



GSEU DAY

GEOLOGICAL SERVICE | FOR EUROPE

GEOENERGY RESOURCES

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www.geologicalservice.eu



Funded by
the European Union





STRATEGIC OBJECTIVES & EXPECTED IMPACTS





CO₂ STORAGE: UPDATING, EU COVERING, HARMONIZING & MATURING

EGDI

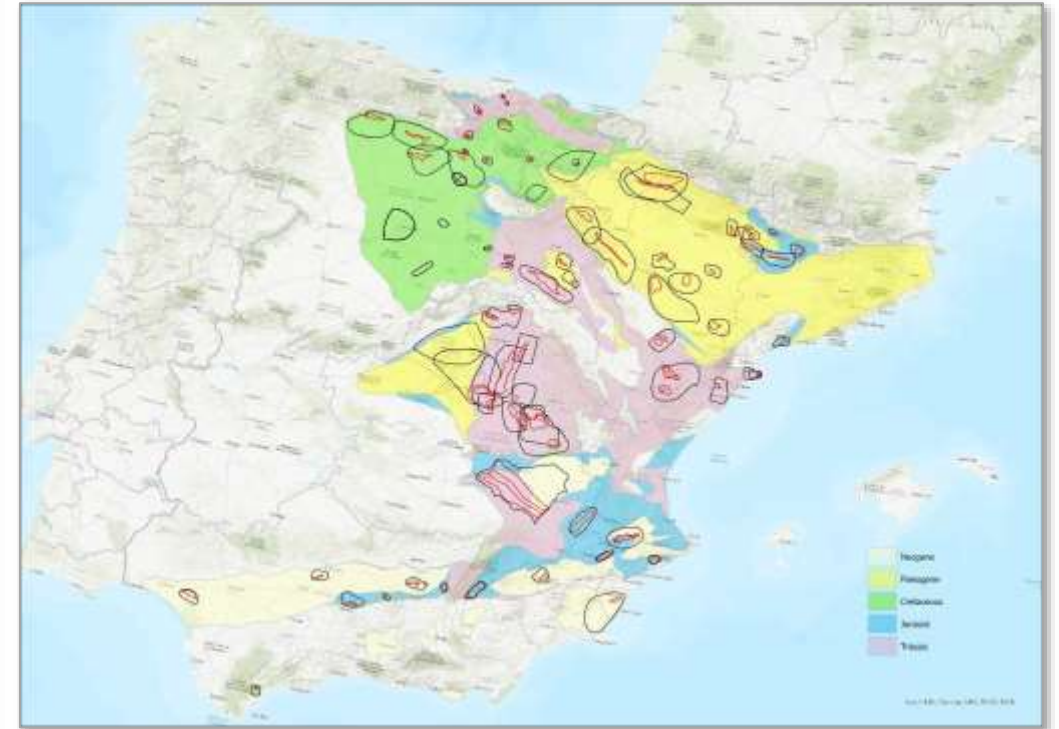
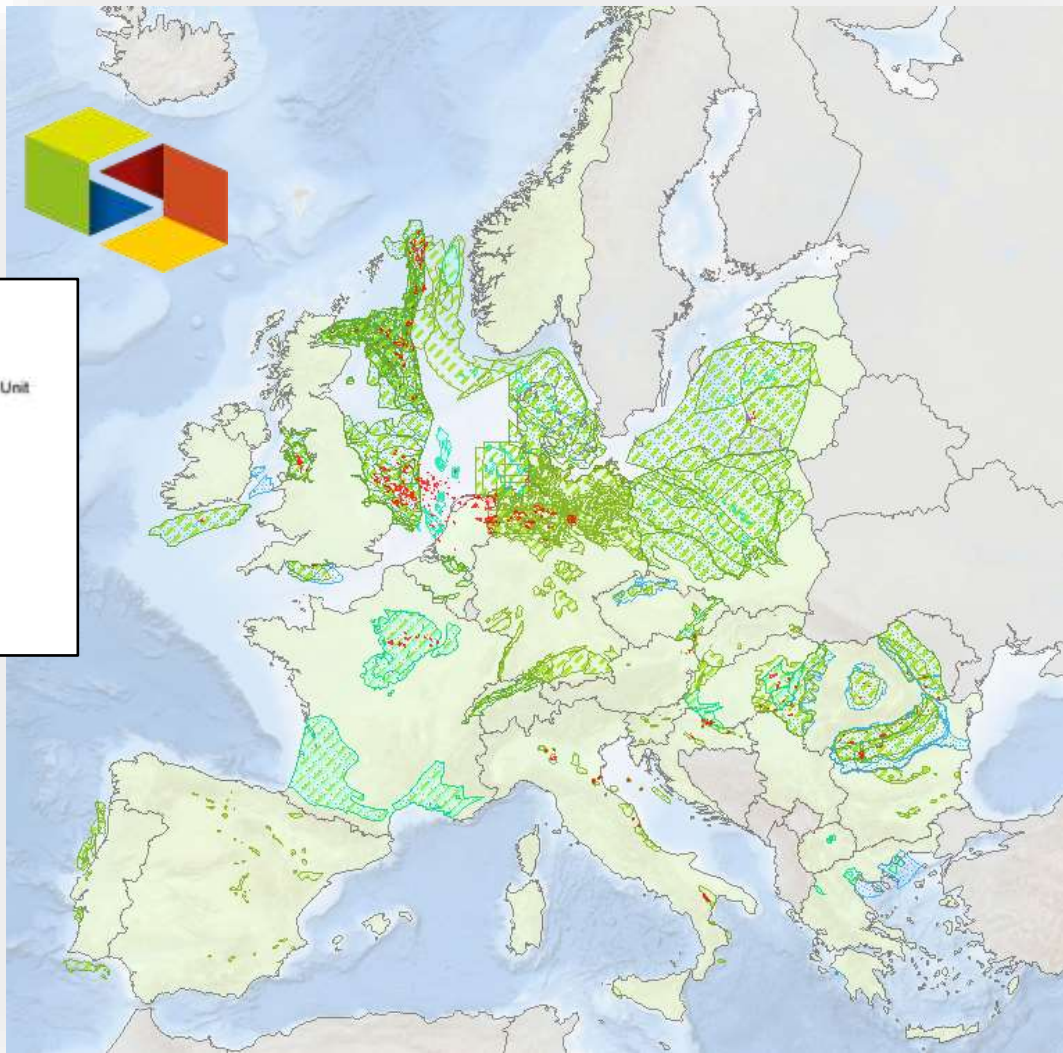


