





Feasibility Study for the information component of the Information and Training Centre for Water in Lebanon

Validation workshop

First catalogue and geoportal for data inventory and sharing

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20 June 2018, Beirut, Lebanon

Why metadata?

✓ Does the data I am looking for exist?

→ Where to find it?

✓ Does it responds to my need?

→ Reference date?

→ Right to use it?

→ Meaning of file attributes?

√ How to access it? Who to contact?

→ Owner?

→ Can be published?

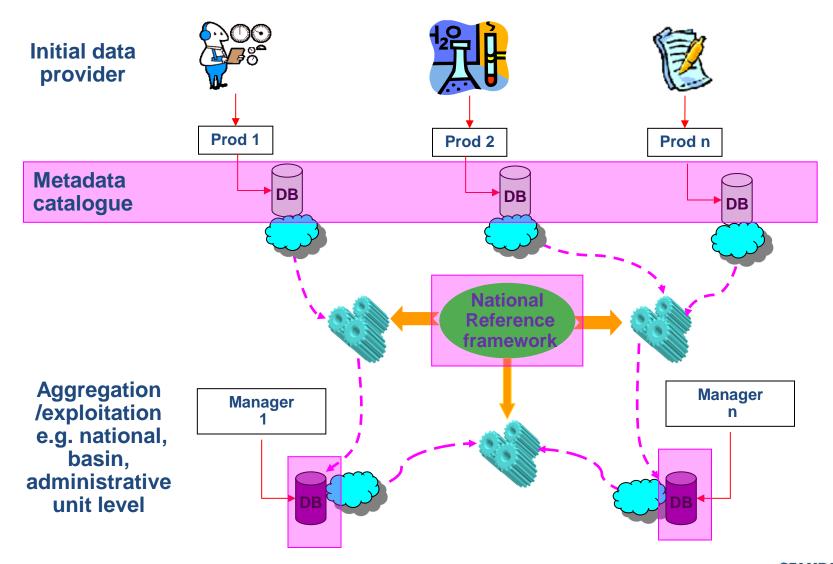
→ Scale?

→ Licence?

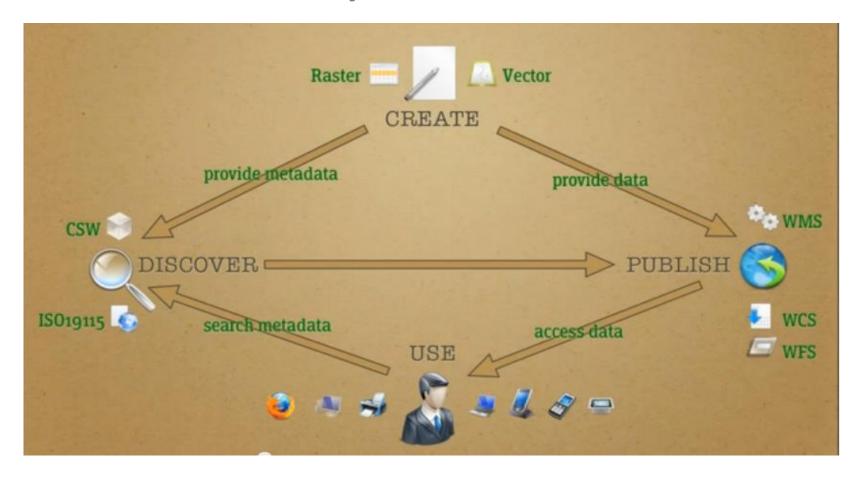
→ Projection system?



Organising data exchanges



The Story of Data and metadata



Similar approach & tools for geographical or non geographical data



Catalogue: Who does what Data about data

2 main features

Declaration → Inventory

Searching → Discovery

Additional features:

Data access (download)

Data visualisation



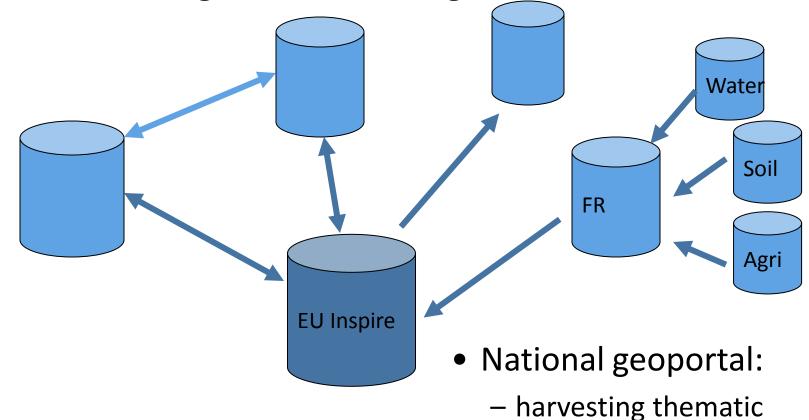
- Each producer describes its own data source (produced or managed)
- Web based application (different software tools available)
- Based on international standards (ISO) => interoperability



