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The value of a European 3D geological model: A EuroGeoSurveys perspective

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EuroGeoSurveys

Workshop: Towards a 3D Geomodel of Europe
Monday October 12, online

Funded by the European Union

EuroGeoSurveys European Geoscience for Society
The Geological Surveys of Europe



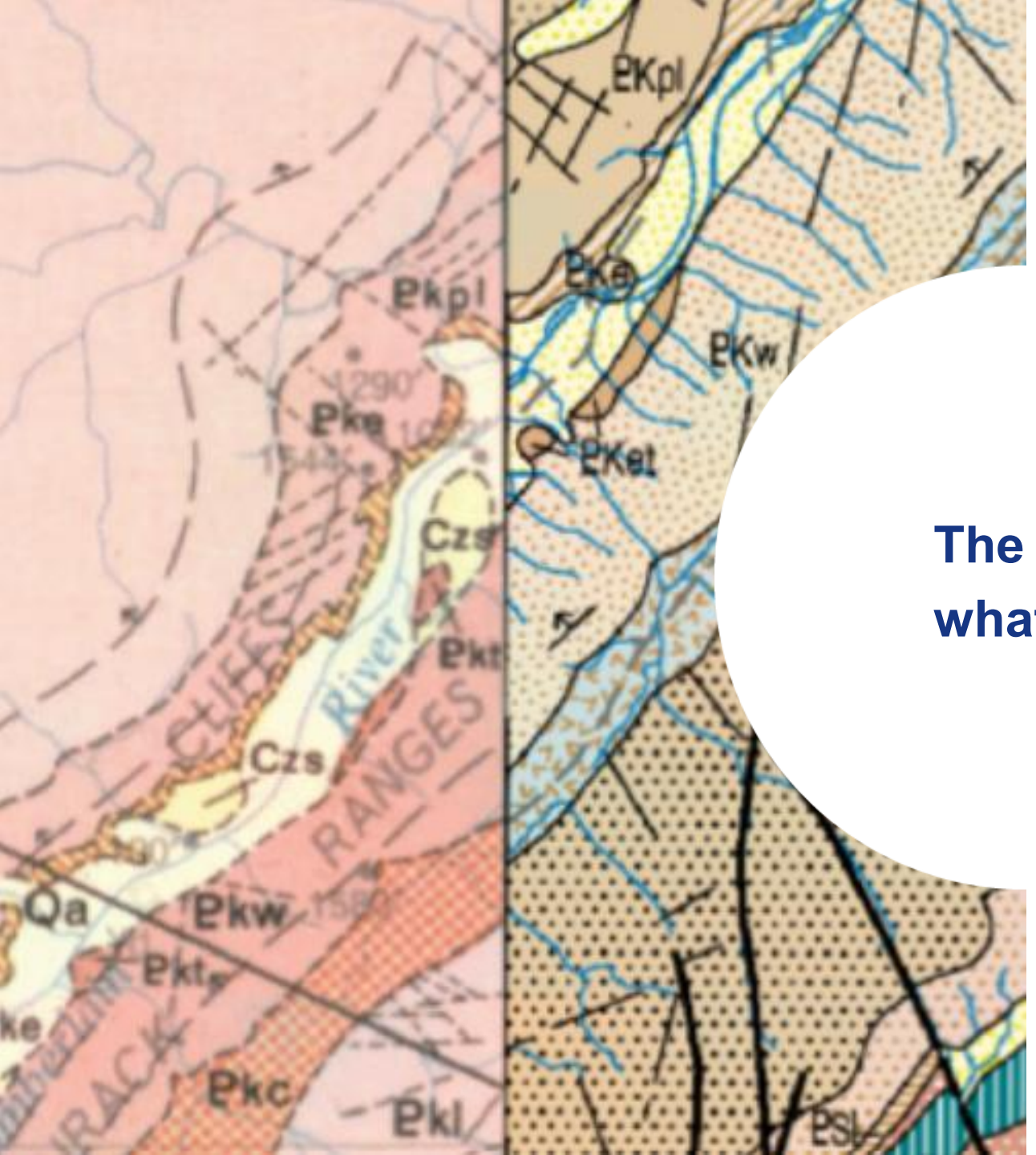
Geology is complicated

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Geological reality is always more complicated than our representation of it

