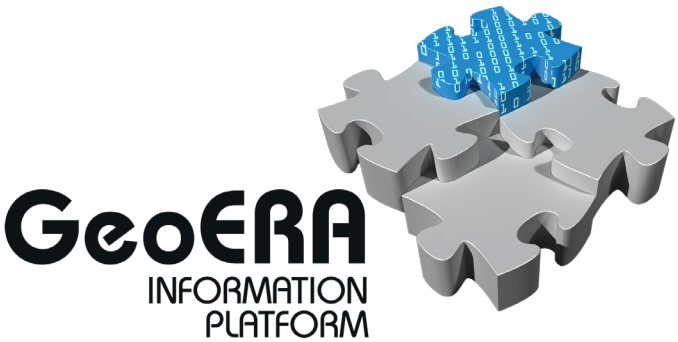

Deliverable 11.3

Information content material

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Version: 18-10-2021

This report is part of a project that has received funding by the European Union's Horizon 2020 research and innovation programme under grant agreement number 731166.

Deliverable Data		
Deliverable number	D11.3	
Dissemination level	Public	
Deliverable name	Information content material	
Work package	WP11, Communication and dissemination	
Lead WP/Deliverable beneficiary	ISPRA	
Deliverable status		
Submitted (Author(s))	18/10/2021	Claudia Delfini, Diana Ponce de León Gil
Verified (WP leader)	18/10/2021	Diana Ponce de León Gil
Approved (Coordinator)	28/10/2021	Jørgen Tulstrup

GENERAL INTRODUCTION

GeoERA is a European scientific cooperation program for improving the management and sustainable use of subsurface resources.

The 45 national and regional Geological Survey Organizations that participate in GeoERA's fifteen research projects provide large amounts of geoscientific information: maps, databases, documents, 3D models and other related services to geoenergy, groundwater, and raw materials.

So far, each European Geological Survey and each project had its method of disseminating and saving its generated information. However, this diversity of access points was making it difficult to exchange all that knowledge. Furthermore, when a project finished, the generated information was no longer available due to a lack of support. GeoERA was born in order to work this out.

GeoERA Information Platform Project (GIP-P) is one of those fifteen GeoERA projects. Its goal is the standardization, organization, dissemination, and conservation of all the information generated by the rest of the GeoERA projects and earlier ones.

GIP-P will reinforce and strengthen the European Geological Data Infrastructure (EGDI), a European platform that gathers geological data since 2016, intending to be long-lasting. EDGI contains applications for visualizing and search and query web services to handle all this geoscientific data. Its ultimate goal is that valuable information generated by Geological Surveys and other institutions can be easily saved and accessible.

The overall concept behind this is to build a platform that supports decision making, innovation and research across scientific disciplines (within and beyond the themes of GeoERA), societal challenges (energy, raw materials, environment, food, security, health, transport) and sectors (academia, industry, policy) in need of geological data and information.

On the basis of the above context, the GIP-P WP11 has a special role regarding dissemination of results of the project for the target audience.

EXECUTIVE REPORT SUMMARY

This deliverable contains the list of information material generated in the project in various formats. This material has been focused on different target audiences to be distributed through various communication channels.

This report explains about the leaflets, posters, videos, newsletters, press releases and blog posts produced in GIP-P, being an important part of all communication and dissemination activities carried out in WP11.

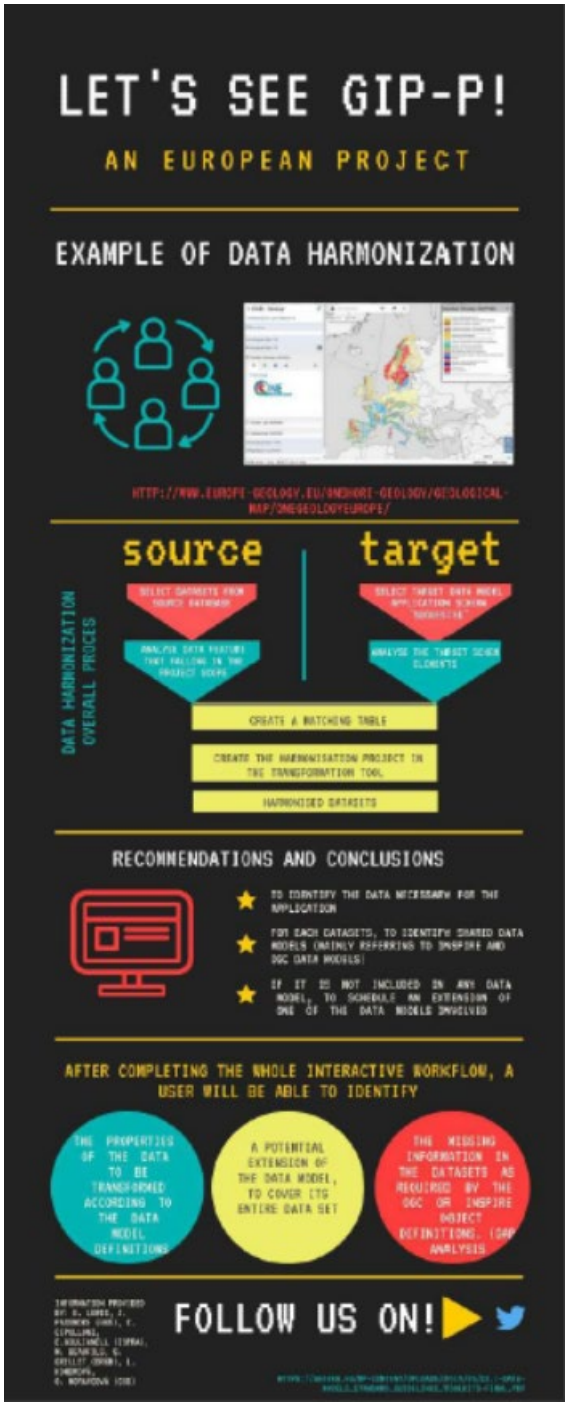
TABLE OF CONTENTS

1 LEAFLETS

- Let's see GIP-P!

