



Natural Water Retention Measures

Web-based knowledge
Community of practice
NWRM practical guide



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

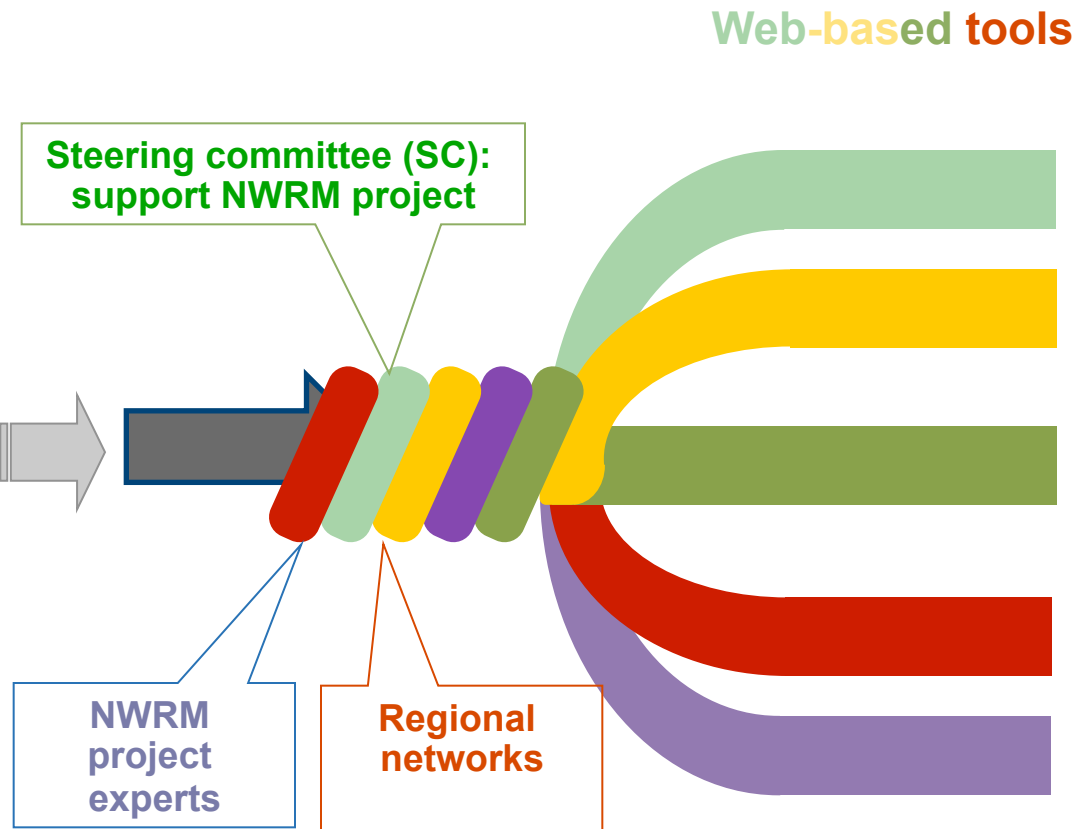
Service contract n°ENV.D.1/SER/2013/0010

Introduction to the project web-based tools

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Transform complex information in knowledge system





The objectives

- Develop a **shared online knowledge base** to allow common understanding and aggregation of knowledge on NWRM at EU level
- Contribute to develop the sharing of good practices in **designing, selecting and monitoring** of NWRMs
- Establish a **practical guide** to allow the platform user to identify main information to implement NWRMs