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The value of modelling what we don't know

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Building harmonised models necessarily drives collaboration

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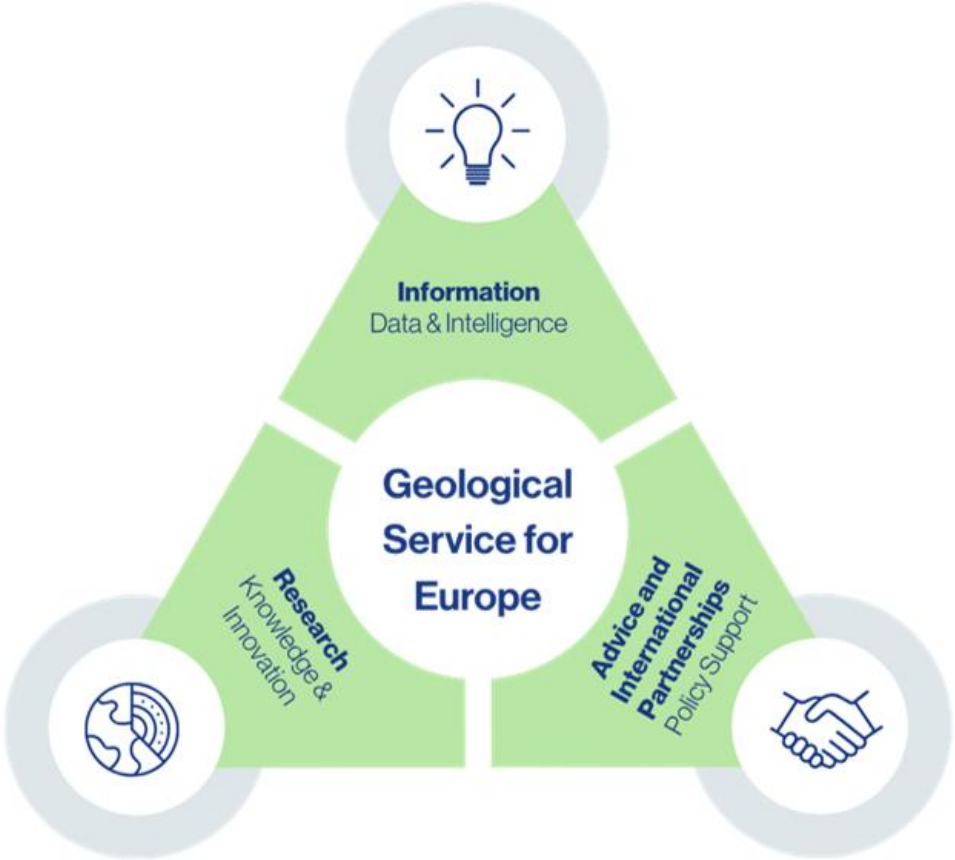


Value?

