

**Natural Water Retention Measures**

Web-based knowledge  
Community of practice  
NWRM practical guide

European Commission

Office International de l'Eau

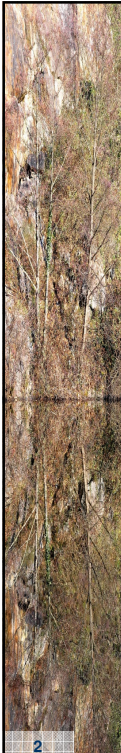
ACTeon

**Pilot Project - Atmospheric Precipitation -  
Protection and efficient use of Fresh Water:  
Integration of Natural Water Retention  
Measures in River basin management**

Service contract n°ENV.D.1/SER/2013/0010

## Overview feedback on current state of the NWRM project

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OIEau, Coordination team



## What the NWRM project aims at and how?

**Aim:**


- Build the basis of a knowledge platform**
- Develop a community of practice**

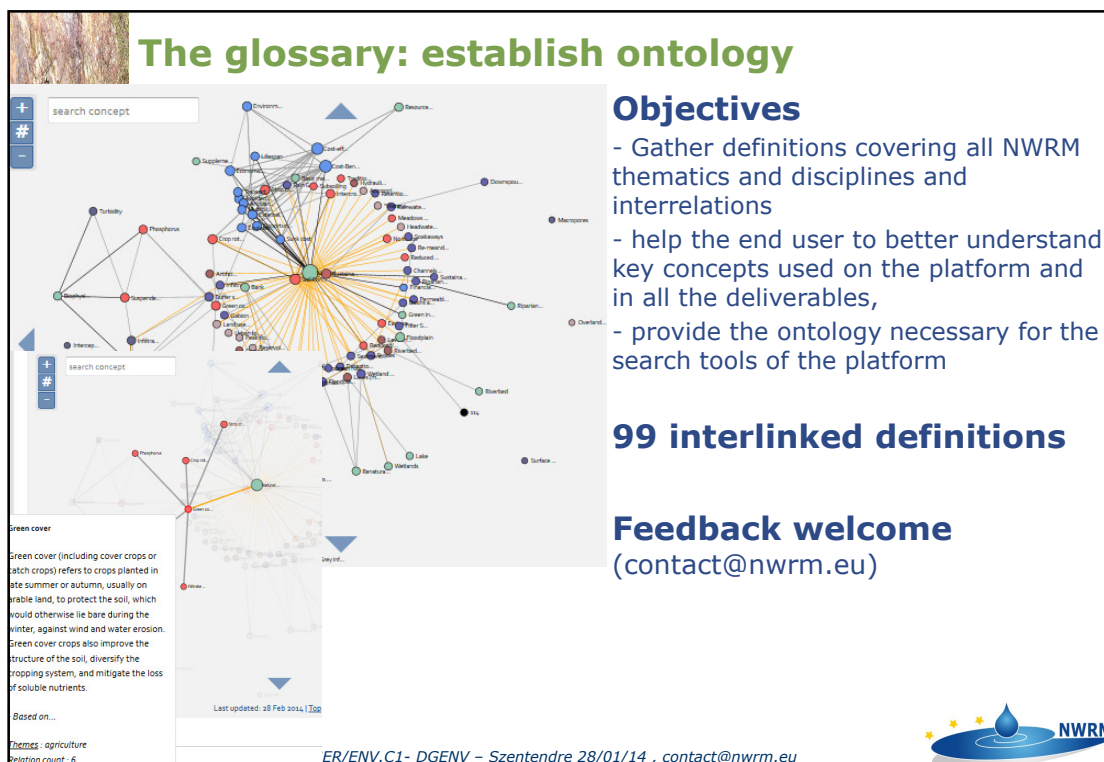
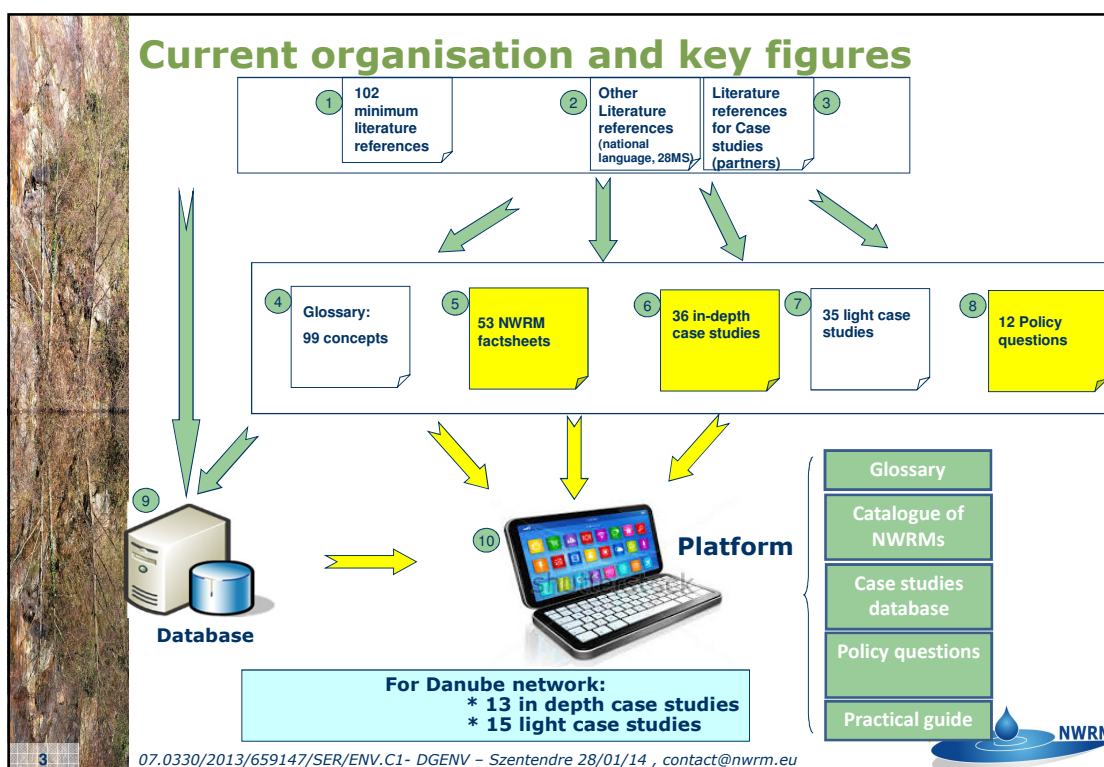
**How: A set of tools**

