



KINDRA workshop for Belgium and Luxembourg



Knowledge Inventory for hydrogeology research

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Most of the slides are from Marco Petitta (Main Coordinator of the KINDRA project)

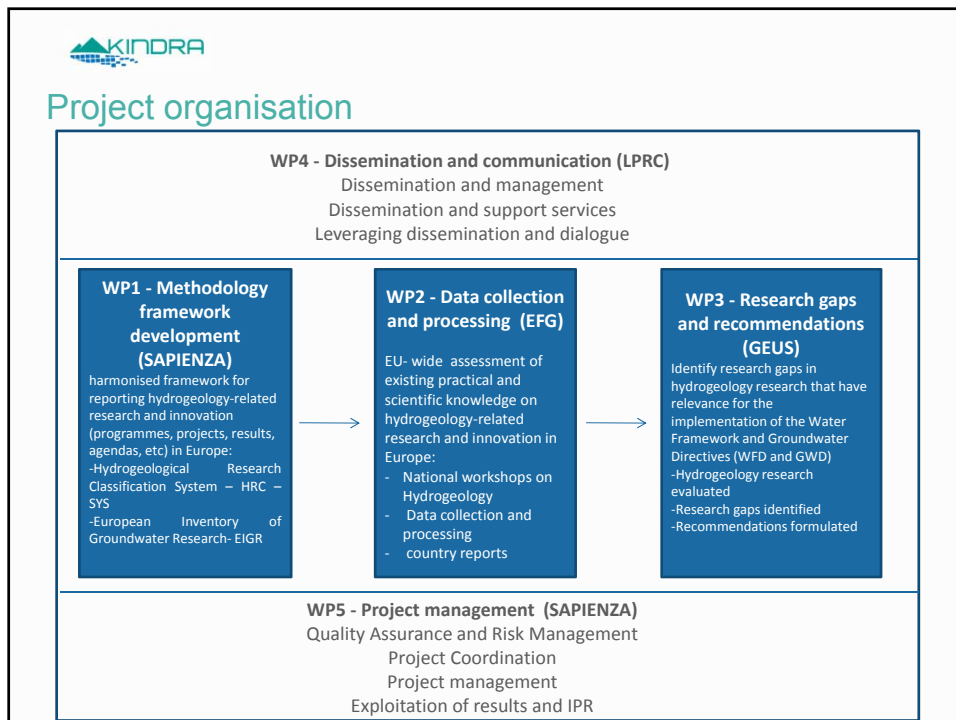
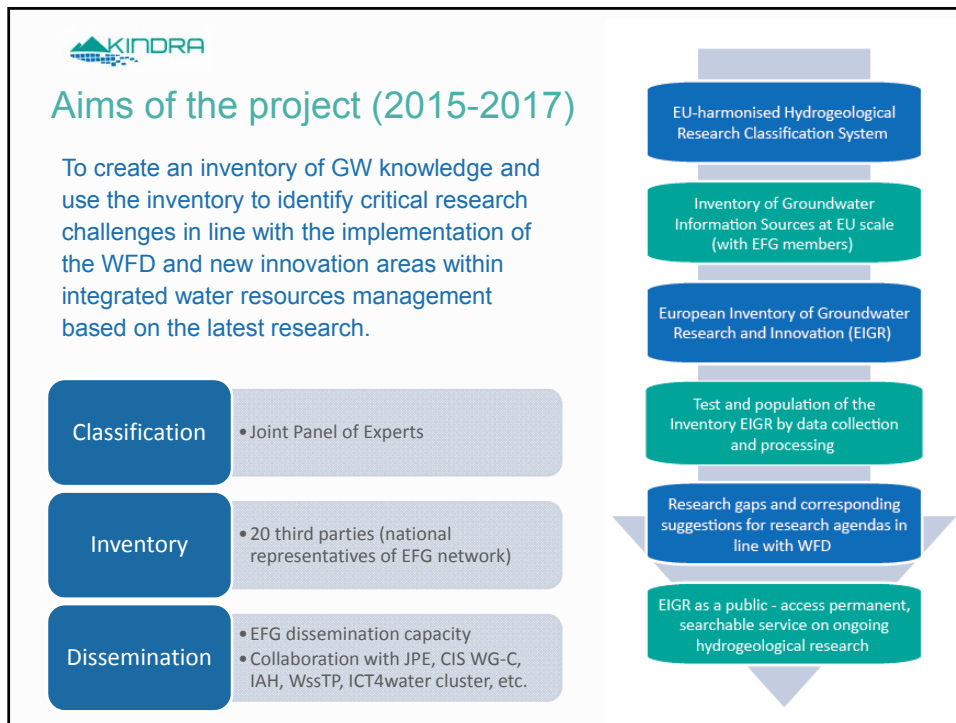


