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# Deliverable

# **Demonstrator portals, Version 1**

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Version: 1

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### TABLE OF CONTENTS

1	ADMINISTRATION MODULE FOR MANAGING DATA PRODUCTS AND VISUAL SETTINGS
2	IMPLEMENTATION OF FIRST DATASETS7
3	PILOT IMPLEMENTATION OF VALIDATION ROUTINES8
4	ABILITY TO DISPLAY GEOLOGICAL MODELS AND FAULTS IN 3D.9





## 1 ADMINISTRATION MODULE FOR MANAGING DATA PRODUCTS AND VISUAL SETTINGS

The administration module have been expanded with project specific login:



Users can upload spatial data on ShapeFiles and GeoPackages formats to the portal.

# Upload GeoPackage file

Make sure that you have created metadata for the dataset in MISCA.

Metadata uri*
MISCA metadata url
r Example
Geopackage file*
Drag a GeoPackage file here
or click to select manually
Scourse
Upload

To upload new datasets to the portal, the user must first add metadata about the data set to MICKA and refer to this metadata when uploading datasets.

It is possible to edit and create maps and add any number of layers / datasets to the map.





EGDI Admin Data set Web map Couplings

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#### Web map

• Create	new O Go back				
Filter ha	ame				
	Name (Click title to see/edit)	Extent	External	Owner	
🕑 Run	3dgeoeu_preview ↔ 3DGEO-EU preview map	EPSG:3034 [0.000000,0.00000,7145840.000000,4861270.000000]	Yes	3dgeoeu_user	💼 Slet
🕑 Run	egdi ↔ en:"EGDI - All maps",da:"EGDI - alle kort"	EPSG:3034 [0.000000.0.00000,7000000.000000,6800000.000000]	Yes	postgres	🗂 Slet
⊖ Run	egdi_critical_raw_materials_test ⇔ europe_crit_test	EPSG:3034 [-770840.000000,700890.000000,7145840.000000,4861270.000000]	Yes	postgres	🗂 Slet
⊙ Run	egdi_denmark ↔ en:"Denmark",da:"Danmark"	EPSG:25832 [140000.000000.6020000.000000.975000.000000,6430000.000000]	Yes	postgres	🗂 Slet
🛈 Run	egdi_emodnet_geology ↔ en:"EMODnet Geology",da:"EMODnet Geology"	EPSG:3034 [0.000000.0.00000,7000000.000000,6800000.000000]	Yes	postgres	💼 Slet
🕑 Run	egdi_emodnet_geology_test ↔ EMODnet Geology BETA	EPSG:3034 [0.000000,0.00000,7145840.000000,4861270.000000]	Yes	bpj	🗂 Slet
🕑 Run	egdi_energy ↔ en:"Energy",da:"Energi"	EPSG:3034 [0.000000.0.00000,7000000.000000,6800000.000000]	Yes	postgres	🗂 Slet
🕑 Run	egdi_epos ↔ en:"European Plate Observing System: EPOS" da:"European Plate Observing System: EPOS"	EPSG:3034 [0.000000.0.000000.7000000.000000.6800000.000000]	Yes	cbp	Slet
Run	egdi_geochemistry ↔	EPSG:3034	Yes	postgres	Tele m

GeoERA	
EGDI Admin Data set Web map Couplings	HIKE: MH
Go back O Run Add layers to map	
Webkort	
3daeoeu preview	
* Remired	
Unique name*	
3dgeoeu preview	
No Ves Set to "No". In the future, we may setup an internal webGIS for confidential maps.	
Title*	
3DGEO-EU preview map	
Data extent* EPSG:3034 (ETRS89 / ETRS-LCC * 4861270.000( 0.000000 ** * 7145840.000( 0.000000	
Tip: You can use an existing map in the same projection, zoom to desired area and copy the bounding box from the URL.	
Introduction HTML	
Shown together with the map in the top corner. You can add javascript here to make something happen on load.	
Here various layers can be tested before adding them to official maps.	
	maksimér
Reset Save	

Map editor from where layers can be edited  $/\ added\ /\ removed$  from a map.