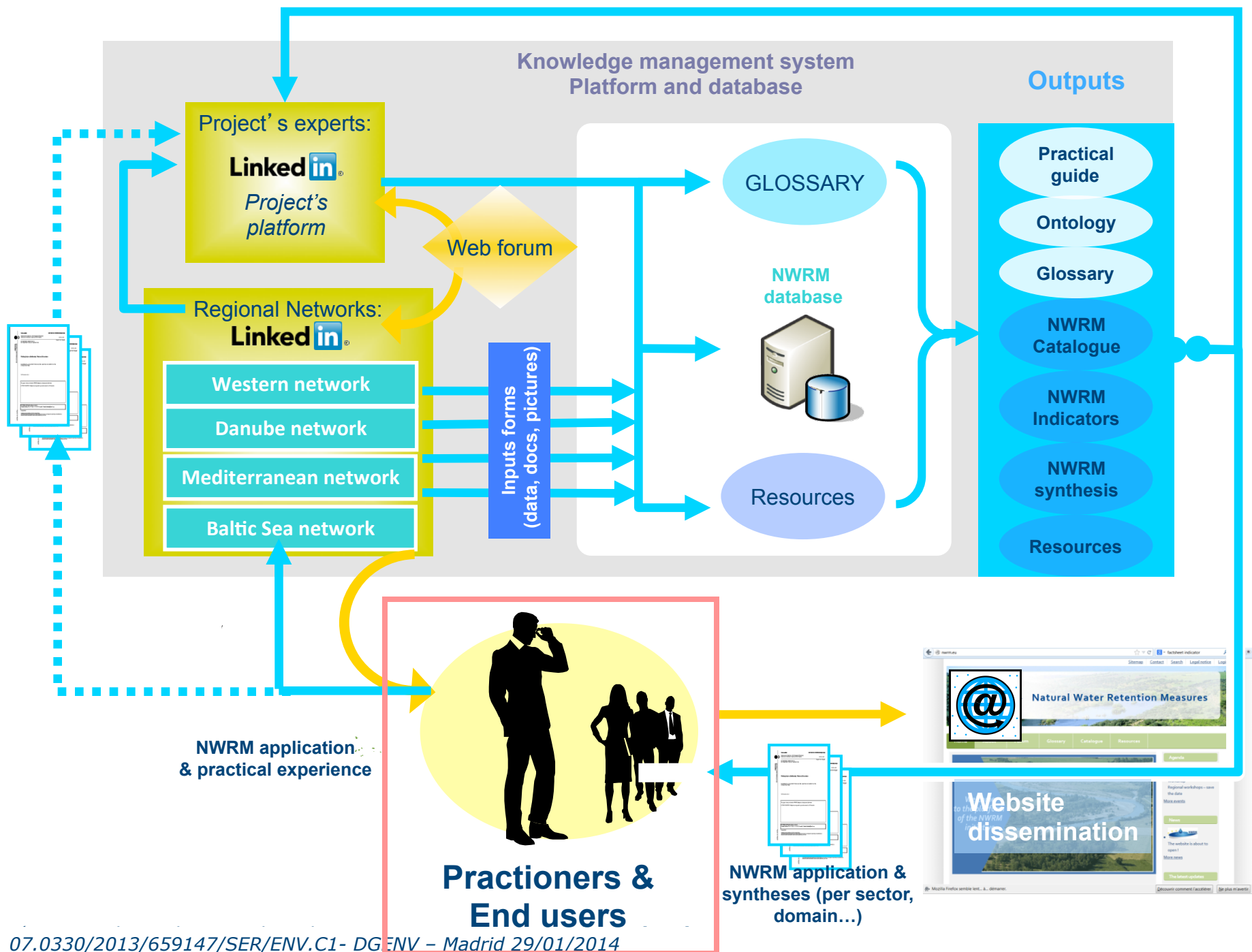


The key components

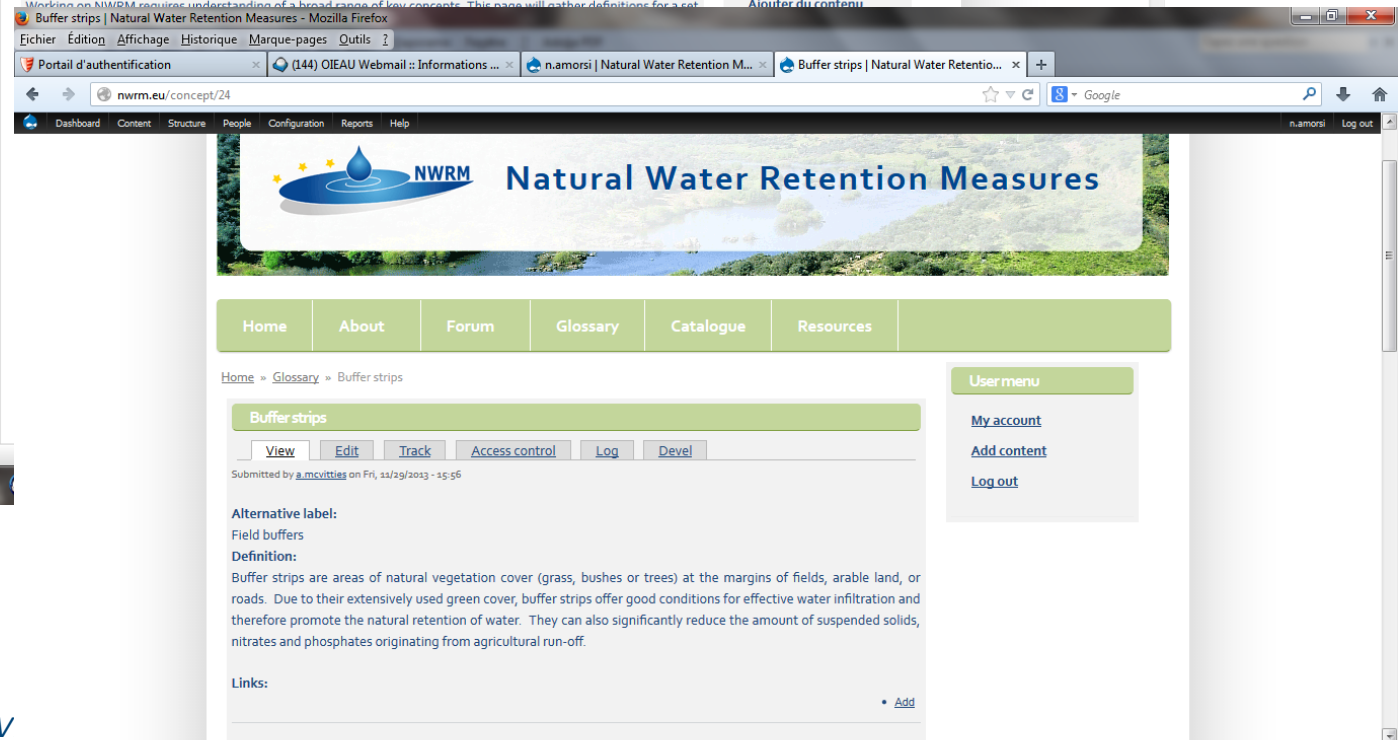