Project partners



including:

- a joint panel of 'experts' (10 members)
- 20 third parties (associations acting as national members of EFG network)





How to classify groundwater research?

Keywords



Research topics

Societal challenges

EU policies


Operational
Actions

Other ?????




More than 200 main keywords were selected from:

1. 20 key groundwater science journals
2. Search tools from Scopus / Web of Science / Google Scholar
3. EU policy documents (Water Framework and Groundwater directives, Blueprint to Safeguard Europe's Water Resources)



How to classify groundwater research (in Europe)?



Horizon 2020 Societal challenges

Activities/ operational actions
(e.g. status assessment for WFD)

Research topics
(disciplines)



The European Inventory of Groundwater Research

-EIGR-



The EIGR is initially populated by the following national experts of the EFG:

	Country	Organisation	Expert's name
1	Belgium	Belgo-Luxembourg Union of Geologists	(1) Alain Dassargues (2) Dirk de Coster
2	Croatia	Croatian Geological Society	Kosta Urumović
3	Czech Republic	Czech Association of Economic Geologists	Michal Vaněček
4	Denmark	Geological Society of Denmark	Lisbeth Flindt Jørgensen
5	Finland	The Finnish Union of Environmental Professionals	Ulpu Väisänen
6	France	French Geological Society	Patrick Lachassagne
7	Germany	Professional Association of German Geoscientists	Walter Lenz
8	Greece	Association of Greek Geologists	Triantafillos Kaklis
9	Hungary	Hungarian Geological Society	Nóra Gál
10	Ireland	Institute of Geologists of Ireland	Henning Moe
11	Italy	Italian National Council of Geologists	Andrea Del Bon
12	The Netherlands	Royal Geological and Mining Society of the Netherlands	Jan Stafleu
13	Poland	Polish Association of Minerals Asset Valuers	Barbara Tomaszewska
14	Portugal	Portuguese Association of Geologists	Mónica Sousa
15	Serbia	Serbian Geological Society	Vesna Ristic Vakanjac
16	Slovenia	Slovenian Geological Society	Mihael Brenčič
17	Spain	Official Spanish Association of Professional Geologists	Silvino Castaño Castaño
18	Switzerland	Swiss Association of Geologists	Pierre Christe
19	Ukraine	Ukrainian Association of Geologists	Alexander Bobrov
20	United Kingdom	Geological Society of London	Andy McKenzie

Resources to be included in the EIGR (only metadata):
Cooperation from 20 National Experts who populate the EIGR



Research and applied research projects (e.g. EU and Interreg projects)



Technical reports and guidances



Surveys including relevant data and maps



Books and book chapters



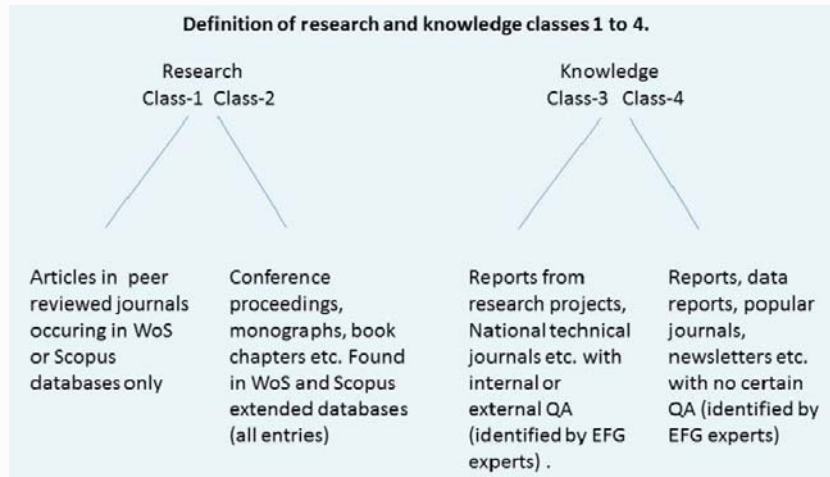
Consulting reports for ministries and other authorities



