

FAQ, Frequently asked questions

for metadata of GeoERA projects

in the EGDI Metadata Catalogue

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1. Metadata URL for uploading data

Question: *I have tried to create a new EGDI metadata item, but I still don't understand how I get the URL which is required to upload the actual data at the Admin module*
<https://egditest01.geus.dk/egdiadmin/geopack.jsp> .

Answer: Requested URL is the URL on Basic metadata view of your record in the EGDI Metadata Catalogue.

For example, URL of example metadata record is:

<https://egdi.geology.cz/record/basic/5e8b7243-18b0-4d85-ab71-36680a010833>

See picture:

The image shows two overlapping screenshots from a web browser. The top screenshot displays the 'Basic metadata' view of a record titled 'Example - Mineral deposits and resources'. The browser's address bar shows the URL <https://egdi.geology.cz/record/basic/5e8b7243-18b0-4d85-ab71-36680a010833>, which is circled in red and labeled 'copy URL'. The bottom screenshot shows the 'Upload GeoPackage / GeoTIFF file' form. The 'Metadata url*' field is highlighted in red and labeled 'paste URL', with a red arrow pointing from the URL in the top screenshot to this field. The form also includes a 'GeoPackage / GeoTIFF file*' section with a 'Drag your file here' area and an 'Upload' button.

2. Inability to save metadata record

Questions: *Why it is not possible to save the record in editing form?*

Answer: The required fields highlighted in red are left blank (see picture below). You have to fill them in first, otherwise the record cannot be saved as it is described in the Cookbook (https://egdi.geology.cz/layout/egdi/MetadataCookbook_Lite.pdf) on page 15.

Micka Save Stop Cancel EGDl-Lite

Mandatory field - must be filled properly

2 Resource abstract

3 Resource type

Select one ...

4 Resource locator

URL

Function

Select one ...

Protocol

Select one ...

Name

Description

5 Unique resource identifier

URI

Validate

- 1 Resource title
- 2 Resource abstract
- 3 Resource type
- 4 Resource locator
- 5 Unique resource identifier
- 7 Resource language
- 8 Topic category
- 10.1 INSPIRE Keywords
- 11 Geographic bounding box
- 14.1 Reference date - Date of publication/ last revision/ creation
- 14.2 Temporal extent
- 15 Lineage
- 16 Spatial resolution
- 17.1 Specification Missing "Commission Regulation (EU) No 1089/2010 of 23 November 2010 implementing Directive 2007/2/EC of the European Parliament and of the Council as regards interoperability of spatial data sets and services"
- 18.1 Conditions applying to

3. Metadata record not visible to all users

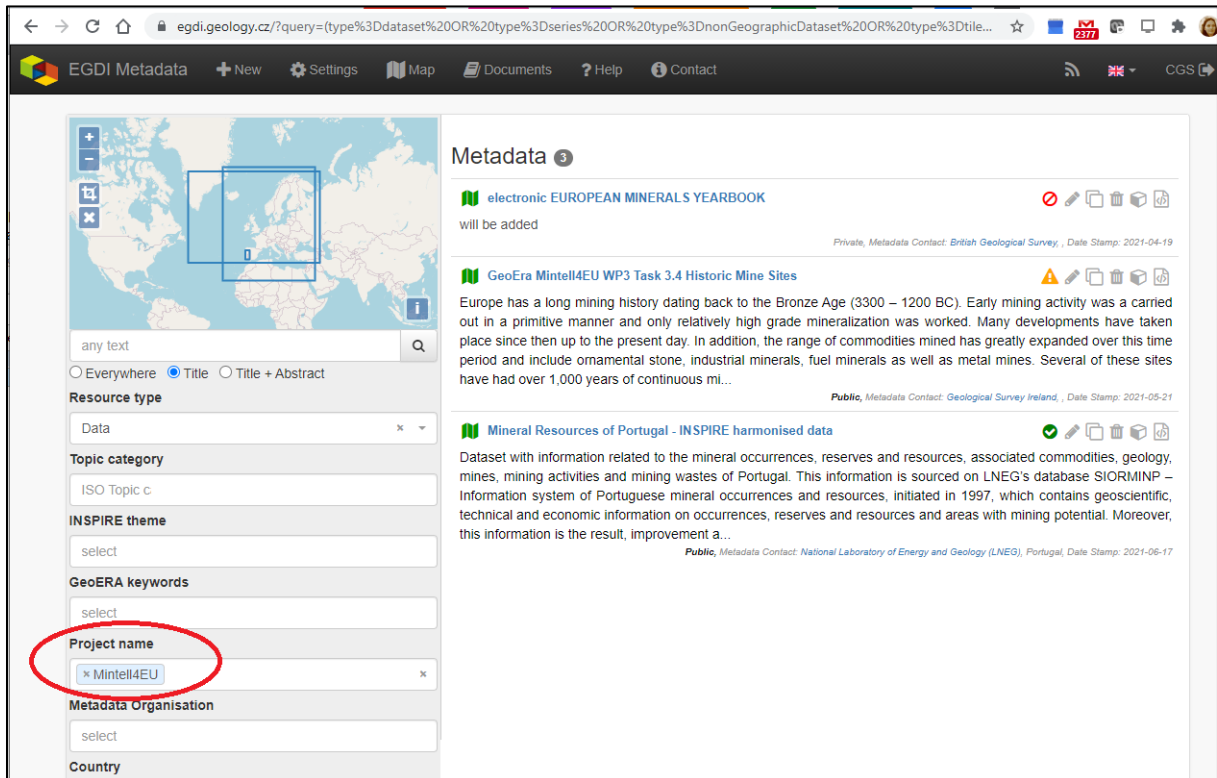
Question: Why is my newly created record not visible to my colleague?