  Target audience: experts connected with the project, stakeholders (scientific and academic networks and infrastructures).

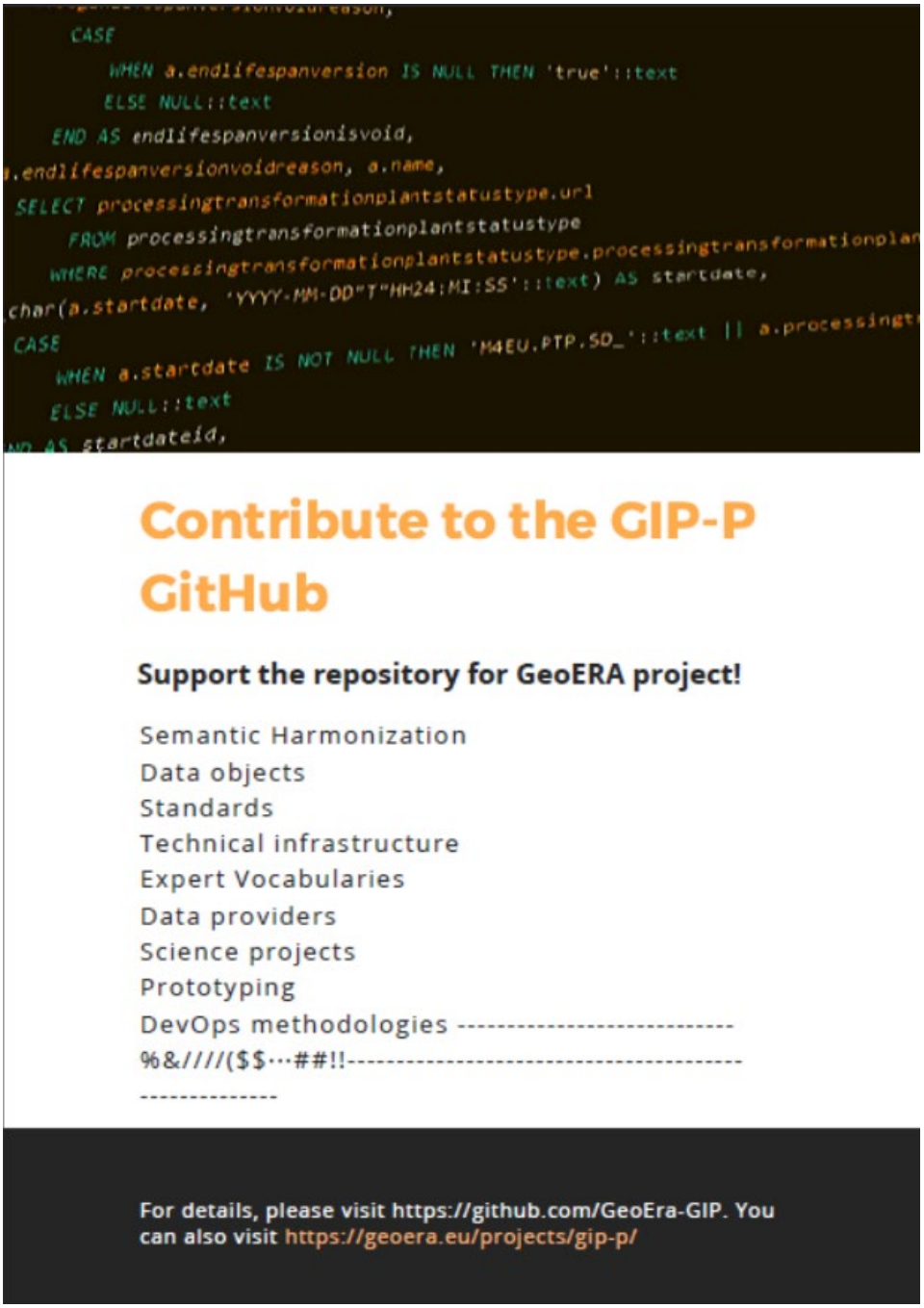
  Dissemination: posted on the GIP-P media gallery (https://geoera.eu/projects/gip-p/media-gallery/) and sent by e-mail to stakeholders.



- Contribute to the GIP-P GitHub

  Target audience: experts connected with the project.

  Dissemination: posted on the GIP-P media gallery (https://geoera.eu/projects/gip-p/media-gallery/) and sent by e-mail to experts connected with the project.



- Announcement of the GeoERA midterm event

  Target audience: experts connected with the project, stakeholders and decision makers.

  Dissemination: sent by e-mail to stakeholders.

2 POSTERS

- GIP-P poster (kick-off meeting)

  Target audience: experts connected with the project, stakeholders and decision makers, and public.

  Dissemination: at the GeoERA kick-off meeting and then posted on the GIP-P media gallery (https://geoera.eu/projects/gip-p/media-gallery/)

- GeoERA Information Platform poster

  Target audience: experts connected with the project, stakeholders and decision makers, and public.