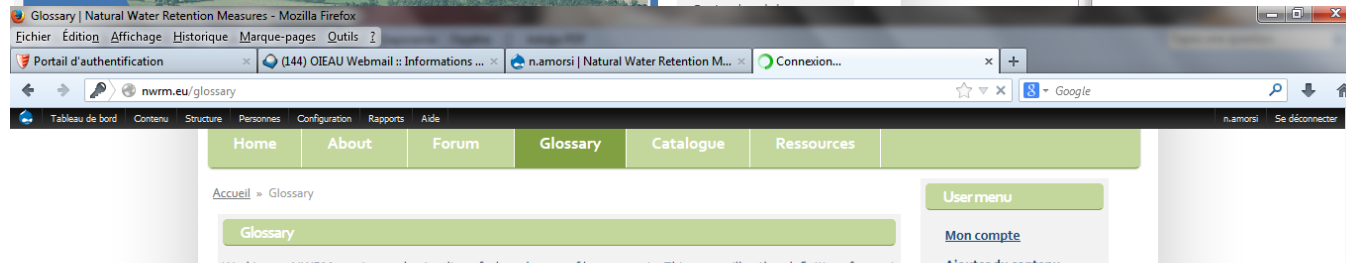
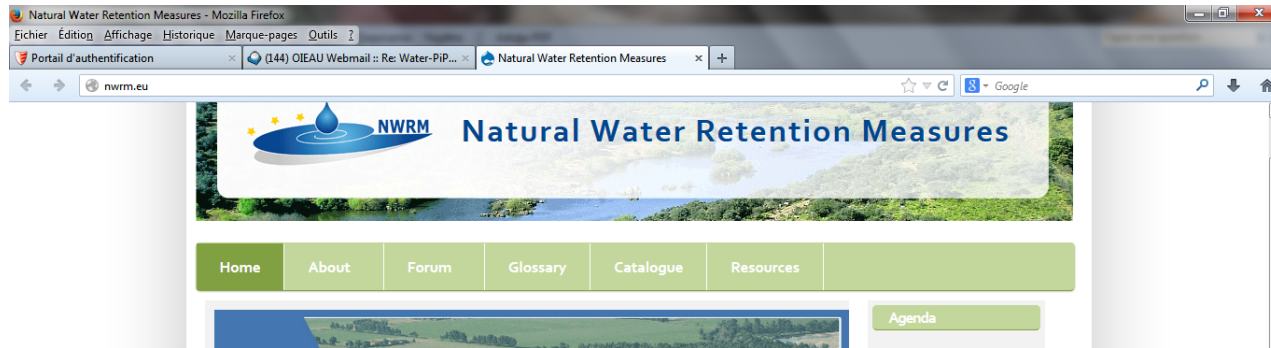
A set of tools

