

The GIP-theme and project

GeoERA Final Conference, 19 January 2022

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Outline

- 1. Background for the theme and the GIP-Project
- 2. Overall objectives

- 3. Approach
- 4. Main results







1. Background

- Discontinued projects
 - 400 700 M€ spent on geoscientific data harmonisation projects. Very many of those are not on-line any more.
- Cross thematic analyses central to GeoERA
- Obvious a very large overlap in what the projects needed
- EGDI already before GeoERA contained a lot of the needed functionality
- Conclusion: A specific theme and project needed







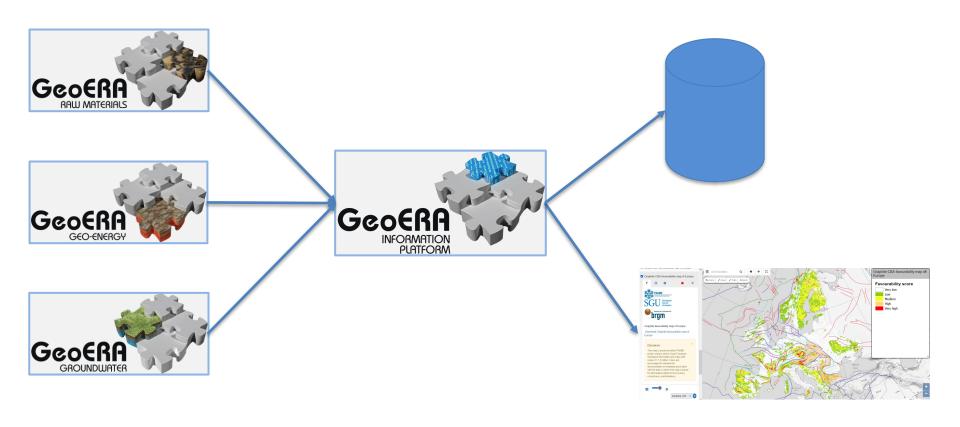
2. Overall objectives of GIP-P

 Support the 14 GSPs organizing, standardizing, disseminating and safeguarding their results















2. Overall objectives of GIP-P

- Support the 14 GSPs organizing, standardizing, disseminating and safeguarding their results
- Support cross project and cross domain analyses
- FAIRness is important
- High quality and cost-effectiveness







To be continued under the GIP-project presentation at 11:10...







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3. Approach

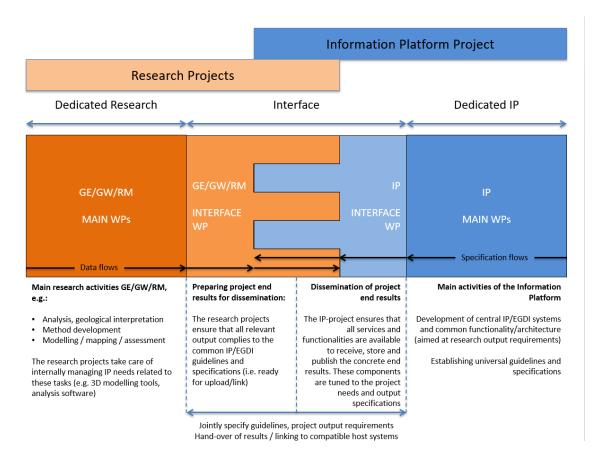
3.1 Specific organisation to liaise with GSPs







3.1 Liaison GIP-project and GSPs









3. Approach

3.1 Specific organisation to liaise with GSPs

3.2 Focus on FAIR principles







3.2 Focus on FAIR principles

- Purpose: Make the results of GeoERA as valuable and useful as possible for "everyone"
- Use the FAIR principles and guidelines to achieve that
- Very strong focus on metadata
- Help the projects standardise and harmonise their data
- Ensure we live up to technical standards







3. Approach

- 3.1 Specific organisation to liaise with GSPs
- 3.2 Focus on FAIR principles
- 3.3 Build on EGDI + extensions







3.3 Building on EGDI (and extending)

- Choosing EGDI as the information platform gave the projects a jump start
- After a few months almost all projects had their first maps on-line
- EGDI is easy to extend with new functionality in cooperation with the GSPs