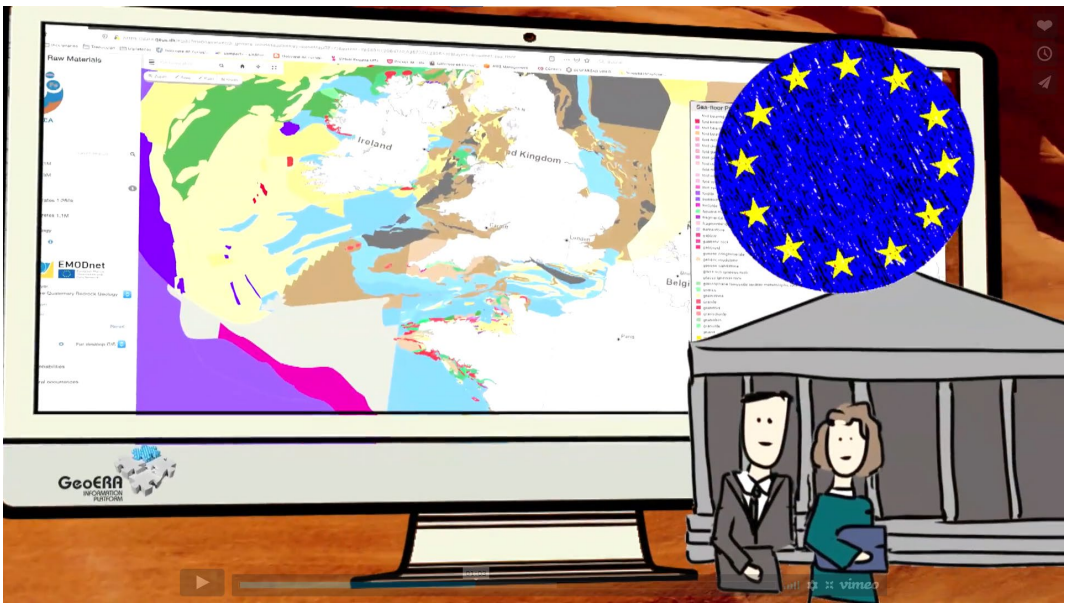
  Dissemination: posted on the GIP-P media gallery (https://geoera.eu/projects/gip-p/media-gallery/). Due to the COVID pandemic it was not possible to exhibit it in events.

3 VIDEOS

- How can you use the GIP-P results? Video about the results and usefulness of GIP-P. This video shows 3 cases in which 1) decision makers, 2) the scientific/academic community, and 3) companies can use the platform to search for information on raw materials, groundwater and geo-energy, and meet their needs.

  Target audience: experts connected with the project, stakeholders and decision makers, and public.

  Dissemination: posted on YouTube, Twitter, blog and website of GIP project.

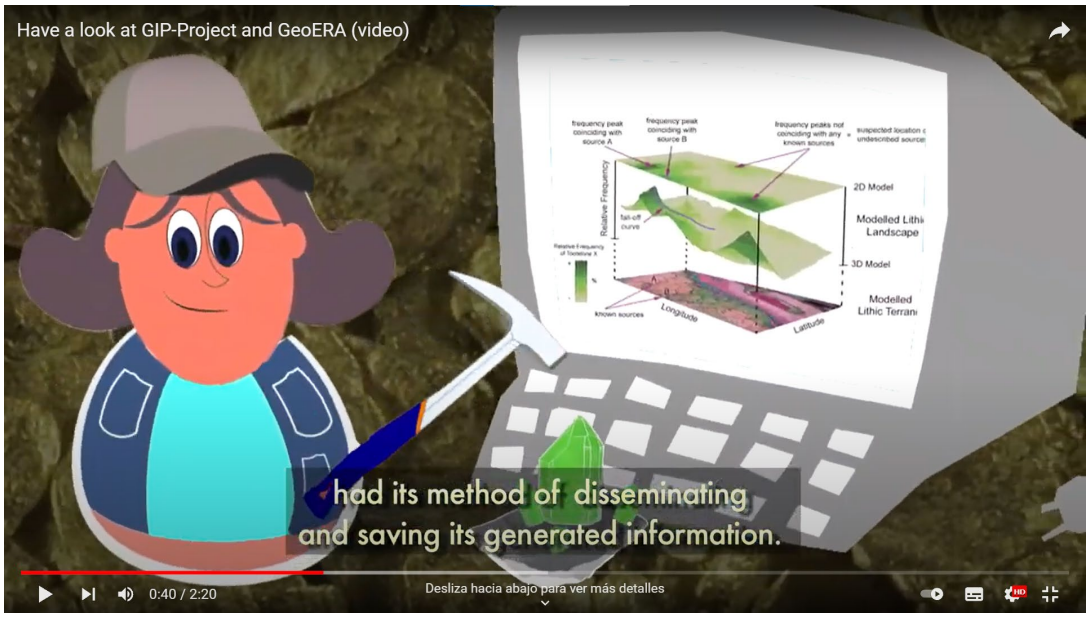


- Have a look at GIP project and GeoERA. The video shows the objectives of the project and the work done to standardise, organise, disseminate and preserve all the information generated by the rest of the GeoERA and previous projects. It shows how GIP-P will reinforce and strengthen the European Geological Data Infrastructure (EGDI), making the results sustainable over time.

  Target audience: experts connected with the project, stakeholders and decision makers, and public.

  Dissemination: posted on YouTube, Twitter, blog and website of GIP project.

  https://www.youtube.com/watch?v=2k23li_HNuE



- GIP-P video. Interviews with members of the project explaining the objectives of GIP-P and importance of standardization, organization, dissemination, and conservation of all the information generated by projects. They also talk about the sustainability of the project results through the EGDI platform and about the project's target audience.

  Target audience: experts connected with the project, stakeholders and decision makers, and public.

  Dissemination: posted on YouTube and website of GIP project.

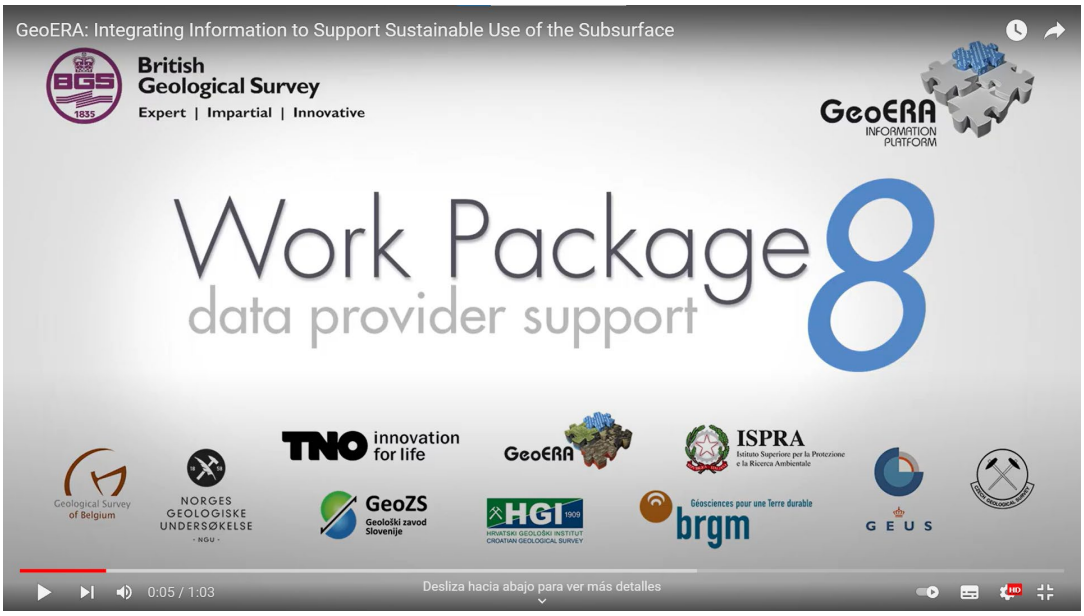
  https://www.youtube.com/watch?v=CAbvy_7unkU