Answer: Metadata **status of this record** is "Private". Your colleague views the record as an unlogged user. To make the record visible to public, you must set the *Status*: "**Public**" and *For viewing*: "**reader**". See picture:

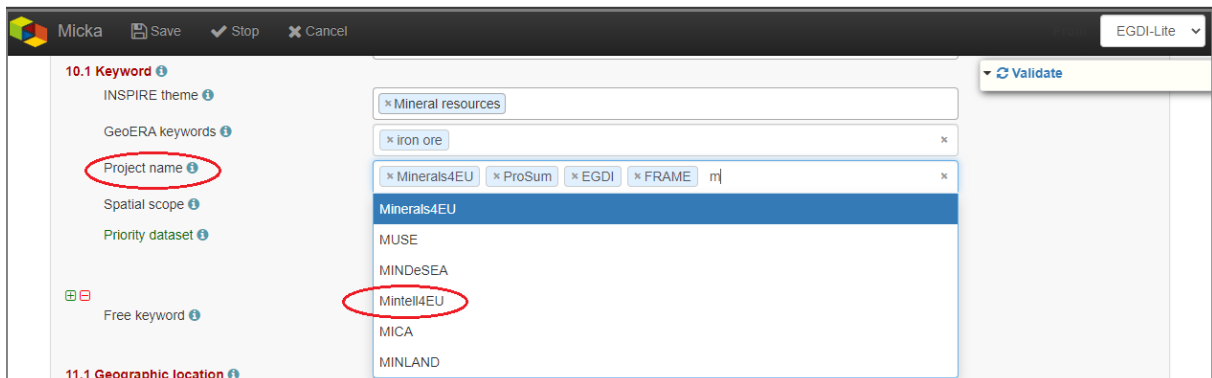
Status: Public Group for editing: editor For viewing: reader Metadata language: 🇬🇧

4. Search metadata by *Project Name*

Question: Why can't I find my metadata in the EGDl Metadata Catalogue when searching by *Project name* keyword, for example "Mintell4EU" (picture below)?



Answer: You did not enter the right project name keyword from the code list in your metadata record; you should select the appropriate *Project name* as a keyword from the list. See picture:



A common mistake is to include the project name as a *Free keyword*. After that, the record can only be found using the full text search.

5. Upload metadata from XML file

Question: *Is it possible to upload metadata from XML file to the EGDI Metadata Catalogue?*

Answer: Yes, of course, see picture below with steps 1. to 5. as red hints. The complete workflow is described in more details in the Cookbook (https://egdi.geology.cz/layout/egdi/MetadataCookbook_Lite.pdf) in the Chapter 3.1 on page 8. Keep in mind that your xml file must meet international standards.

The screenshot shows the 'New record' form in the EGDI Metadata application. The form is divided into several sections:

- Standard:** Radio buttons for 'Spatial Data Metadata (ISO 19115)', 'Service Metadata (ISO 19119)', 'Metadata (Dublin Core)', 'Feature Catalogue', and 'Import from file / URL' (selected and circled).
- Import:** A dropdown menu for 'Resource type' set to 'ISO 19139 XML' (circled).
- Select file for import:** A 'Choose File' button and a text field containing the file name '5e8:5e81e00-...010851.xml' (circled).
- service URL:** An empty text input field.
- Existing record:** Radio buttons for 'Overwrite' and 'Leave existing' (selected).
- Group for editing:** Two dropdown menus for 'Group for editing' (set to 'editor') and 'For viewing' (set to 'reader').
- Create:** A blue 'Create' button (circled).