- Gathering the concepts and their connections: The glossary
- Gathering the expertise: 4 regional fora
- Gathering the knowledge: the catalogue of NWRMs and case studies
- Understanding how to use these: the practical guide

NWRM Platform: nwrn.eu



Glossary

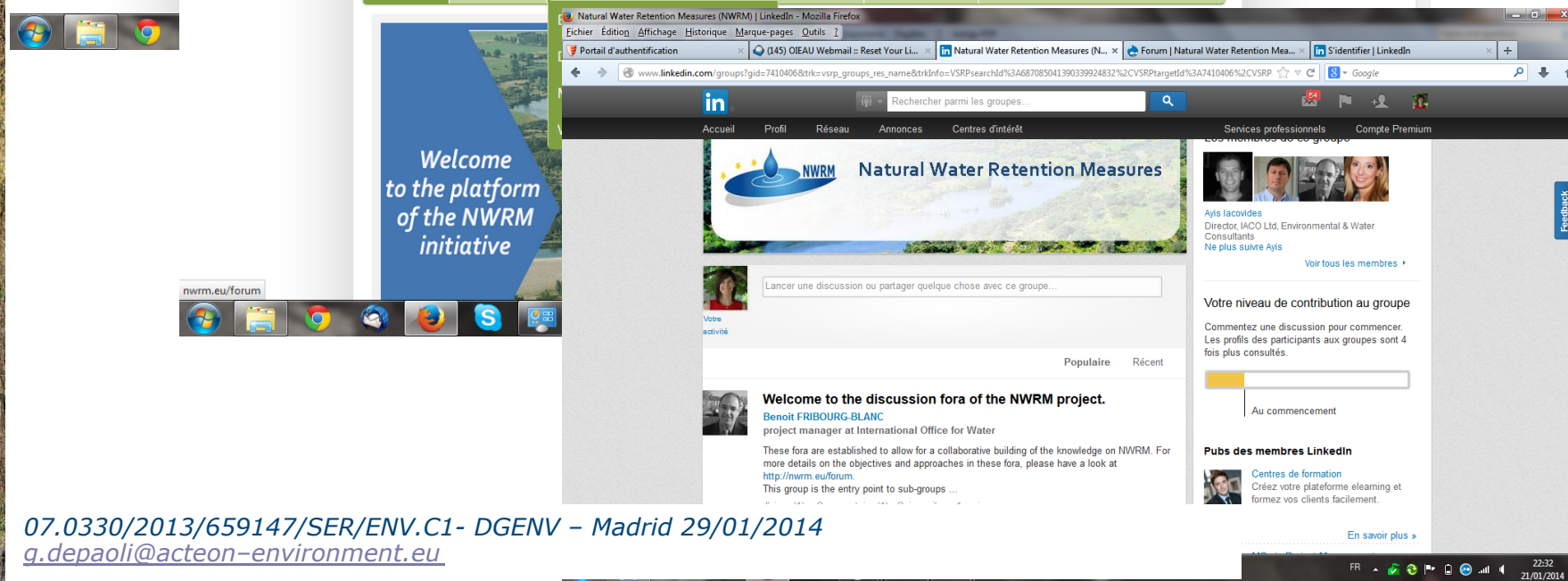
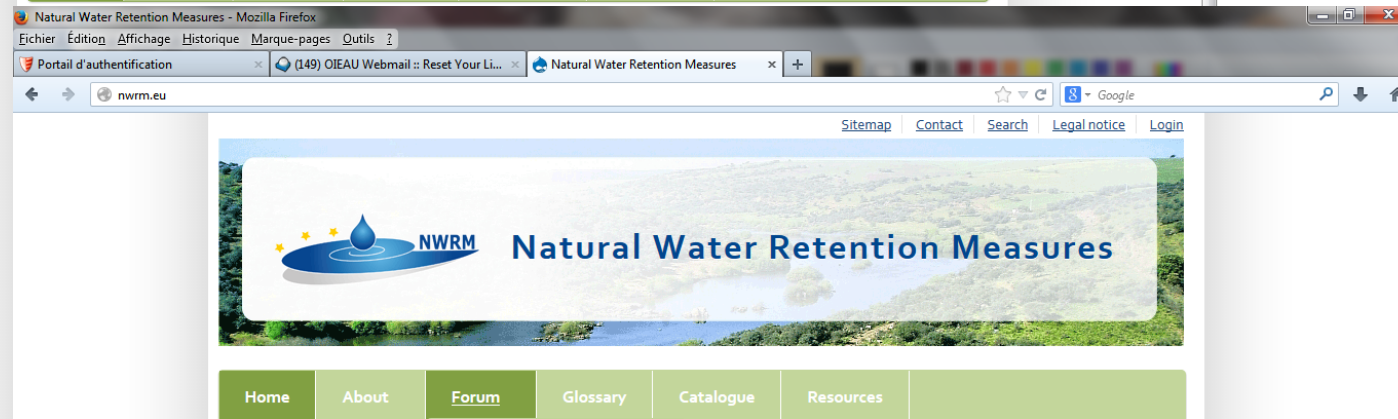
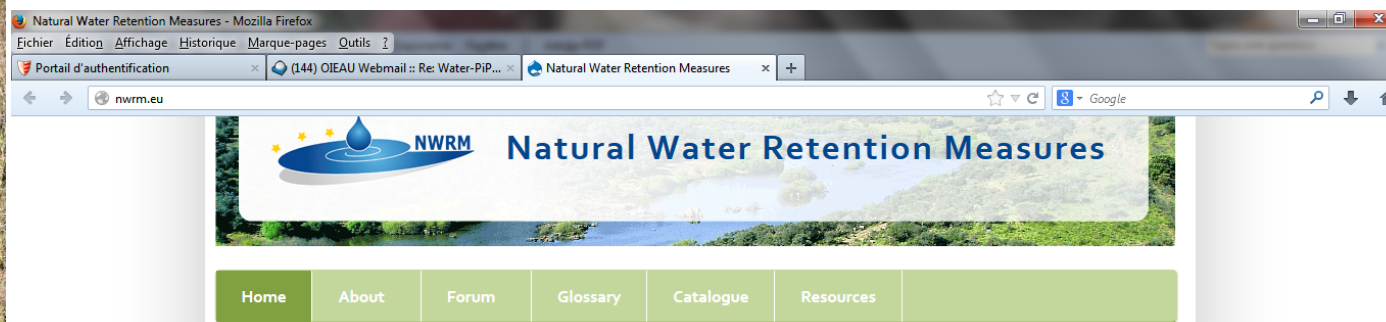




