

GSEU

GEOLOGICAL SERVICE | **FOR EUROPE**

BRINGING THE SUBSURFACE INTO THE LIGHT

Julie Hollis

EuroGeoSurveys

www.geologicalservice.eu



Funded by the European Union





From Geological Data to Policy Support

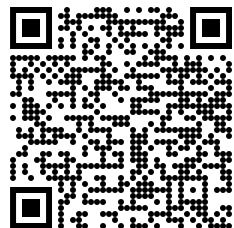
INTEROPERABLE GEOLOGICAL DATA

3D GEOLOGICAL FRAMEWORK

Energy
Minerals
Ground water
Climate
Build environment

IMPACTS & PROTECTION

DECISION SUPPORT INFORMATION



*Adding value to Research & Innovation:
from Science to Society*

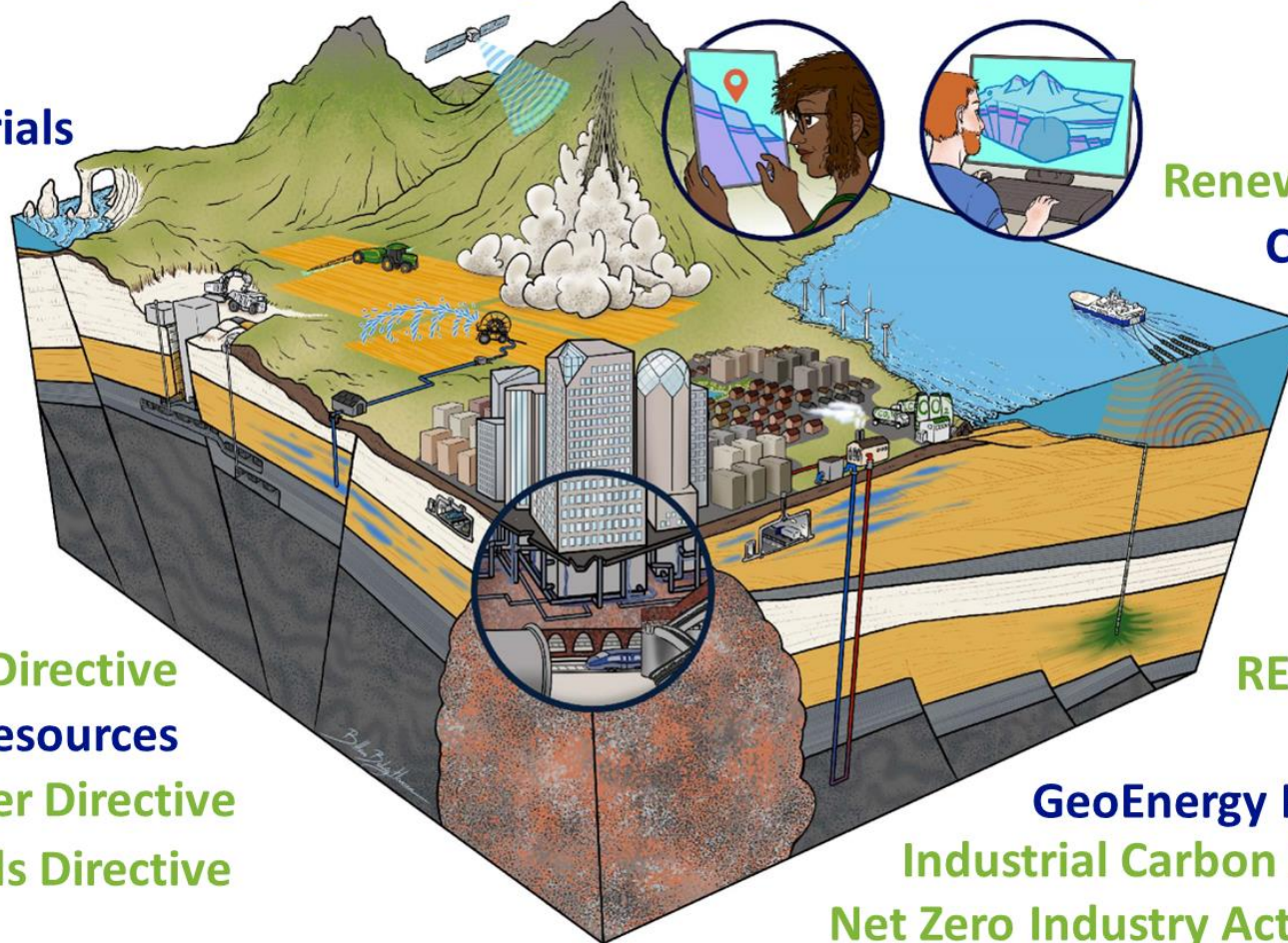


Green Deal Policy & Earth Systems are Interconnected



INSPIRE Directive Geological Framework Setup European Data Strategy

Critical Raw Materials
The Critical Raw
Materials Act



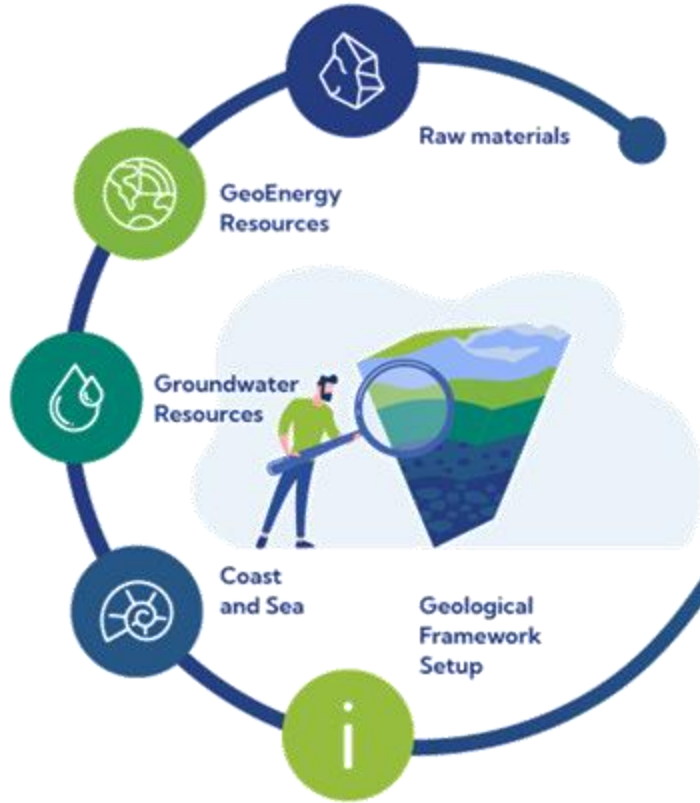
Renewable Energy Directive
Coastal vulnerability &
Windfarm siting
Marine Strategy

Water Framework Directive
Groundwater Resources
Groundwater Directive
Floods Directive

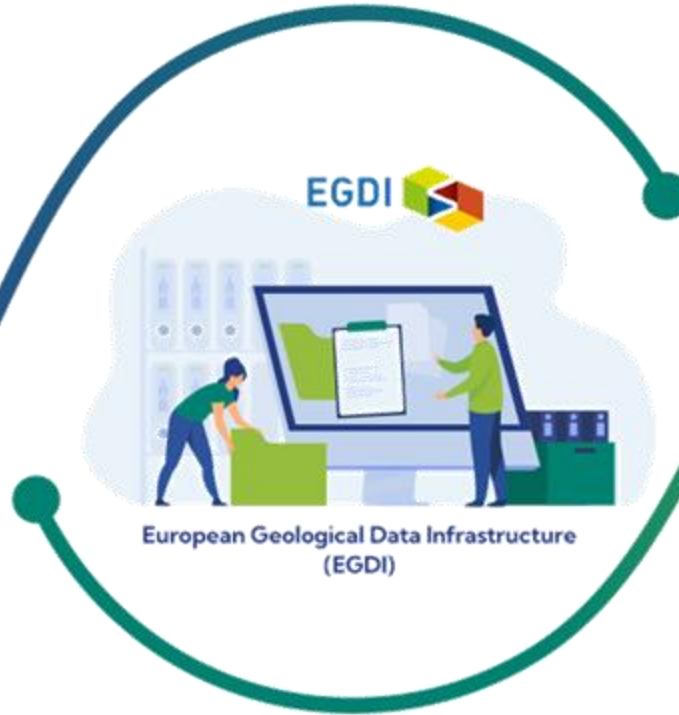
REPower EU
GeoEnergy Resources
Industrial Carbon Management Strategy
Net Zero Industry Act



The Geological Service for Europe (GSEU) Project Structure



Developing harmonised data & Information service



Developing Information structure



Communication, dissemination, exploitation & outreach



A future sustainable Geological Service for Europe



EGDI – Platform that enables access and analysis of geological data at a pan-European level, contributing to informed decision-making and resource management.



Knowledge Hub and Decision Support Systems – Central component of EGDI, harnessing the power of semantic technologies to transform fragmented information into a harmonized accessible knowledge resource for users.



EU International Centre of Excellence on Sustainable Resource Management – Dedicated to facilitating the dissemination of information on natural resources, including minerals, geo-energy, and groundwater.