Allowing metadata Synchronization (harvesting)

Inspire

EU level harvesting national catalogues



catalogues

Lebanese Water Information System Workshop, 20 June 2018

Geonetwork in a nutshell

- Open source software
- 1st prototype by UN-FAO in 2000
- Widely used
 - UN: FAO, UNEP, MAP, WHO, etc.
 - ESA, EEA, National administrations
- Can be customised
- Built on Standards :
 - ISO (International Standards Organization)
 - OGC (Open Geospatial Consortium)
- Community website
 - Documentation center (FAQ, Manuals)
 - Software center
 - Mailing lists for Users & Developers



Some examples

Bassin (Adour Garonne)

Sandre (France)

Geocatalogue (France)

INSPIRE geoportal

EEA geospatial data

FAO geospatial data







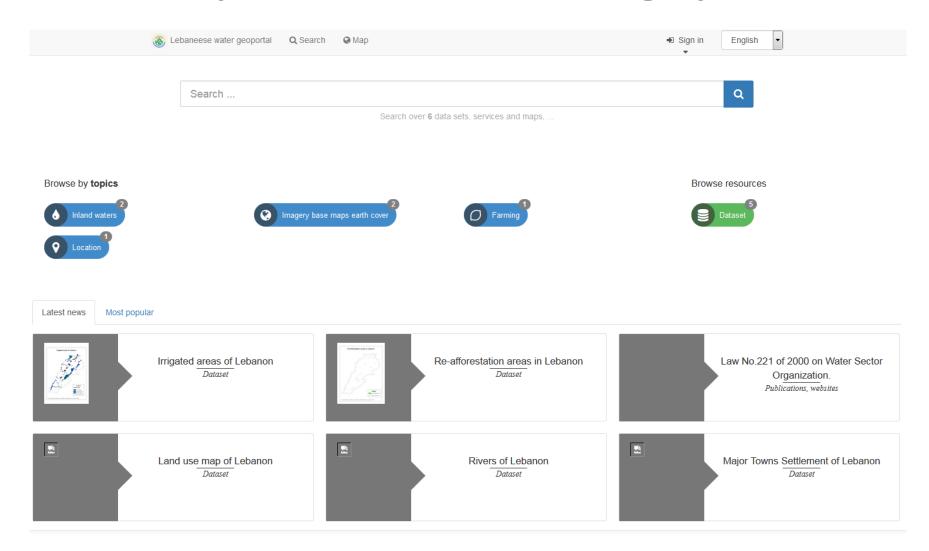








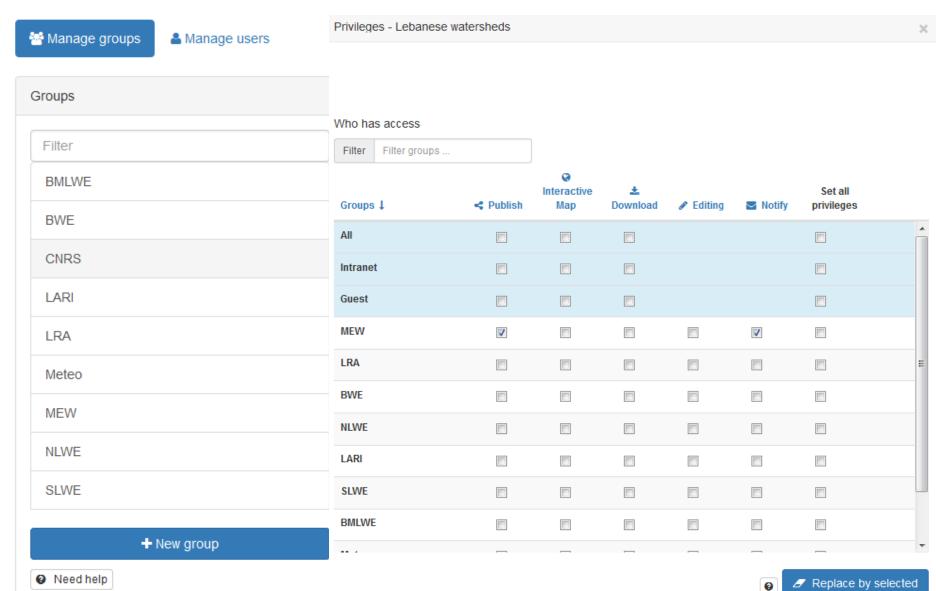
Proposal for a Lebanese water geoportal



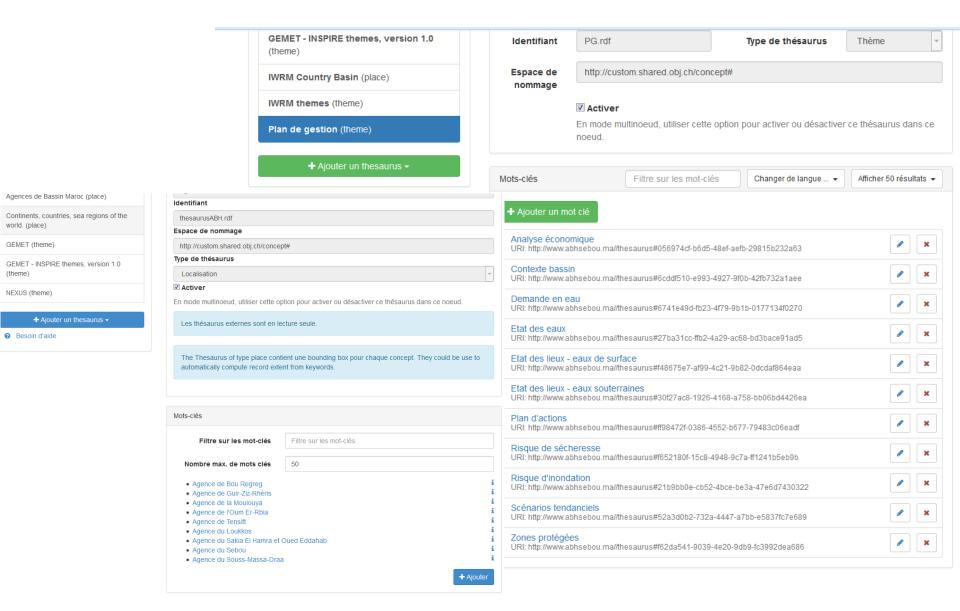
http://geoportal.lb.semide.net/geonetwork