Assessment Unit Type

- Aquifer Daughter Unit
- Hydrocarbon Daughter Unit
- Storage Units
- Formation

CO2StoP Countries

- Included
- Not included





H2 GEOLOGICAL STORAGE & OTHER ENERGY VECTORS

Hystories Data Viewer

Hydrogen Storage in European Subsurface

Select a country
Austria, Belgium, Bul... 29

Formations

381

Storage units

665

Traps

1.1k

Gas

505

Oil

297

Hydrocarbons

43

Aquifer

243

Formation Names

- Frigg Sandstone Member
- Fulmar Formation
- Gajary - Badenian

Storage Unit Names:

- Danube basin Pannonian SU
- Danube basin Pontian SU
- Dashavske
- De lutte formation_SU

Trap Names:

- Benejúzar-Rojales
- Benicanci
- Bentley oil field
- Berca-Arbanasi
- Bergen Rotliegend
- Berndorf
- Besikli

2,000 km / 1,000 mi

Esri, HERE, Garmin | © EEA 2023 | Esri, HERE

Porous media (Hystories)

Traps

- Aquifer
- Gas
- Hydrocarbons
- Oil

Storage units

1 of 50

P10 - Possible Volume (MMSm³)

2.7k

1 of 50

P90 - Proved Energy

2

TWh

Trap ID	Storage unit ID	Trap name	Remarks
CZ_T_202109030704207...	CZ_S_202109030703240...	Tvrdonice	Working capacity 535 m
GB_T_20220208125220...	GB_S_20220208124329...	Hatfield West	Mean gross thick= arithr
NO_T_20210920164249...	NO_S_20210920160048...	Øst Frigg N	

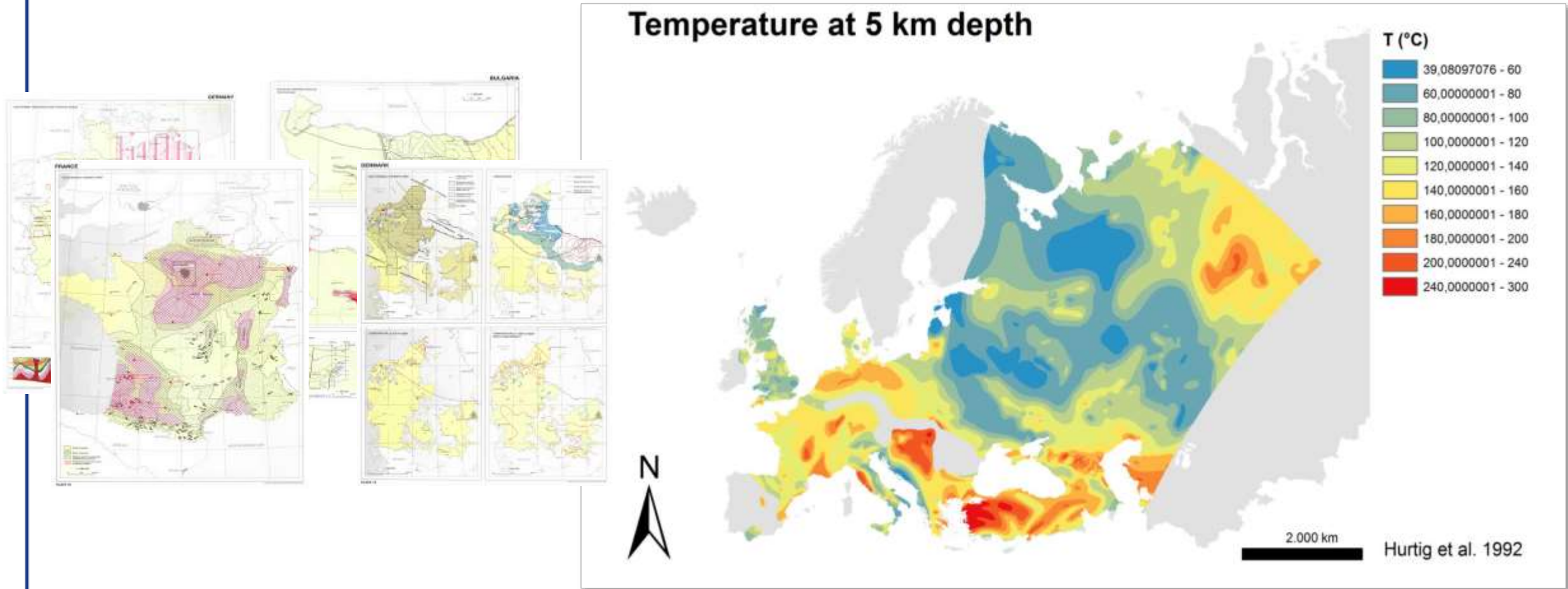
Traps Table
Storage Units Table
Formations Table

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[Link](#)

Salt Deposits copyright:

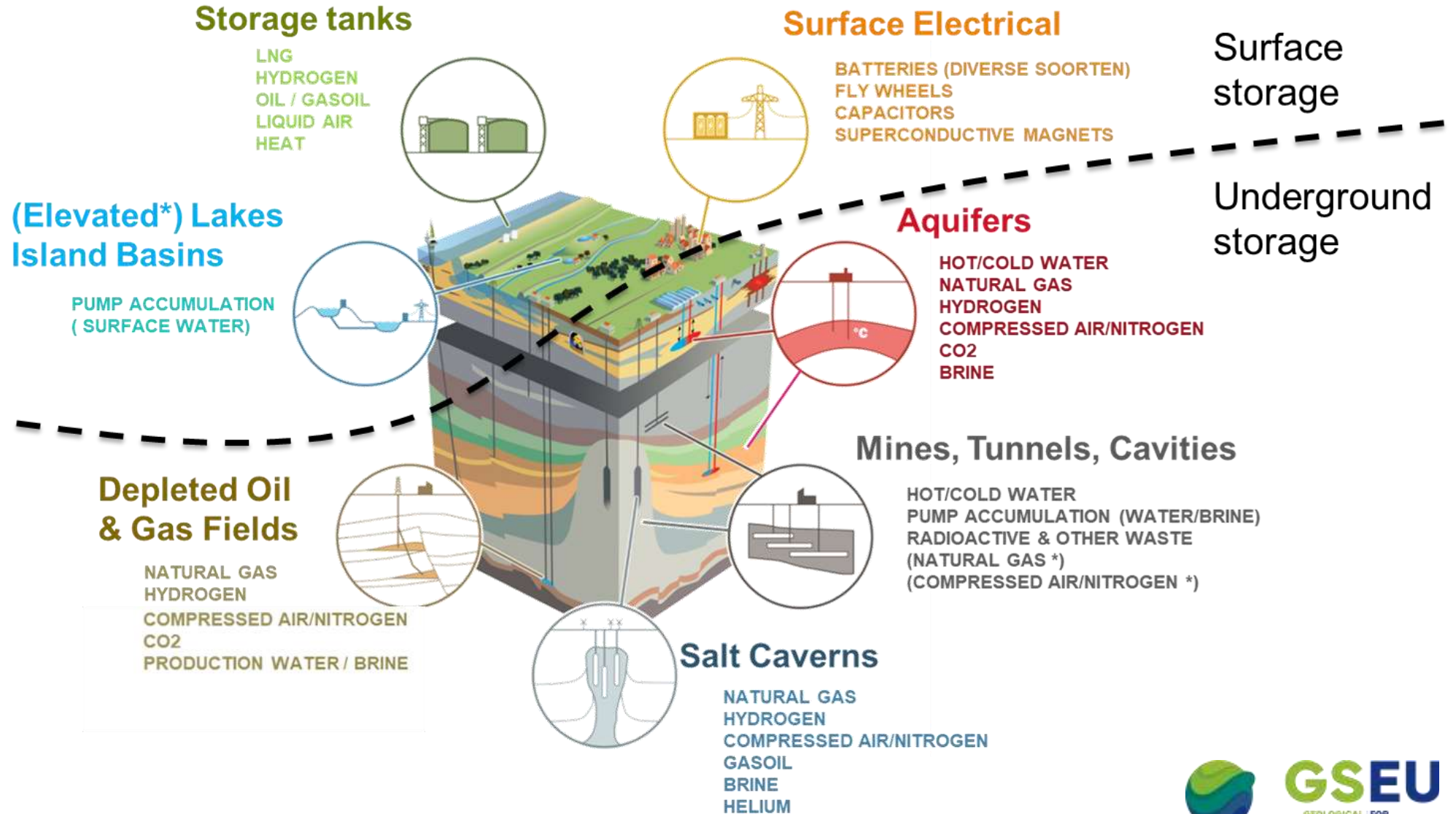


GEOHERMAL ENERGY: SHALLOW & DEEP POTENTIAL





SURFACE & SUBSURFACE





SURFACE & SUBSURFACE



European Commission

JRC Energy & Industry Geography Lab

EGDI





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UNLOCKING EUROPE'S NATURAL RESOURCES

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