3. Approach

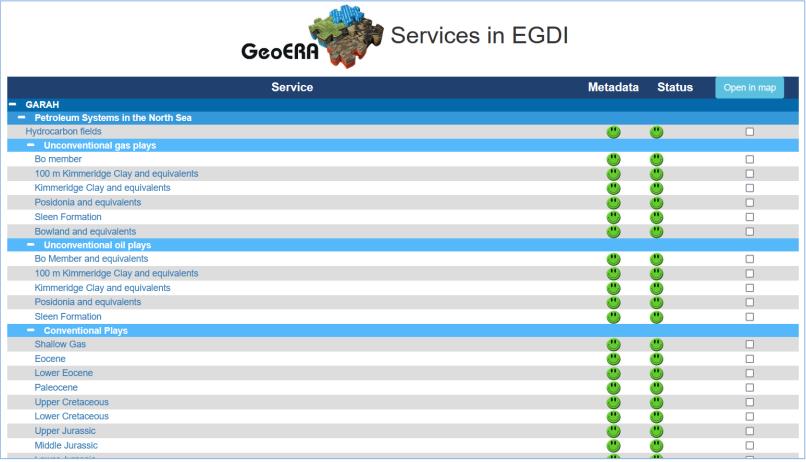
- 3.1 Specific organisation to liaise with GSPs
- 3.2 Focus on FAIR principles
- 3.3 Build on EGDI + extensions
- 3.4 Central storage of files







3.4 Central storage of results. Why?







EGDI 😝

4. Main results

4.1 New developments:

Document repository

General free text search system

Project Vocabularies and Keyword Thesaurus

3D database and viewer

Administration module

- 4.2 559 layers and 1299 documents uploaded
- 4.3 Thematic viewers plus overall GeoERA map
- 4.4 Extensive user support and material
- 4.5 Integrated, extensive and searchable metadata
- 4.6 Increased FAIRness
- 4.7 Agreement and documentation of license models



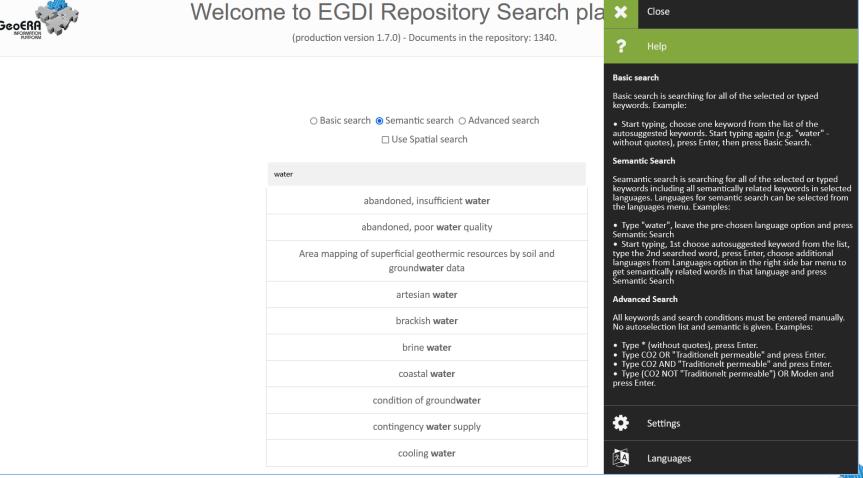
4.8 Single point of access to all results