6. Use of example records

Question: *Is there any example record for creating metadata? Can I use it as a template or to do a copy and edit it to create my own metadata record?*

Answer: Yes, there are 3 examples:

- **Dataset example record:**
<https://egdi.geology.cz/record/basic/5e8b7243-18b0-4d85-ab71-36680a010833>
- **3D model dataset example record:**
<https://egdi.geology.cz/record/basic/5e8b358e-7998-4f71-a363-2b260a010833>
- **Service example record:**
<https://egdi.geology.cz/record/basic/5e8e29b8-e334-4b30-b78b-14750a010833>

7. Unique resource identifier as URI

Question: *Is there any recommended URI format for the Identifier (item **5 Unique resource identifier** in the EGDI Metadata Profile) or is there any agreed convention for its definition?*

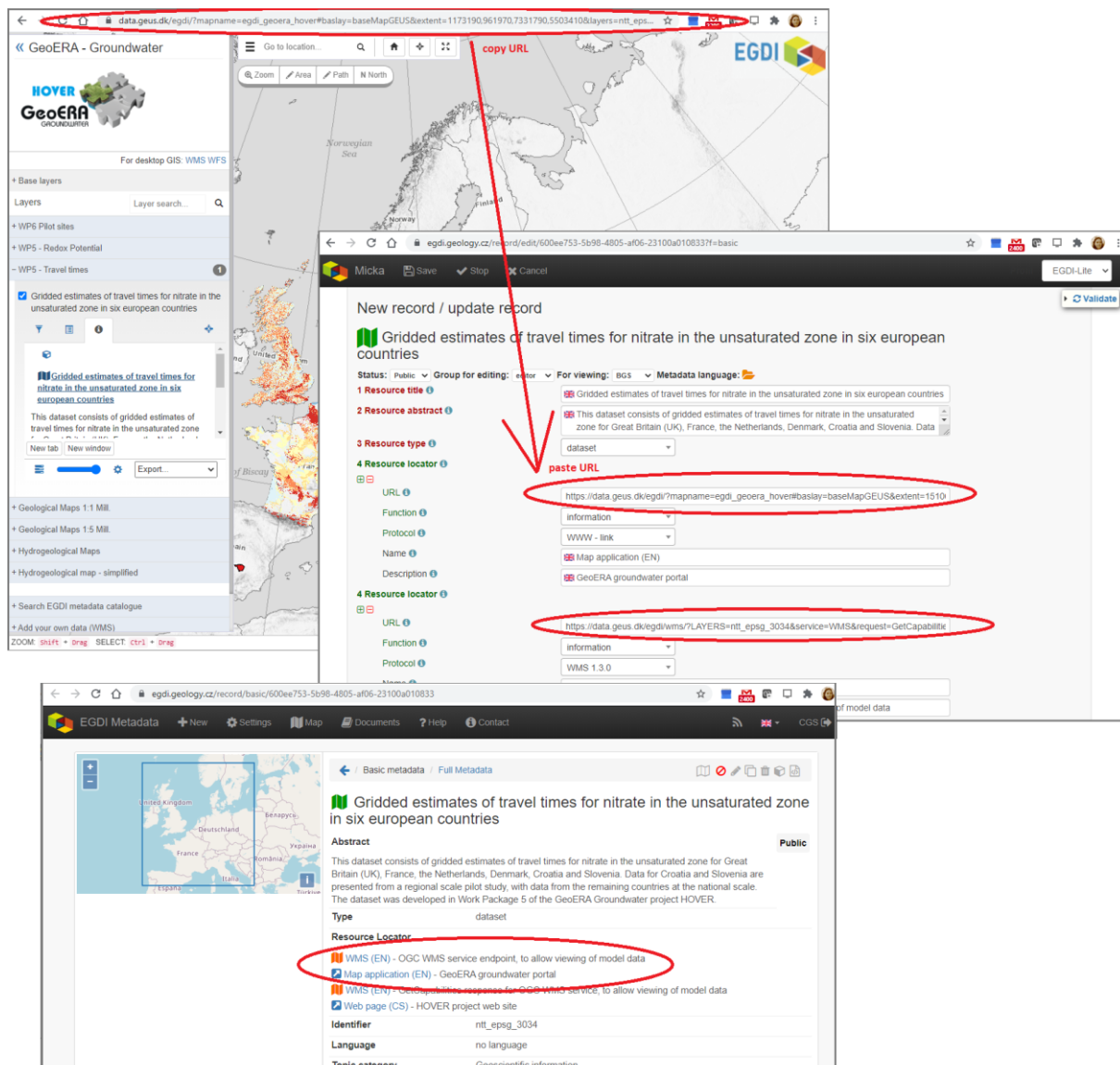
Answer: There is no official standard other than formal URL rules, but it is our effort to define uniform rules in EGDI. For example *Identifier* as URI of harvested metadata from the Czech Geological Survey is as follows: <https://registry.geology.cz/id/VDC-POD-WMS>, where [https://registry.geology.cz/id] represents the domain, [VDC] represents the thematic database within CGS data store, [POD] represents the data set name, and [WMS] represents the type of access to the data set. For data which are available and uploaded to the EGDI Map Viewer it is recommended to begin the URI identifier with the EGDI domain: <http://www.europe-geology.eu/id>