- GeoERA: Integrating information to support sustainable use of the subsurface. The WP leader and other members of WP8 (Data provider support) from BGS explain work done in this work package. Made by BGS.

  Target audience: experts connected with the project, stakeholders and decision makers, and public.

  Dissemination: posted on the BGS's YouTube channel and media gallery of GIP-P.

  https://geoera.eu/projects/gip-p/media-gallery/



- Homemade video about WP2, WP4 and WP7 of the GIP project. One of the members of the project explain work done in WP2 (User requirements), WP4 (Semantic harmonisations issues) and WP7 (Developments-central). Made by IGME.

  Target audience: experts connected with the project.

  Dissemination: posted on the IGME's YouTube channel.

  https://www.youtube.com/watch?v=OASPGhUzvDE&t=23s

- Homemade video about WP11 of the GIP project. The WP leader explain the objectives and work done in WP11 (Communication and dissemination). Made by IGME.

  Target audience: experts connected with the project, stakeholders and decision makers, and public.

  Dissemination: posted on the IGME's YouTube channel.

  https://www.youtube.com/watch?v=bJrfMlsfNco&t=3s

- GeoERA presentation. One of the members of GIP-P explain the contribution of GSI to the GIP project. In particular, the activities carried out in WP2 are detailed. Made by GSI.

  Target audience: experts connected with the project.

  Dissemination: posted on the YouTube channel and media gallery of GIP-P.

  https://www.youtube.com/watch?v=T-FH6FK7LEI

4 NEWSLETTERS

- GeoERA Newsletter #13. GIP-P contribution to the Newsletter.

  Target audience: experts connected with the project, stakeholders (scientific and academic networks and infrastructures).

  Dissemination: posted on GeoERA website.

  https://mailchi.mp/30ae6fa5d746/geoera-newsletter-4872309?e=d80f8ef84a

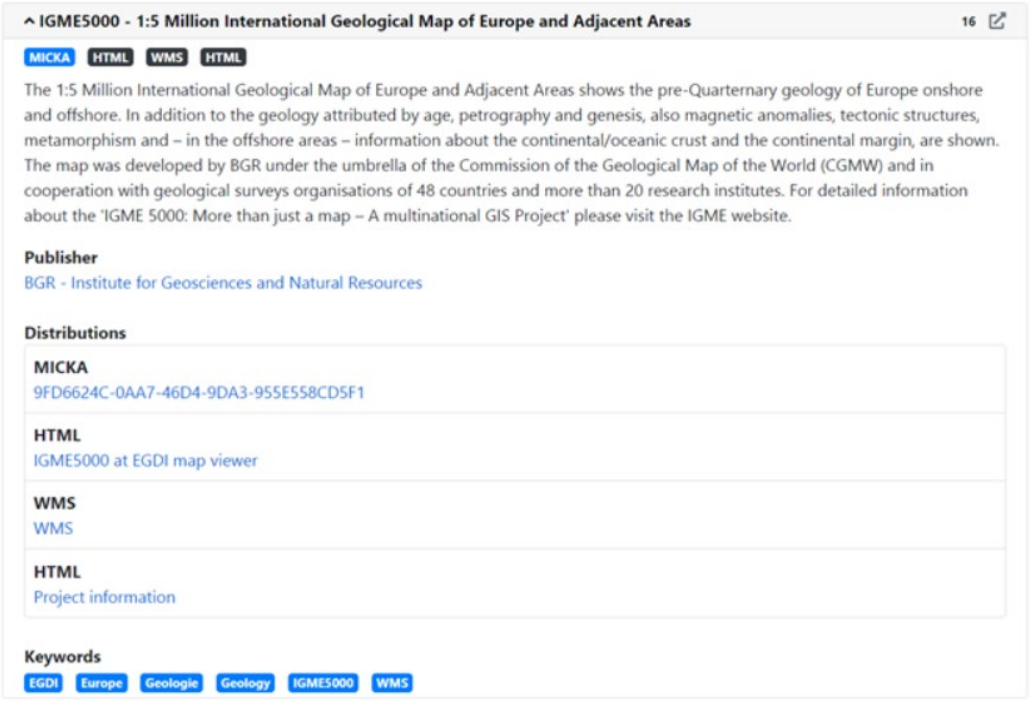
Information Platform theme

GIP-project:

GeoERA Information Platform project.

In the framework of the GeoERA GIP-P project, a new search system is being developed in order to facilitate the discovery and access to geoscientific information available in Europe. This system can discover available information even if the search text entered by the user and the data or metadata do not match or they are in different languages. It can find information that semantically matches the search text and, to achieve this, it uses a multilingual thesaurus and full-text search capabilities.

The system offers a ranked list of results that meet the query specified by the user, providing basic metadata and different online accesses to datasets. It also searches inside datasets to get and display records from databases, documents in a document repository, etc.



Read more about the search system at our blog at https://geoera.eu/blog/search-systems-first-demo/.

- GeoERA Newsletter #9. GIP-P contribution to the Newsletter.

