



Deliverable 11.3

Information content material

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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	4
2	POSTERS	7
3	VIDEOS	9
4	NEWSLETTERS	15
5	PRESS RELEASES	18
6	BLOG POSTS	21



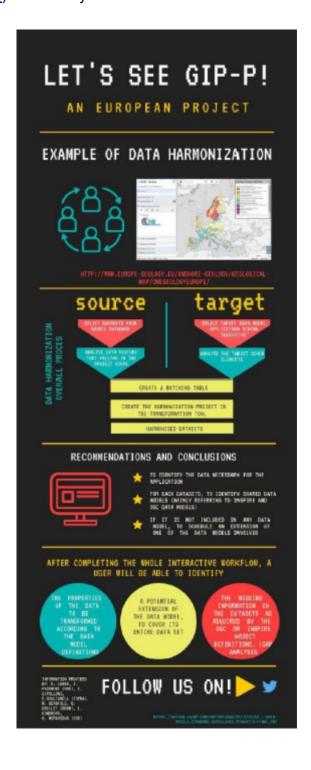


1 LEAFLETS

• 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.



Page 4 of 25 Revision no 2 Last saved 30/10/2021 19:36





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.

```
WHEN a.endlifespanversion IS NULL THEN 'true'::text

ELSE NULL::text

END AS endlifespanversionisvoid,

Mendlifespanversionvoidreason, a.name,

SELECT processingtransformationplantstatustype.url

FROM processingtransformationplantstatustype

WHERE processingtransformationplantstatustype.processingtransformationplant

Char(a.startdate, 'YYYY-PM-DD"T"HH24:MI:SS'::text) AS startdate,

Char(a.startdate IS NOT NULL THEN 'M4EU.PTP.SD_'::text || a.processingtransformationplant

ELSE NULL::text

WHEN a.startdateid,
```

Contribute to the GIP-P GitHub

Support the repository for GeoERA project!

For details, please visit https://github.com/GeoEra-GIP. You can also visit https://geoera.eu/projects/gip-p/





Announcement of the GeoERA midterm event

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

Dissemination: sent by e-mail to stakeholders.



Page 6 of 25 Revision no 2 Last saved 30/10/2021 19:36





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.



Page 8 of 25 Revision no 2 Last saved 30/10/2021 19:36





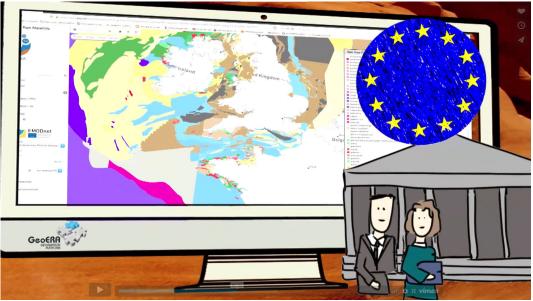
3 VIDEOS

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.





Page 9 of 25 Revision no 2 Last saved 30/10/2021 19:36





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





Page 10 of 25 Revision no 2 Last saved 30/10/2021 19:36





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





Page 11 of 25 Revision no 2 Last saved 30/10/2021 19:36





 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/





Page 12 of 25 Revision no 2 Last saved 30/10/2021 19:36





 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



Page 13 of 25 Revision no 2 Last saved 30/10/2021 19:36





• <u>GeoERA presentation</u>. 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

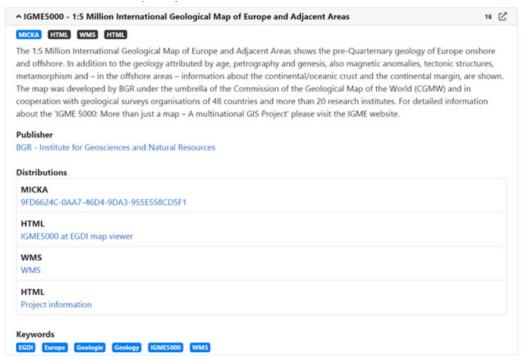
Information Platform theme

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.



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The new GIP-P product include detailed guidelines on how to insert and maintain metadata with a user friendly EGDI-Lite editor. This document is svailable on the GeoERA GIP User Documentation webpage (https://geoera-

gip.github.io/documentation/portal.html).