Confidentiality & Access rights

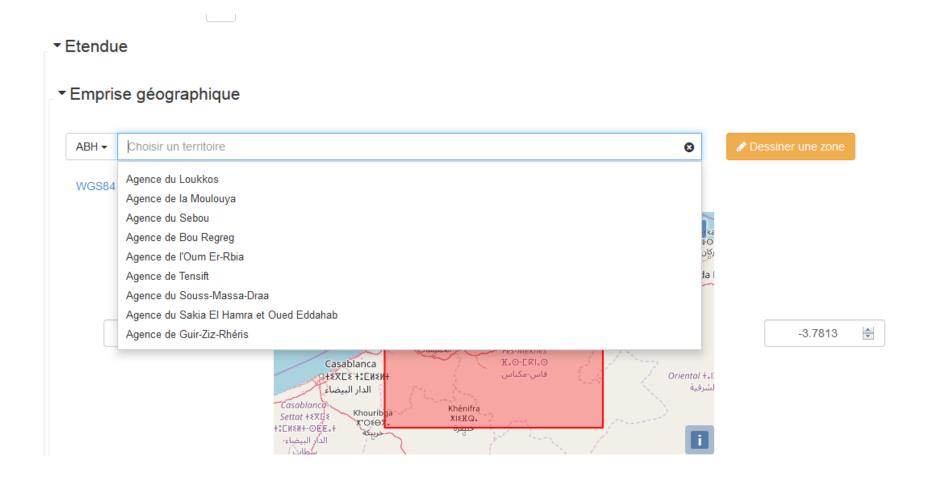


Customisation of classification schemes

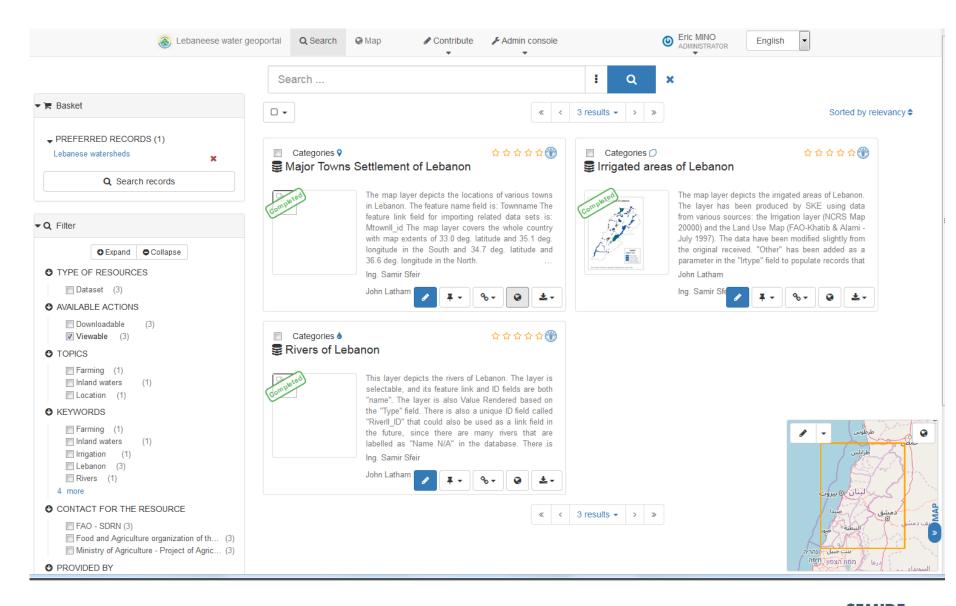




Geographical Thesaurus

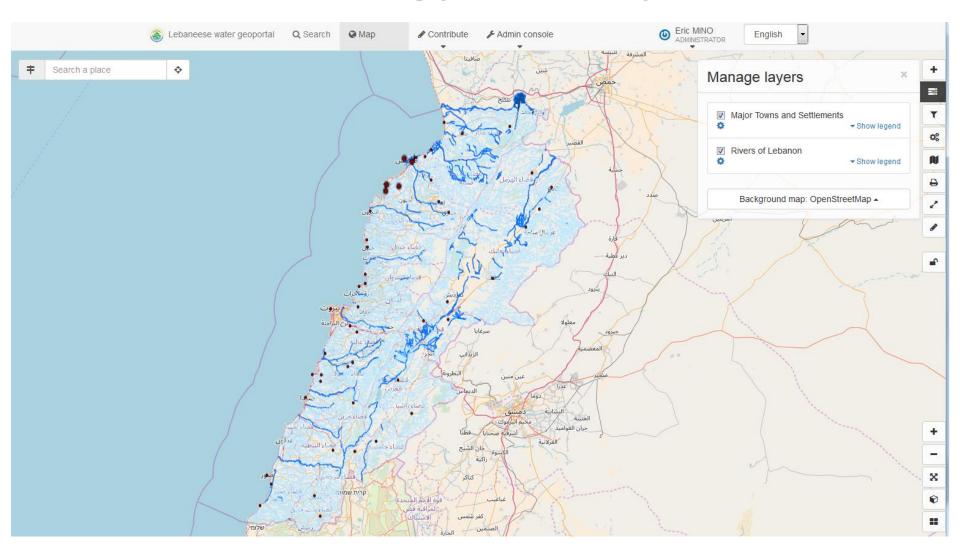