  Target audience: experts connected with the project, stakeholders (scientific and academic networks and infrastructures).

  Dissemination: posted on GeoERA website.

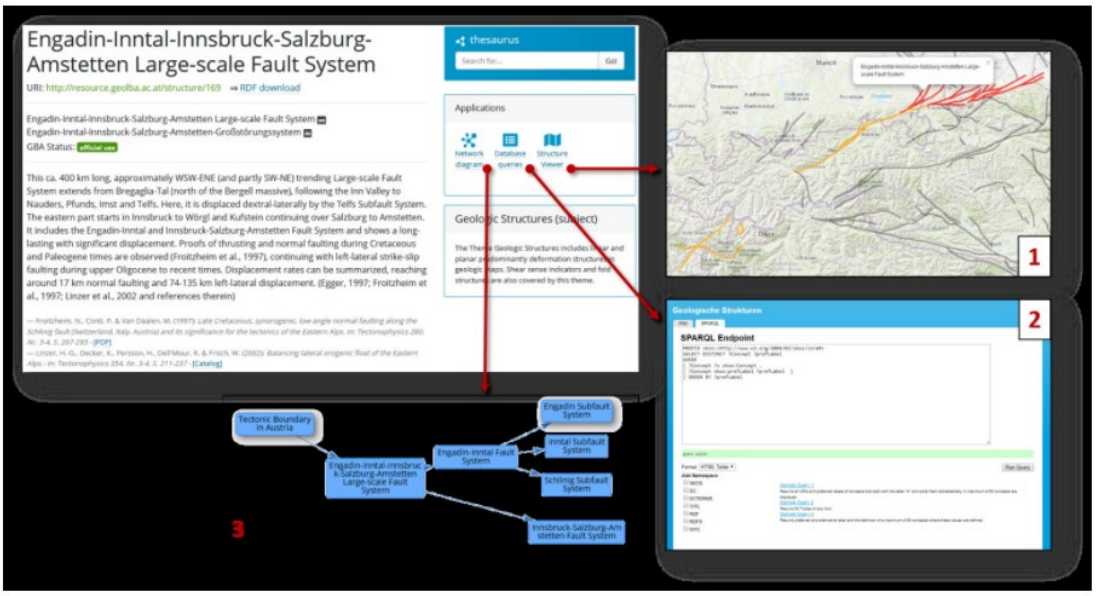
  https://mailchi.mp/1f4dce0c3634/geoera-newsletter-4688277?e=d25833d8a9

Information Platform theme project

GIP-project:

GeoERA Information Platform project.

In cooperation with the GIP-P Work Package 4 Task "Semantic Harmonization Issues - Project Vocabularies", several GeoERA projects are ready to elaborate their knowledge representation in the form of so-called SKOS vocabularies. In a first phase, vocabularies for fault classification and fault instance terminology (HIKE, HOTLIME) have been created and is prepared for SKOS modelling and implementation through an SKOS/RDF management software. Further vocabularies, such as for ornamental stones concerning the EUROLITHOS project, are to follow and thus support the projects knowledge base and content-related harmonization within the Europe-wide geodata processing.



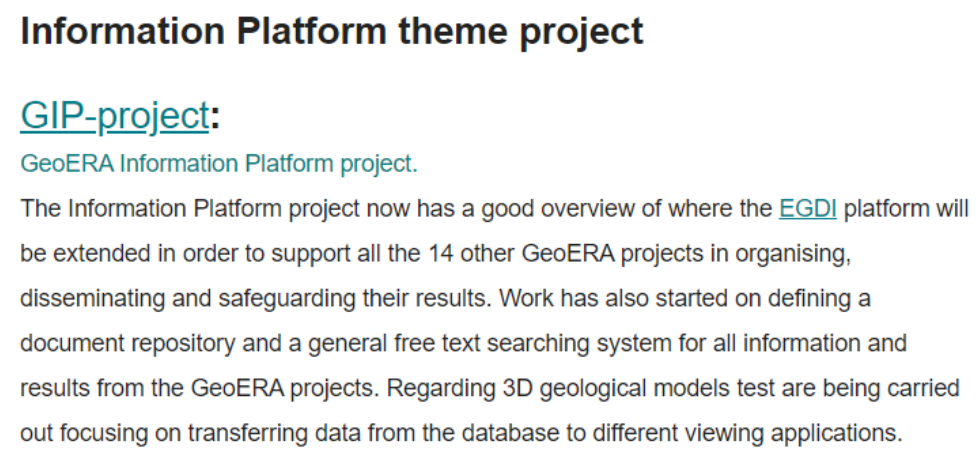
*Example on a **project vocabulary concept** (from HIKE) with its mandatory properties such like definition, URI, bibliographic citation and its possibilities to **query** (2, database queries with SPARQL) and to **visualize the linked data information** (1, structure viewer and 3 semantic relations network diagram).*

- GeoERA Newsletter #8. GIP-P contribution to the Newsletter.

  Target audience: experts connected with the project, stakeholders (scientific and academic networks and infrastructures).

  Dissemination: posted on GeoERA website.

  https://mailchi.mp/dbfbc06a902c/geoera-newsletter-1599413?e=d25833d8a9



Information Platform theme project

GIP-project:

GeoERA Information Platform project.