Example URI: <http://www.europe-geology.eu/id/mineral-resources/>

8. Adding Web Map URL to the dataset metadata as an on-line Resource Locator

Question: *I couldn't find a link in my metadata record of dataset to see appropriate uploaded data on the EGDI portal. What should I do?*

Answer: After uploading your data to the EGDI Map Viewer via the Admin module, return to your metadata record in the EGDI Metadata Catalogue. In the EGDI-Lite editing form add a link to the Service from the EGDI Map Viewer to the item "4 Resource locator" of the metadata record for related dataset. See picture below:



9. Linking of dataset metadata - Source Citation and Parent Identifier elements

Question: How to link a **Pan-European metadata** record to national records?

Answer: It depends on how the related data layer is created and what the relationship should express.

1. The data relationship when **"something is part of something else"**. The resulting dataset is a superset with lower units - subsets (like a book with its chapters). In the subset record, select the higher item from the list in item **30 Parent Identifier**.

The screenshot shows a metadata form with various fields. The 'Parent Identifier' field (item 30) is circled in red. A dropdown menu is open, showing a list of options. The option 'Ab initio calculations and high P-T experiments on iron, iron alloys and other materials (NERC Grant NE/M015181/1)' is selected and highlighted in blue. Other options include 'Aa Indices.', 'A - Aquifer media (DRASTIC)', and 'Abandoned mine lands'.

2. The data relationship when **"something comes out of/uses something"**. The resulting layer is created by transforming or compiling other resources (modifying them, such as geographic or semantic harmonization). These resources must be identified by the item **31 Sources** (list the sources citation). If the source metadata does not exist in the EGDI Metadata Catalogue, the URL of the external metadata in xml can also be entered in the field.

The screenshot shows a metadata form with various fields. The 'Sources' field (item 31) is circled in red. A dropdown menu is open, showing a list of options. The option 'Aa Indices.' is selected and highlighted in blue. Other options include 'A - Aquifer media (DRASTIC)', 'Abandoned mine lands', and 'Ab initio calculations and high P-T experiments on iron, iron alloys and other materials (NERC Grant NE/M015181/1)'.

10. Metadata of a set of spatial products for one area

Question: If we upload a set of spatial products (e.g. temperature map, fault network, transmissivity map, etc.) covering the same area and coming from the same author/partner, does each single layer require a separate metadata entry or can we pool it for each set coming from the same author/partner, listing what the single layers are?

For now, we applied the latter way, see the coupled resources (11 children / grandchildren) of <https://egdi.geology.cz/record/basic/602f94c8-8bfc-42b6-a8a2-61070a010833>

Answer: We think it is correct, see answer 9.1.

11. Validation of 3D models extended by vertical items compared to INSPIRE validation

Question: Why validation panel requires vertical reference system and extent (item 22 and 23), when my metadata are 2D?

Answer:

As described in the Cookbook (https://egdi.geology.cz/layout/egdi/MetadataCookbook_Lite.pdf) on page 20, item **12 Presentation form**, filled as value **"Model digital"**, is mandatory for 3D models. When selected from the codelist, the validation rules change to meet the metadata description requirements of the 3D models. You can also select the value "Model digital" for your **2D dataset**, but then **do not worry about validation of vertical items**. This is only required for 3D models.

The screenshot shows the EGDI-Lite metadata editor interface. The 'Presentation form' field is set to 'Model digital'. The 'Validate' panel on the right shows validation rules for items 5, 14.2, 22, 23, and 23.3, with 22, 23, and 23.3 circled in red. The 'Date' field is set to '2020-12-30' and 'Date Type' is 'creation'. The 'Lineage' field contains a text box with a warning icon and text: 'This dataset was created in WP5 of the HOVER project of GeoERA. It was derived from national and regional scale models of travel times for nitrate in the unsaturated zone.' The 'Spatial resolution' field has a 'Scale' of '1: Select one or more (own values + Enter)' and a 'Distance' of '1000'.

Didn't find what you were looking for? Still have questions? Need help? Send us an email on:
egdi.metadata@geology.cz