Download and Visualisation



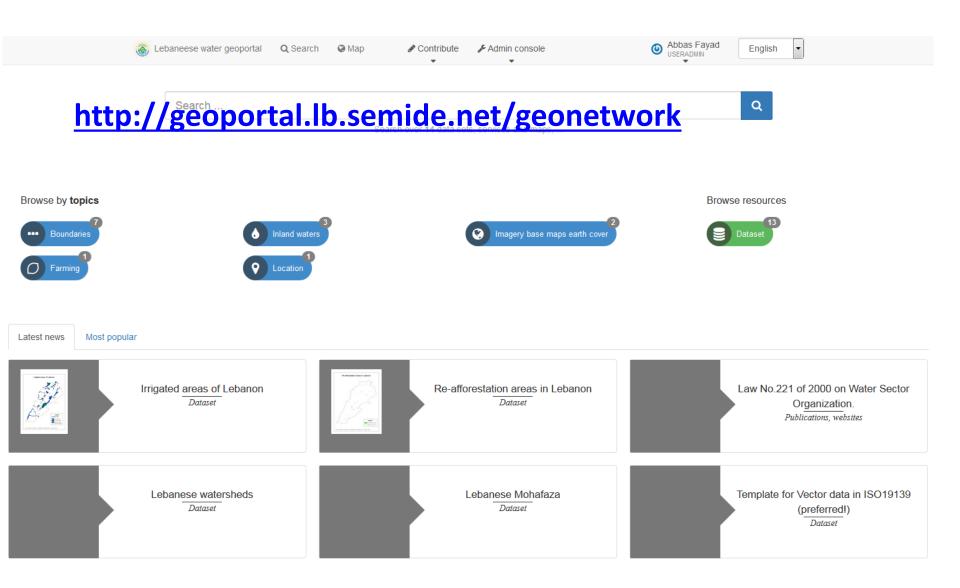


Creating your own map





Live demo











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www.semide.net/initiatives/MWKP