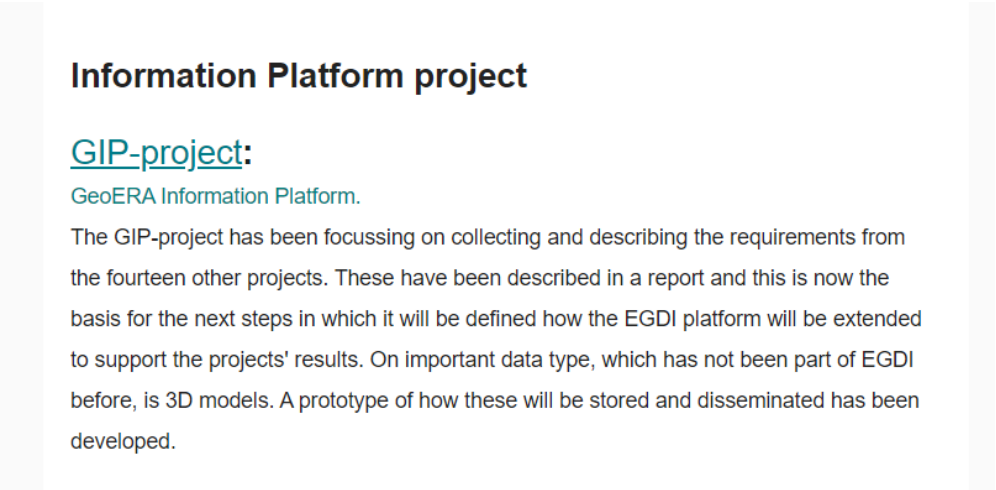
The Information Platform project now has a good overview of where the EGDI platform will be extended in order to support all the 14 other GeoERA projects in organising, disseminating and safeguarding their results. Work has also started on defining a document repository and a general free text searching system for all information and results from the GeoERA projects. Regarding 3D geological models test are being carried out focusing on transferring data from the database to different viewing applications.

- GeoERA Newsletter #7. GIP-P contribution to the Newsletter.

  Target audience: experts connected with the project, stakeholders (scientific and academic networks and infrastructures).

  Dissemination: posted on GeoERA website.

  https://mailchi.mp/4cfba09d8784/geoera-newsletter-1550481?e=d25833d8a9



Information Platform project

GIP-project:

GeoERA Information Platform.

The GIP-project has been focussing on collecting and describing the requirements from the fourteen other projects. These have been described in a report and this is now the basis for the next steps in which it will be defined how the EGDI platform will be extended to support the projects' results. On important data type, which has not been part of EGDI before, is 3D models. A prototype of how these will be stored and disseminated has been developed.

5 PRESS RELEASES

- New Metadata Cookbook

  Target audience: experts connected with the project, stakeholders (scientific and academic networks and infrastructures).

  Dissemination: sent to stakeholders by email.

- First demo of the Search System

  Target audience: experts connected with the project, stakeholders (scientific and academic networks and infrastructures).

  Dissemination: After the first press release was sent out, priority was given to using the blog to communicate news and developments, so this document was not sent out as a press release.

- GIP-P: making GeoERA more fair

  Target audience: experts connected with the project, stakeholders and decision makers.

  Dissemination: After the first press release was sent out, priority was given to using the blog to communicate news and developments, so this document was not sent out as a press release.

6 BLOG POSTS

- News: GeoERA's and EGDI's platform anniversary

  Target audience: experts connected with the project, stakeholders and decision makers, and public.

  Dissemination: posted on the blog and Twitter of GeoERA.

  https://geoera.eu/blog/geoeras-and-egdi-platforms-anniversary/

GEOERA'S AND EGDI PLATFORM'S ANNIVERSARY

We are celebrating last June was the **5th anniversary** of the birth of **EGDI**. On the other hand it is the **3rd anniversary** of **GeoERA** that started in July 2018.

Now all the functionalities of EGDI have been improved and enhanced by all the hard work developed by GeoERA Information Platform Project (GIP-P).

Let's have a look back:

EGDI background and first implementation of the infraestructura (EGDI versión 1)[1]

In 2008 a flagship project funded by the EU was launched with the participation of 20 national surveys as a logical follow-up of the global OneGeology initiative (www.onegeology.org). The OneGeologyEurope project produced a distributed, web-based surface geological map of Europe that was harmonised with a common data structure and agreed geological classifications. Importantly, the project built on principles and rules from the INSPIRE directive from 2007 and was a step on the way to demonstrate the feasibility of making geological data interoperable for Europe and beyond.

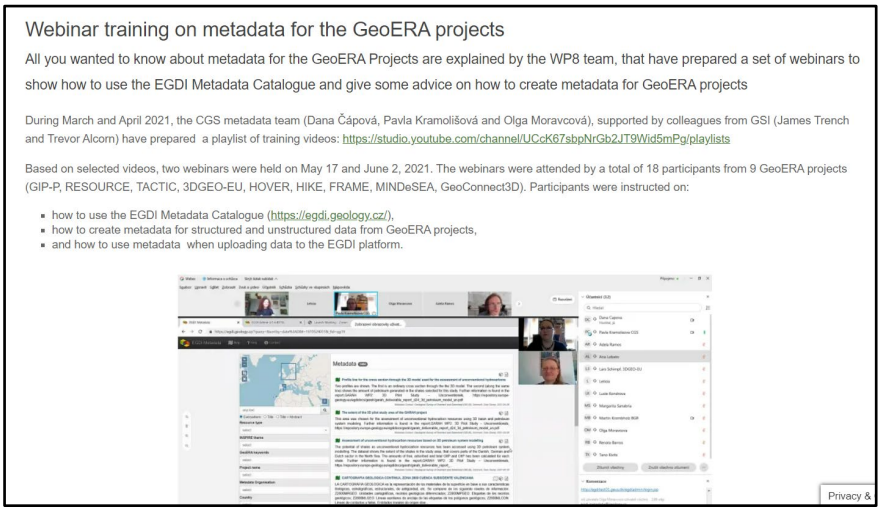
Simultaneously with these raw materials projects, a number of other European data harmonisation projects were carried out within other EGS research areas

- News: Webinar training on metadata for the GeoERA projects

  Target audience: experts connected with the project, stakeholders (scientific and academic networks and infraestructures).

