoNet Open Forum will be 6 – 9 May 2019 in Venice – please come along!

email: info@co2geonet.com

website: www.co2geonet.com