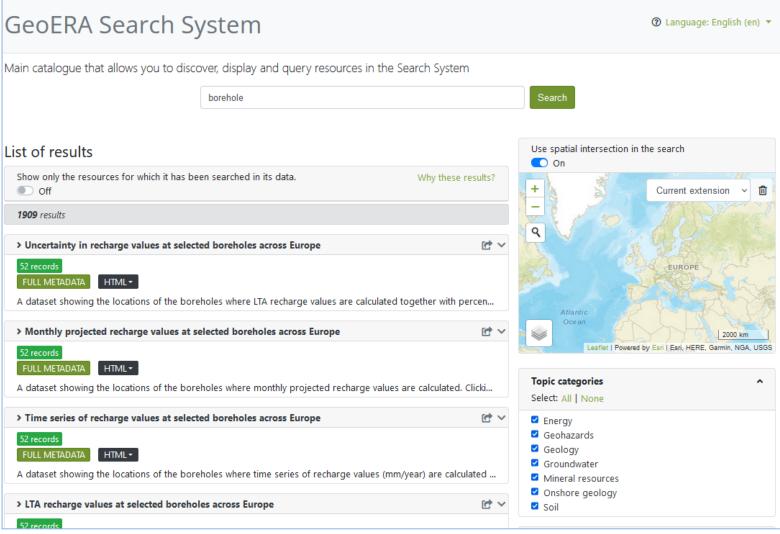
Document repository









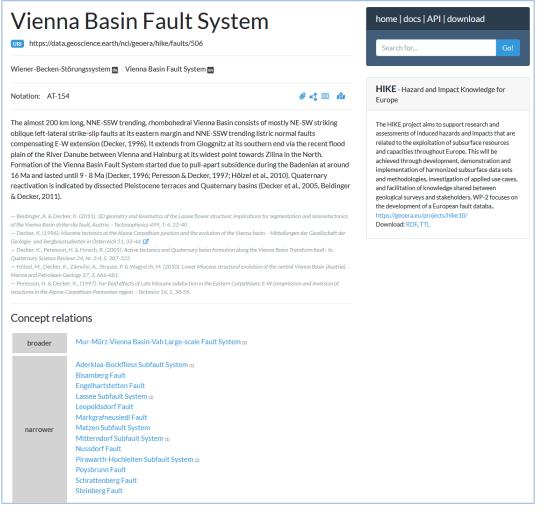






Project Vocabulary



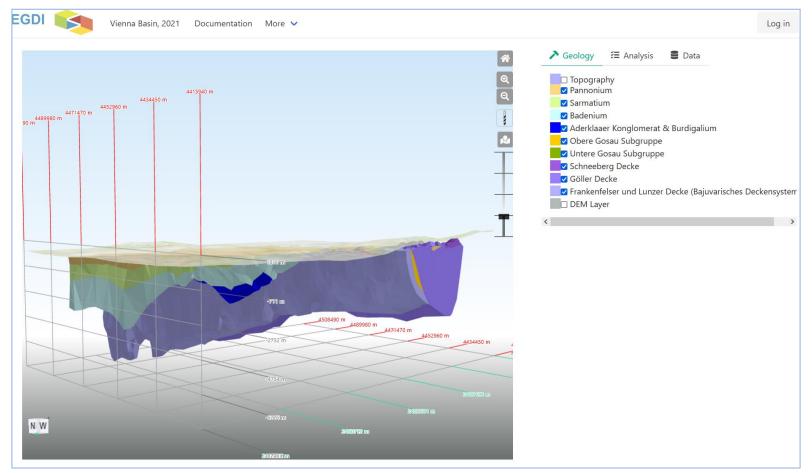








3D model database and viewer









Administration module

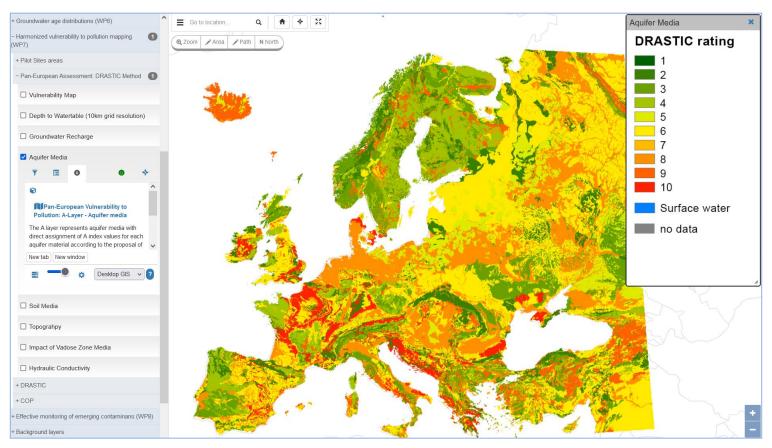
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ke sure that you have created metadata for the dataset in the EGDI Metadata Catalogue first. u can read about how to organise your data in GeoPackages here or GeoTIFFs here.									
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Project specific viewer