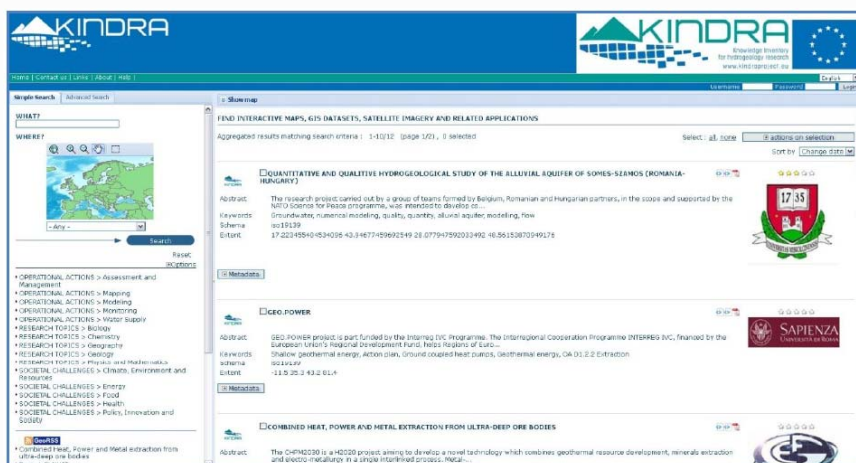
Monographs etc., etc.,



Classification of 'research' and 'knowledge' based on the degree of Quality Assurance (ranking)







EIGR User Interface: based on Geonetworks. EIGR user manual available



<http://kindra.kindraproject.eu/geonetwork/srv/eng/main.home>



The EIGR is conceived as a tool which asides from serving as an Inventory, it will also allow

- 
individuals and organizations to carry out consultations during and after the project
- 
to identify *trends, challenges and gaps* in groundwater research.
- 
KINDRA partners to provide recommendations for the implementation of the Water and Groundwater Directives.
- 
to be used as a public permanent resource, also available after the end of the project



Added values of KINDRA EIGR:

- | | |
|---|---|
|  <p>An inventory exclusively dedicated to groundwater, unlike other databases</p> |  <p>Combining research and knowledge enables and ensures access and relevance for academics, practitioners and policy makers</p> |
|  <p>A classification system originally developed and dedicated to research, papers, projects, reports, databases, etc.</p> |  <p>It is developed BY and FOR hydrogeologists and other "groundwater people", to promote networking and enlarge our community</p> |
|  <p>Harmonized international access to information on national and European research and knowledge before it is finally published</p> |  <p>Database analysis will be used for EU policy support and to increase the visibility and awareness of the importance of groundwater research in the societal challenges</p> |



Dissemination synergies and strategies

- ✓ Raising awareness on the importance of groundwater
- ✓ KINDRA interacting with other groups, for dissemination and common initiatives (joint workshops, shared non-technical documents, etc.)
- ✓ KINDRA is participating to the ICT4water cluster and to the EIP water marketplace
- ✓ contacts with stakeholders, EIP water action groups, SPI researches, JRC water, water JPI, scientific associations (IAH, EGU), water networks (as WssTP and others), SMEs, etc.
- ✓ technical content and results ... adapted into outreach materials that will help the general public to understand the relevance of groundwater in daily life.
- ✓ Knowing the results of past and on-going project on groundwater is necessary for us to build a successful project
- ✓ We are looking for information to help us to build and populate our inventory: archives, monitoring databases, guidance and best practice documents, etc.
- ✓ We activated accounts on main social media networks
- ✓ The EFG and IAH communities are reached by their newsletters



The KINDRA project EIGR can be accessed by registered users at:

<http://kindra.kindraproject.eu/geonetwork/srv/eng/main.home>

Thank You 😊

www.kindraproject.eu

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