Thanks to this cookbook the users of the GIP will gain in autonomy for inserting and maintaining the metadata with the editor EGDI-Lite, easy to use and that in addition counts on all the detailed technical documentation of all the profile of metadata EGDI. A new product of the GIP-P with which the users of the European Geological Surveys involved in the GeoERA project will be able to learn step by step how to move through the EGDI Metadata catalogue and incorporate metadata records with examples for the use of spatial data, thus feeding a pan-European database from the national catalogues.

The MetaData Cookbook Lite is a provisional user-friendly version, since another one will be available soon that will incorporate the 3D visualization of geological models.

This EGDI metadata catalogue uses the MICKA

technology for management and publication of metadata on structured data that enables to enter, edit, harvest, discover, and view metadata on geological data across Europe. It also provides tools for compilation and export of the metadata in a standardized format (international standards, bilingual records...).

It is available at

:https://czechgeologicalsurvey.github.io/MICKA-Docs/

More info: Jørgen Tulstrup, GIP-P Coordinator. (jtu@geus.dk)





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.



Page 19 of 25 Revision no 2 Last saved 30/10/2021 19:36





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/

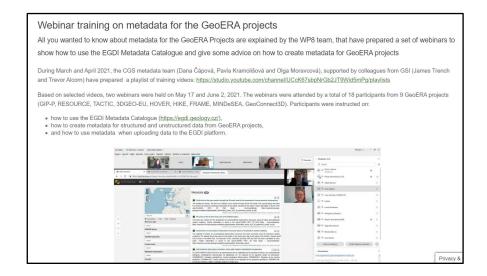


News: Webinar training on metadata for the GeoERA projects

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/





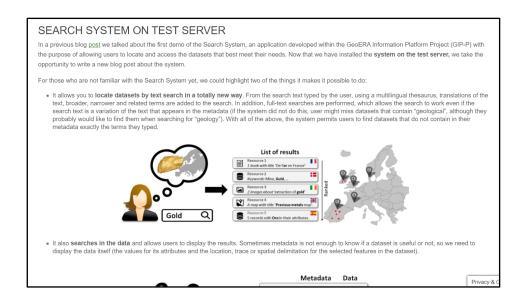


News: Search System on test server

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/

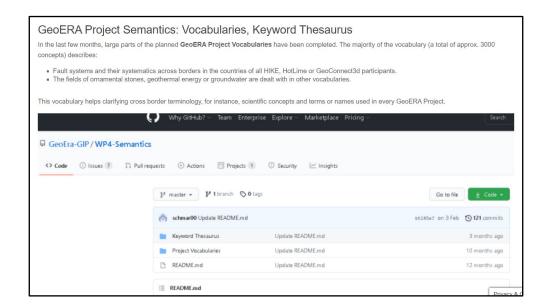


News: GeoERA project semantics: Vocabularies, Keyword Thesaurus

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/





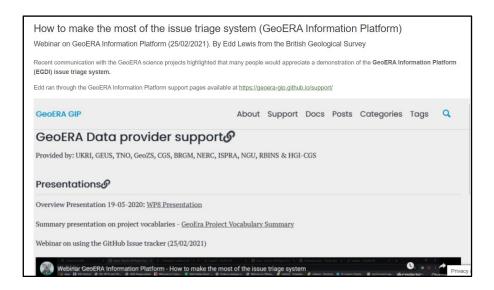


• News: How to make the most of the issue triage system (GeoERA Information Platform)

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/





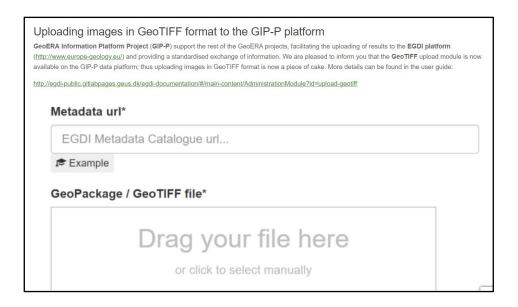


News: Uploading images in GeoTIFF format to the GIP-P platform

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/

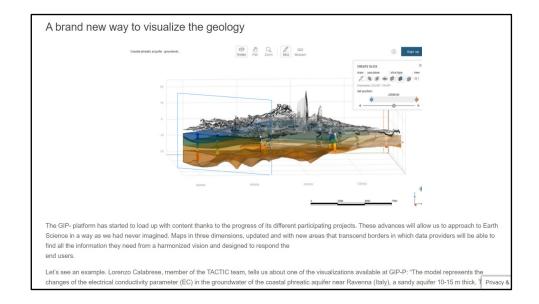


News: A brand new way to visualize the geology

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/