S EGDI Admin Data set Web map Couplings

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# Couplings, web map $\leftrightarrow$ data set

Filters	Web map:	egdi_geoera_3dgeo V Data set:	Y	🕑 Run m	ap
		Coupling	Group > Title		<b>c</b> ^
Edit	🖺 Сору	Web map: egdi_geoera_3dgeoeu Data set: onegeoeuro_surface_lithology	Group: da:"Geologisk kort 1:1M",en:"Geological Map 1:1M" Title da:"Lithologi, overflade (INSPIRE)",en:"Surface lithology (INSPIRE)"	Sorting: 10 Default: Nej	p
Edit	🖺 Сору	Web map: egdi_geoera_3dgeoeu Data set: onegeoeuro_surface_age	Group: da:"Geologisk kort 1:1M",en:"Geological Map 1:1M" Title da:"Alder, overflade (INSPIRE)",en:"Surface age (INSPIRE)"	Sorting: 20 Default: Nej	p
Edit	🖺 Сору	Web map: egdi_geoera_3dgeoeu Data set: igme5000	Group: da:"Geologisk kort 1:5M",en:"Geological Map 1:5M" Title da:"Europa (IGME 5000)",en:"Europe (IGME 5000)"	Sorting: 30 Default: Nej	p
Edit	🖺 Сору	Web map: egdi_geoera_3dgeoeu Data set: igme5000_faults	Group: da:"Geologisk kort 1:5M",en:"Geological Map 1:5M" Title da:"Europa faults (IGME 5000)",en:"Europa faults (IGME 5000)"	Sorting: 40 Default: Nej	p
Edit	🗳 Сору	Web map: egdi_geoera_3dgeoeu Data set: igme5000offshore	Group: da:"Geologisk kort 1:5M",en:"Geological Map 1:5M" Title da:"Europa Offshore (IGME 5000)",en:"Europe Offshore (IGME 5000)"	Sorting: 50 Default: Nej	p
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Edit	🖺 Сору	Web map: egdi_geoera_3dgeoeu Data set: eurogeosource_framework	Group: da:"Southern Permian Basin Atlas",en:"Southern Permian Basin Atlas" Title da:"Framework",en:"Framework"	Sorting: 70 Default: Nej	p
Edit	🖺 Сору	Web map: egdi_geoera_3dgeoeu Data set: eurogeosource_crustal_structure	Group: da:"Southern Permian Basin Atlas",en:"Southern Permian Basin Atlas" Title da:"Crustal structure",en:"Crustal structure"	Sorting: 80 Default: Nej	p
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EGDI Admin Data set Web map Couplings

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### Couplings, web map $\leftrightarrow$ data set

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		Coupling	Group > Title		c
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Edit	💕 Сору	Web map: egdi_geoera_3dgeoeu Data set: onegeoeuro_surface_age	Group: da:"Geologisk kort 1:1M",en:"Geological Map 1:1M" Title da:"Alder, overflade (INSPIRE)",en:"Surface age (INSPIRE)"	Sorting: 20 Default: Nej	p
Edit	💕 Сору	Web map: egdi_geoera_3dgeoeu Data set: igme5000	Group: da:"Geologisk kort 1:5M",en:"Geological Map 1:5M" Title da:"Europa (IGME 5000)",en:"Europe (IGME 5000)"	Sorting: 30 Default: Nej	p
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Edit	💕 Сору	Web map: egdi_geoera_3dgeoeu Data set: eurogeosource_crustal_structure	Group: da:"Southern Permian Basin Atlas",en:"Southern Permian Basin Atlas" Title da:"Crustal structure",en:"Crustal structure"	Sorting: 80 Default: Nej	p
Edit	🖺 Сору	Web map: egdi_geoera_3dgeoeu Data set: eurogeosource tectonic evolution	Group: da: "Southern Permian Basin Atlas", en: "Southern Permian Basin Atlas" Title da: "Tectonic evolution", en: "Tectonic evolution"	Sorting: 90 Default: Nej	p,

# 2 IMPLEMENTATION OF FIRST DATASETS

The EGDI portal have until now mainly been expanded mainly with data from previous and related projects.







By now, the portal makes more than 60 layers / datasets available.

### **3 PILOT IMPLEMENTATION OF VALIDATION ROUTINES**

It has been decided, that there will not be build testing tools into the EGDI platform. Testing tools will however be made available for the project to test services (including INSPIRE test tools). WP8 can then help users with testing of data sets and services prior to uploading data sets / registering services at the EGDI platform.





### 4 ABILITY TO DISPLAY GEOLOGICAL MODELS AND FAULTS IN 3D

The EGDI platform have been expanded with a 3D model database based on GEUS' 3D model database which makes it possible to store models generated using GeoScene3D, Petrel, LeapFrog and GoCAD. The database currently contains five 3D models of different types (Voxel, grid based, and real 3D models).



The different models can be accessed through a REST base interface and shown in a simple browser based 3D viewer.







Figure 1: 3D model from the Po Valley – Italy