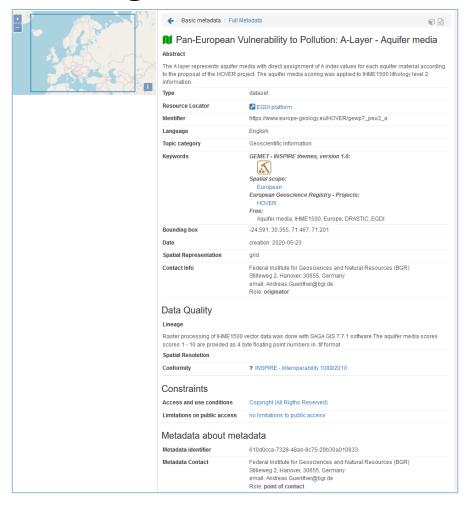








Integrated metadata

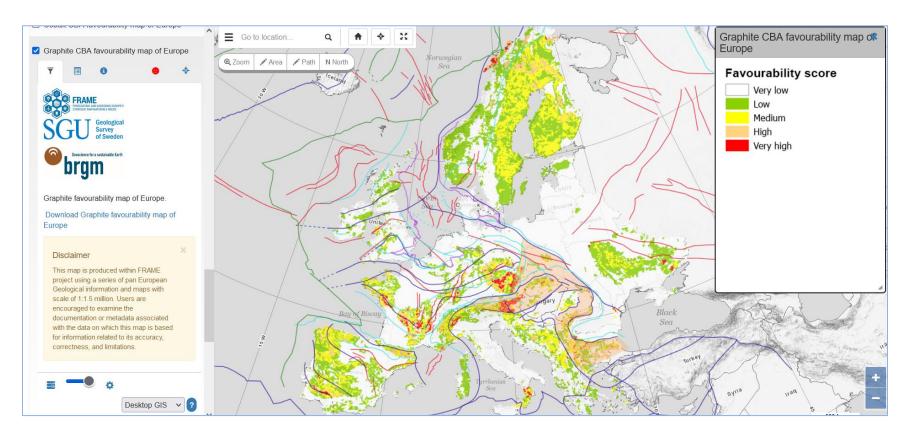








Combining all GeoERA results on one map

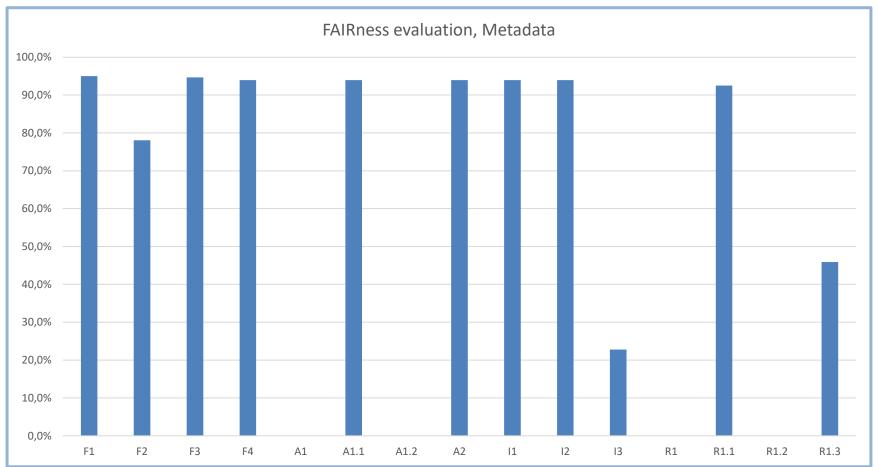








4.6 FAIRness evaluation, Metadata

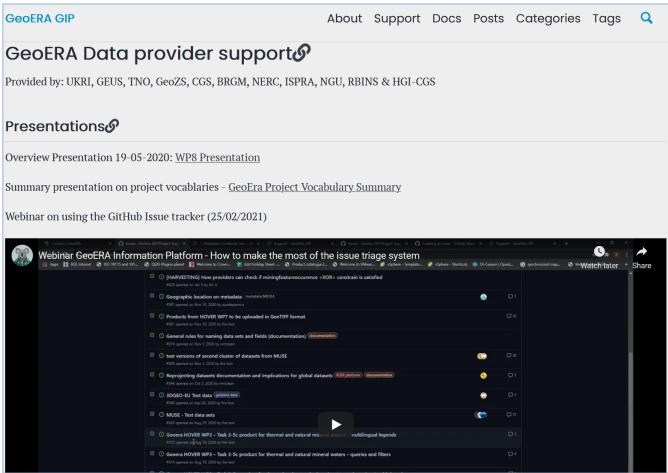








Support hub

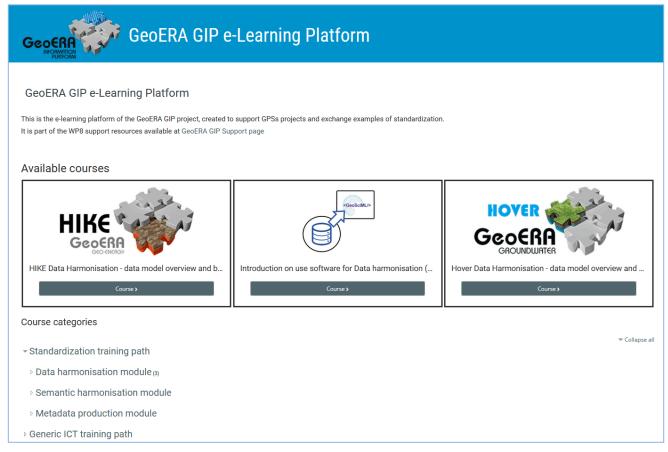








e-Learning Platform



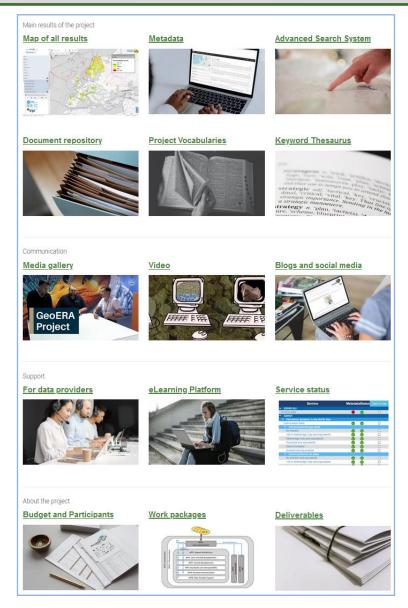




EGDI

Single point of access to all results.

On GeoERA website









Thank you for your attention

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