- Gathering the concepts and their connections: The glossary
- Gathering the expertise: 4 regional fora and networks and two Workshops for each
- Gathering the knowledge:
  - ◆ the catalogue of NWRMs
  - ◆ the catalogue of case studies
  - ◆ A set of 12 policy questions
- Understanding how to use these: the practical guide

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## New version of the catalogue of measures <sup>(1)</sup>

	A	B	C	D	E
1	NWRM ID	NWRM name	NWRM Sector	NWRM Group	NWRM description/definition
	A	B	C	D	E
1	NWRM ID	ID	Sector	Name	Action
2	(01/14)			Biophysical benefit	Technical skill
3	A1	A1	Agriculture	Meadows and pastures	Restoration, Maintenance
4	A2, A3, A12, A13	A2	Agriculture, Urban, Nature, Forest	Buffer strips and shelter belts	Restoration, Maintenance
					Water quality improvement

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## New version of the catalogue of measures <sup>(2)</sup>

**Started with the list proposed in the concept note**

**Feedbacks were received from JRC, EPA, the biodiversity unit of DGENV...**

**Main changes**

- Reduction of the number of measures (53 NWRMs)
- Identification of actions, benefits and technical skills
- Sectors as a specific column (more than 1 sector possible)
- Improvement to definition
- Further improvement needed: clustering, link to soil occupation...

**Current output**

- Catalogue of 53 NWRM illustrated
- Individual factsheets under development (first version for summer)

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U1 – Green roofs

**Urban**



N3 – Floodplain

**Nature (HYMO)**

**53 measures**

**Agriculture**



A1 – Meadows and pastures

**Forest**

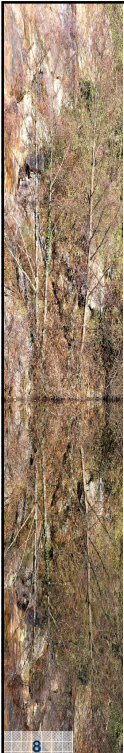


F5 – Land use conversion

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## The catalogue of case studies

**Content:**

- A wide set of structured information on case studies and NWRMs
- An ambitious target: case studies and NWRMs in all EU28 MS
- An iterative process:
  - ♦ First round of collection to identify key difficulties
  - ♦ Sharing of the approach with other projects to find synergies

**A first test in January-February with 20 case studies**

**Adjustments to the data collection template** (less mandatory fields, addition of a qualitative template...)

**A second data collection (April-June):**


- \* 37 in depth case studies in 29 countries
- \* 32 light case studies in 20 countries
- \* NWRM coverage not complete

**Next steps (Jul-Sept)**

- Insert all case studies in the database
- Make them available on the platform

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## Policy questions

**A set of 12 policy questions related to NWRM on**


- ◆ Biophysical
- ◆ Socio-Economic
- ◆ Governance and implementation

**Target is 4-5 page document on each question to support stakeholders and policy makers**

**Next steps: version 1 in July**

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## Practical guide

**Aim: embedded with the platform to guide the user to the different information**


**Table of content submitted in April**

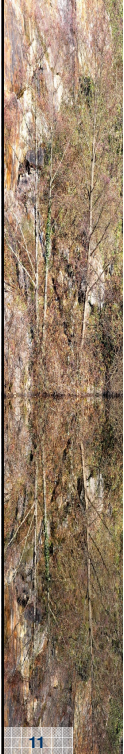
**A Guide support Group identified to help the elaboration of the document**

**A meeting planned for September**

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## Link the database and the web platform

### Aim and structure of the database:


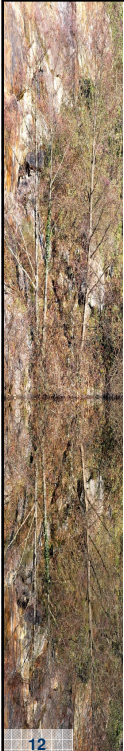
- all information collected organised in a database
- Possibility to check and update the database
- Possibility to query the database

### Aim and structure of the platform:

- The platform should give easy access to collected data
  - Search tools
  - Specific queries
  - Schemes to navigate
- Data are used to feed various templates:
  - catalogue of individual measures
  - Catalogue of case studies
  - Policy questions
  - NWRM specific taxonomy (ontology)

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## Conclusion – discussion

### The second series of regional Workshops

(Baltic 10-11 June, Danube 23-24 June, Western 1-2 July, Mediterranean beginning of September)

### Workshops should

- feed on-going discussion
- raise specific issues the project can address,
- suggest possible case studies to fill the gaps:
  - agriculture measures: strip cropping, intercropping, early sowing, terracing...
  - forest measures
  - urban: soakaways and infiltration trenches

### New development on the platform will be posted on the LinkedIn

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