•Glossary

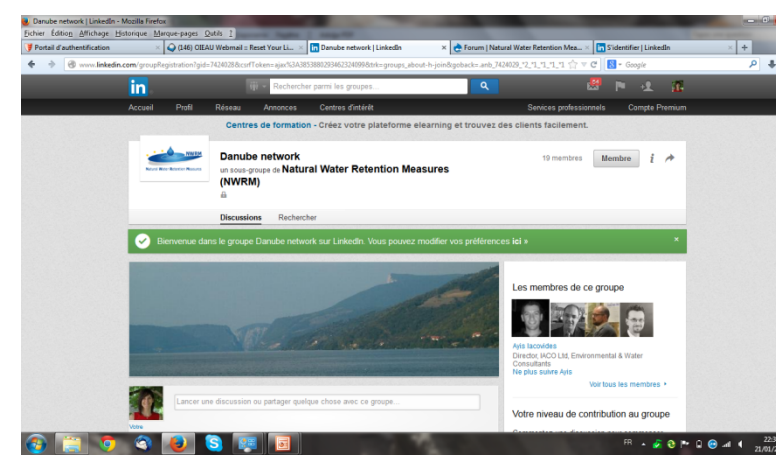
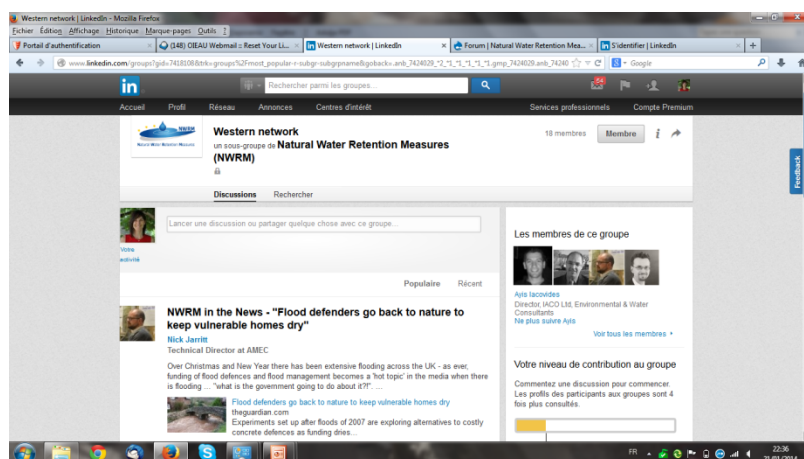
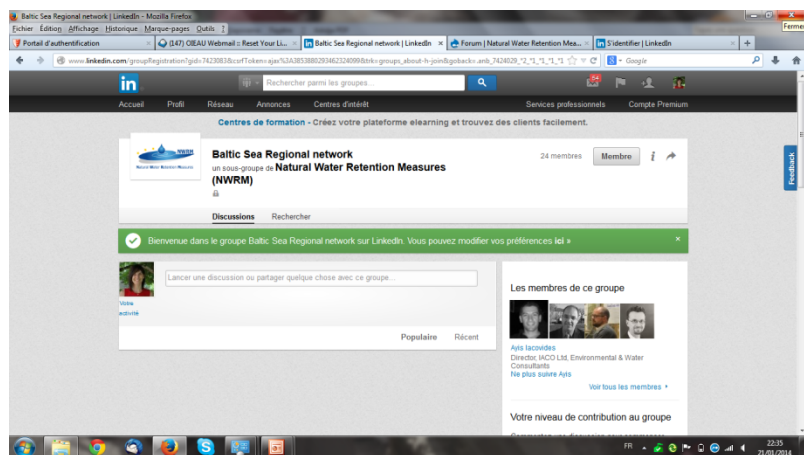
- **Where: on the project website**
- **How: simple interface to create/update (Log in)**
- **Content:**
 - ◆ dictionary (Term, definition, other useful term for understanding, associated term and theme, illustration, reference documents, link to other definitions on the web, version)
 - ◆ Iterative process: first set proposed by core group, then publication/promotion on web-based forum
 - ◆ Later development to map the content, link to DB
- **What:**
 - ◆ create a term and definition,
 - ◆ update a definition,
 - ◆ manage/moderate, check links regularly
- **Last contributions used to feed website homepage**

NWRM Web FORA



07.0330/2013/659147/SER/ENV.C1- DGENV – Madrid 29/01/2014
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•NWRM Web FORA





•NWRM Web FORA

Where: Open LinkedIn group with EU + 4 regions

Content:

- Summary introduction of NWRM project and actions
- An iterative process:
 - ◆ questions identified by core group, deadline for contributions,
 - ◆ regional/discipline/thematic moderation (complete expressed views, provide arguments to have experts react),
 - ◆ summarise and propose stable conclusions for the database
 - ◆ Close the question and launch a new set

How to expand interest:

- Public forum
- Last contributions used to feed website homepage
- Invite experts to join

Filling the Database with cases studies

Microsoft Excel - NWRM_DBparameters_v2.xlsx


File Edit Affichage Insertion Format Outils Données Fenêtre ? Adobe PDF


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A B C D E F G H I J K L M

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

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

Overview of the NWRM Database
content & parameters

Version History

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Natacha AMORSI (NA), OIEau
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Dennis Collentine (DCO), SLU
Martyn Futter (MFU), SLU
Alistair McVittie (AMV), SRUC
Nick Jarritt (NJA), AMEC

Version	Date	Authors	Description	Distrib
1.0	04/12/2013	MKO, DGE, VMA, PST, AHA, DCO, MFU, AMV, NJA, YPO, BFB	Overview of the NWRM Database content & parameters. Ref.: Task 1a	EA
2.0	14/01/2014	MKO, GKA, DGE, VMA, PST, AHA, DCO, MFU, AMV, NJA, YPO, BFB	Template for the data collection	NWRM

Status box

CoverPage MEMO NWRM List Application_General Info Application_Reference App_Design Parameters App_Inputs App_Biophys.Impacts App_Socio-Economic

Prêt

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•Filling the Database with cases studies

Where: on the project platform and via a tool to collect data

Content:

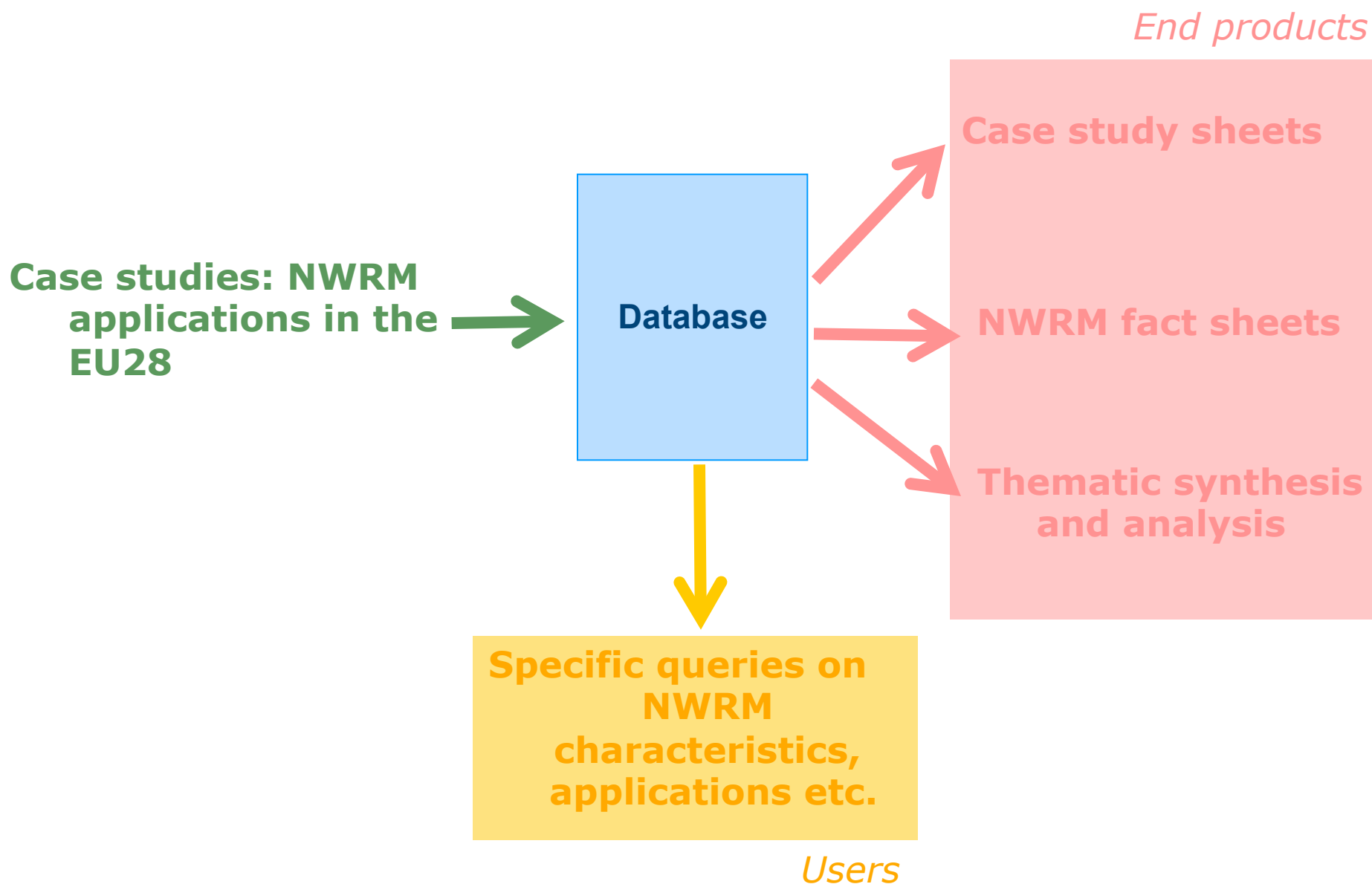
- A wide set of structured information on case studies and NWRMs
- An ambitious target: case studies and NWRMs in all EU28 MS
- An iterative process:
 - ◆ First round of collection to identify key difficulties
 - ◆ Sharing of the approach with other projects to find synergies

What:

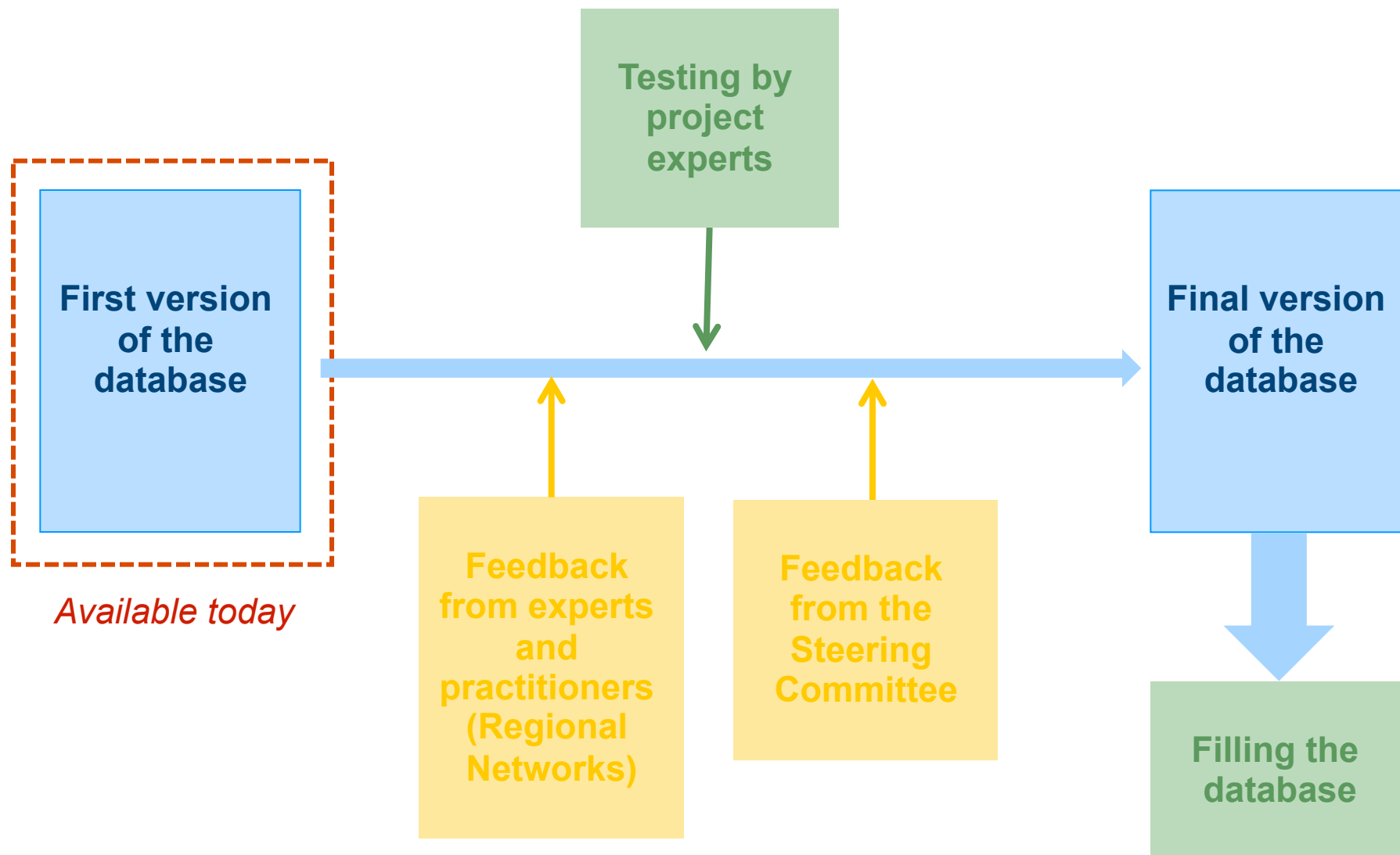
- An input tool with QA/QC,
- a database,
- visualisation of the content,

Last contributions used to feed website homepage

Filling the Database with cases studies: Output



The database: where are we?





Key challenges and features

- A long term project and web tools
- The selection / structuration of good knowledge
- The need to develop useful and flexible tools for end users → Ideally, the database and the glossary are developed along an iterative process, with active involvement of experts and practitioners

A photograph of a rooftop garden. In the foreground, there is a dense field of small, purple, daisy-like flowers growing in green grass. To the left, a portion of a building with a green, corrugated metal roof and large windows is visible. In the background, a city skyline is visible under a clear blue sky. Several tall buildings are present, including a prominent cylindrical skyscraper with a glass facade and a tall, thin tower. A red construction crane is visible in the distance behind the buildings.

Many thanks for your attention

For more information...

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