  Dissemination: posted on the blog and Twitter of GeoERA.

  https://geoera.eu/blog/webinar-training-on-metadata-for-the-geoera-projects/



Webinar training on metadata for the GeoERA projects

All you wanted to know about metadata for the GeoERA Projects are explained by the WP8 team, that have prepared a set of webinars to show how to use the EGDI Metadata Catalogue and give some advice on how to create metadata for GeoERA projects

During March and April 2021, the CGS metadata team (Dana Čápová, Pavla Kramolišová and Olga Moravcová), supported by colleagues from GSI (James Trench and Trevor Alcorn) have prepared a playlist of training videos: https://studio.youtube.com/channel/UCcK67sbpNrGb2JT9Wid5mPg/playlists

Based on selected videos, two webinars were held on May 17 and June 2, 2021. The webinars were attended by a total of 18 participants from 9 GeoERA projects (GIP-P, RESOURCE, TACTIC, 3DGEO-EU, HOVER, HIKE, FRAME, MINDeSEA, GeoConnect3D). Participants were instructed on:

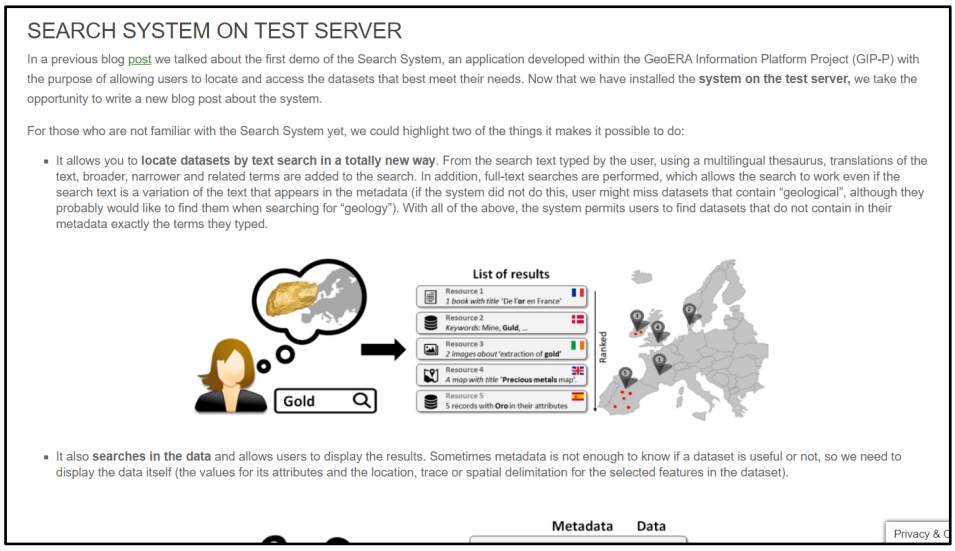
- how to use the EGDI Metadata Catalogue (https://egdi.geology.cz/),
- how to create metadata for structured and unstructured data from GeoERA projects,
- and how to use metadata when uploading data to the EGDI platform.

- News: Search System on test server

  Target audience: experts connected with the project, stakeholders (scientific and academic networks and infraestructures).

  Dissemination: posted on the blog and Twitter of GeoERA.

  https://geoera.eu/blog/search-system-on-test-server/

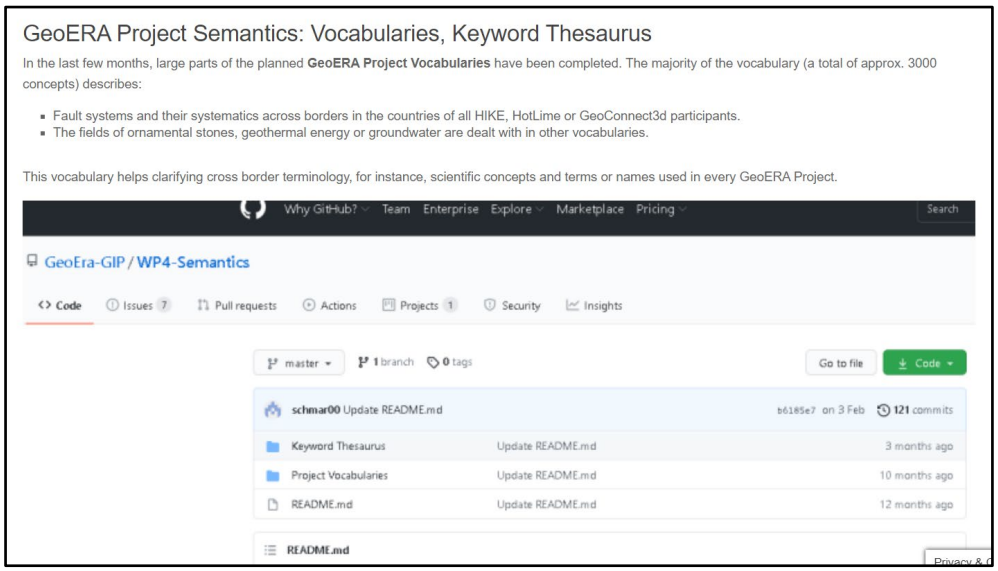


- News: GeoERA project semantics: Vocabularies, Keyword Thesaurus

  Target audience: experts connected with the project, stakeholders (scientific and academic networks and infrastructures).

  Dissemination: posted on the blog and Twitter of GeoERA.

  https://geoera.eu/blog/geoera-project-semantics-vocabularies-keyword-thesaurus/

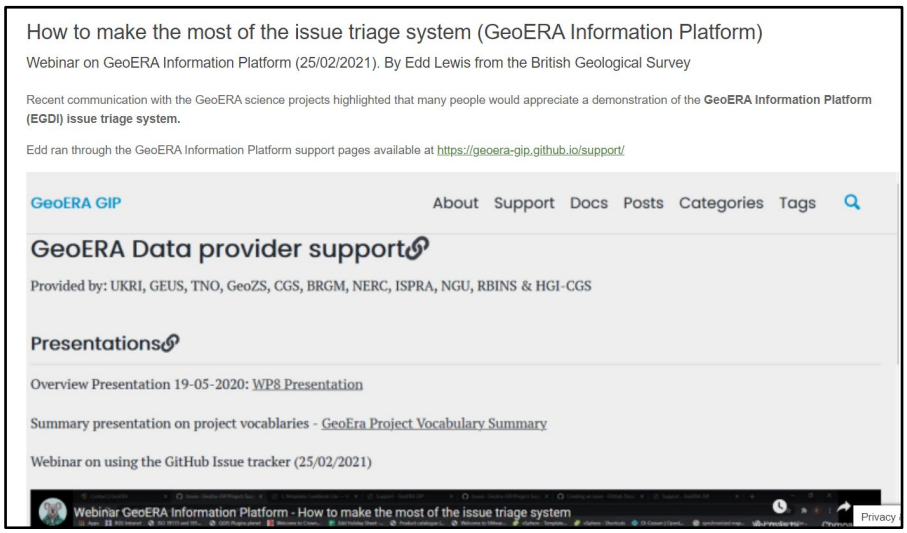


- News: How to make the most of the issue triage system (GeoERA Information Platform)

  Target audience: experts connected with the project, stakeholders (scientific and academic networks and infrastructures).