- economic
- social
- environmental
- scientific & informational
- institutional

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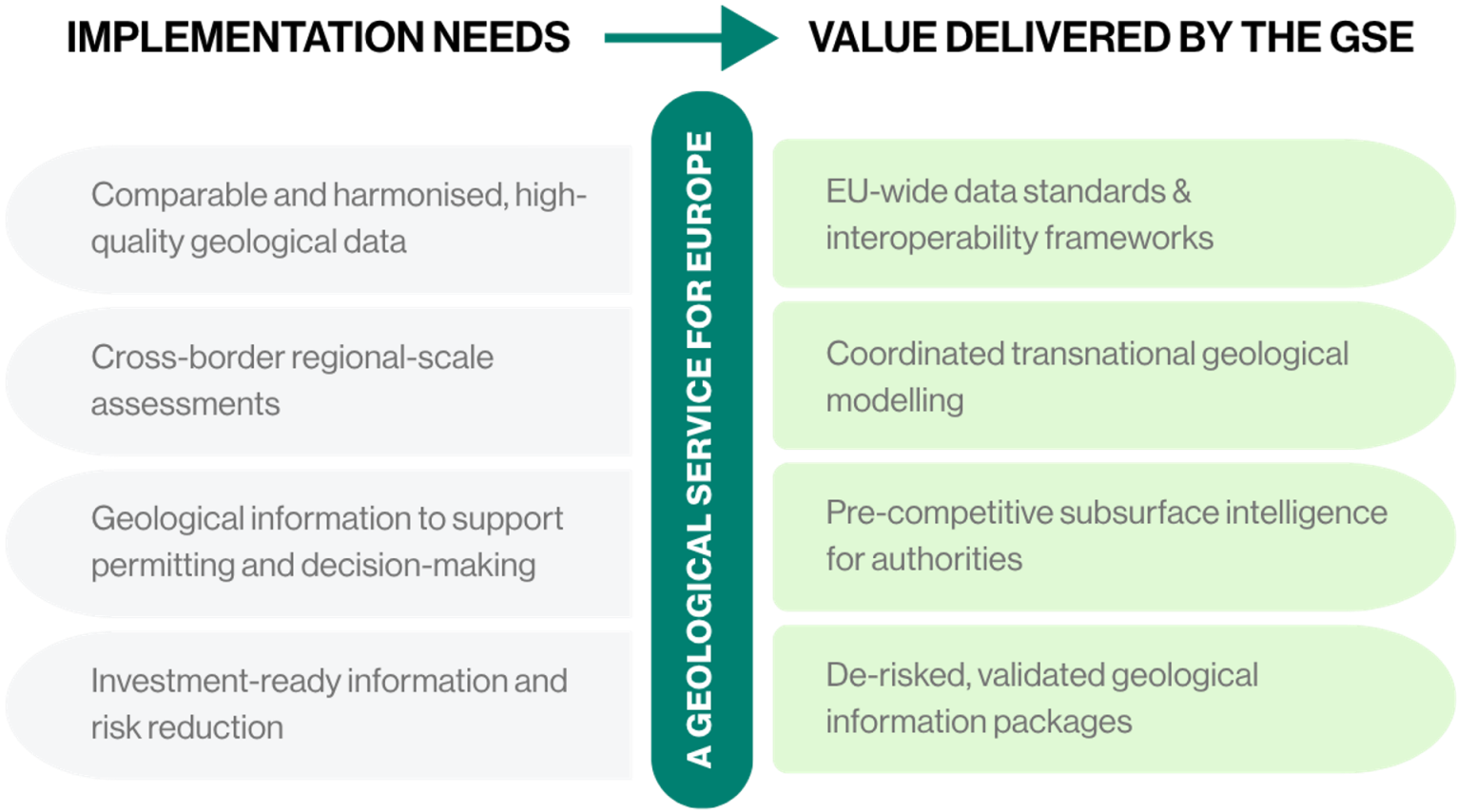


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EU and National Policy Frameworks

- Critical Raw Materials Act (CRMA)
- Net-Zero Industry Act (NZIA)
- EU Carbon Management Strategy / CO_2 storage
- Water resilience and groundwater directives
- Renewable energy and geothermal deployment



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Towards a European 3D geological model: a better starting point for policy implementation

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A EuroGeoSurveys perspective:

- Shared opportunities
- Shared expertise
- Strengthened national services
- Collective capacity to understand and manage the subsurface

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Mission of EuroGeoSurveys:

to enable sustainable and responsible use of the Earth's subsurface environment and resources

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