  Dissemination: posted on the blog and Twitter of GeoERA.

  https://geoera.eu/blog/how-to-make-the-most-of-the-issue-triage-system-geoera-information-platform/



- News: A new version of the Administration Module at EGDI Platform

  Target audience: experts connected with the project, stakeholders (scientific and academic networks and infrastructures).

  Dissemination: posted on the blog and Twitter of GeoERA.

  https://geoera.eu/blog/a-new-version-of-the-administration-module-at-egdi-platform/

- News: Uploading images in GeoTIFF format to the GIP-P platform

  Target audience: experts connected with the project, stakeholders (scientific and academic networks and infrastructures).

  Dissemination: posted on the blog of GeoERA.

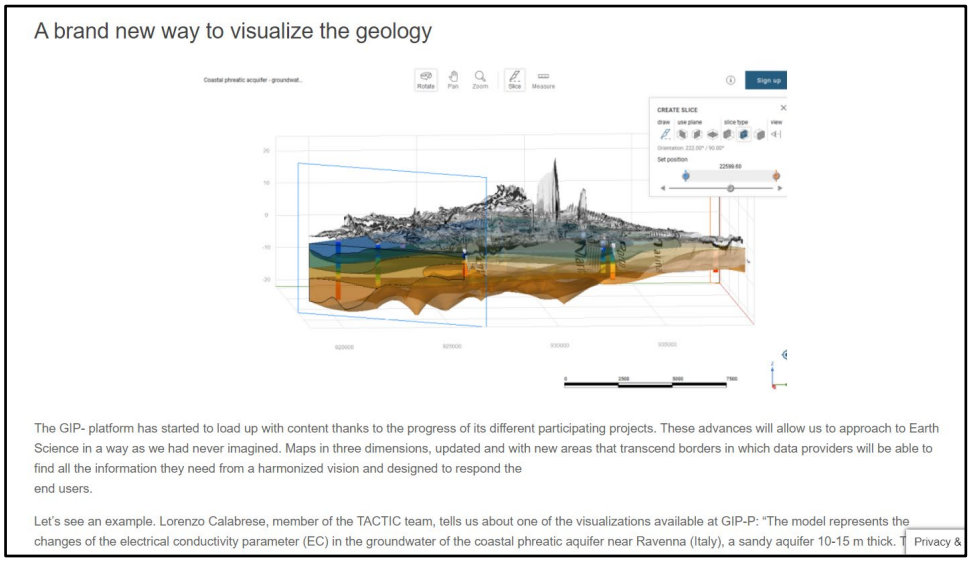
  https://geoera.eu/blog/uploading-images-in-geotiff-format-to-the-gip-p-platform/

- News: A brand new way to visualize the geology

  Target audience: experts connected with the project, stakeholders (scientific and academic networks and infrastructures).

  Dissemination: posted on the blog of GeoERA.

  https://geoera.eu/blog/a-brand-new-way-to-visualize-the-geology/

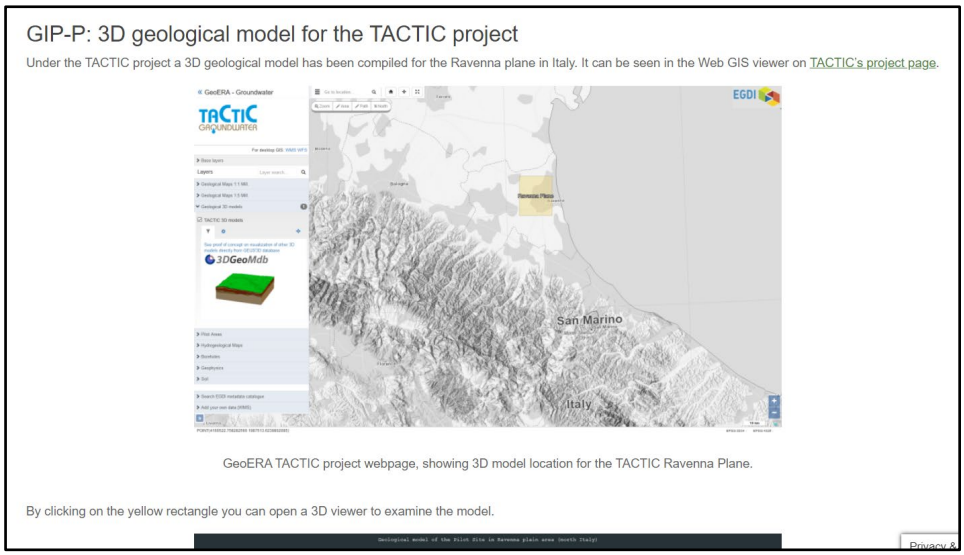


- News: GIP-P: 3D geological model for the TACTIC project

  Target audience: experts connected with the project, stakeholders (scientific and academic networks and infrastructures).

  Dissemination: posted on the blog of GeoERA.

  https://geoera.eu/blog/gip-p-post-3d-geological-model-for-the-tactic-project/



- News: Search System's first demo

  Target audience: experts connected with the project, stakeholders (scientific and academic networks and infrastructures).

  Dissemination: posted on the blog of GeoERA.

  https://geoera.eu/blog/search-systems-first-demo/