



Union pour la Méditerranée
Union for the Mediterranean
الإتحاد من أجل المتوسط

INSTITUT MÉDITERRANÉEN
DE L'EAU 



Office International de l'Eau

International Office for
Water

Regional project Towards a Mediterranean Water Knowledge Platform

Presentation

24 November 2015, Luxembourg

*EMWIS Technical Unit
European Environment Agency*

**SEMIDE
EMWIS**

European Environment Agency

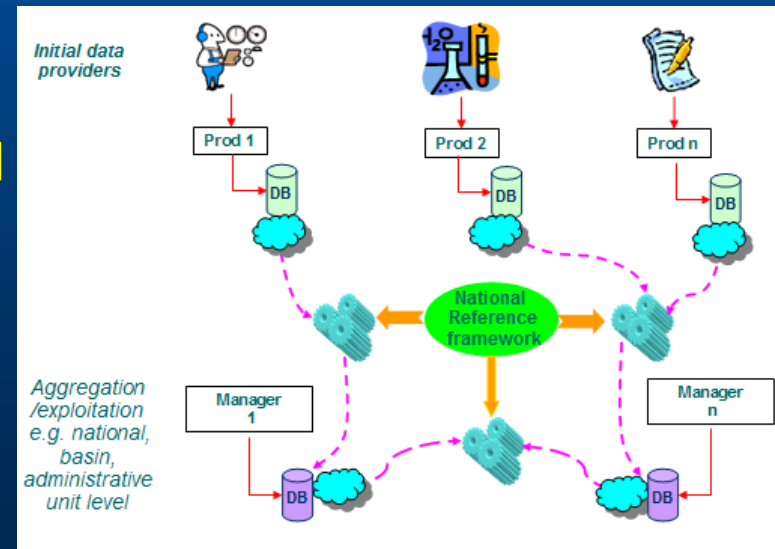


Background

- **Euro-Mediterranean Ministerial meeting on Environment, 2006:**
 - Building integrated National Environmental information systems
- **UfM Ministerial declaration on water, Dec'08:**
 - Strong focus on water information
 - Mandate of the UfM secretariat to provide a direct response to this Ministerial request
- **1st consolidated concept note end 2012**
 - Shared vision with Med countries and regional initiatives: Arab League, EEA, UNEP-MAP
- **Joint proposal for UfM labelisation end 2013:**
 - Supporting the development of *interoperable* NWIS for IWRM and easier Med reporting
 - White papers on IWRM: using data & identifying gaps
- **UfM label in April 2014 for project phase 1**

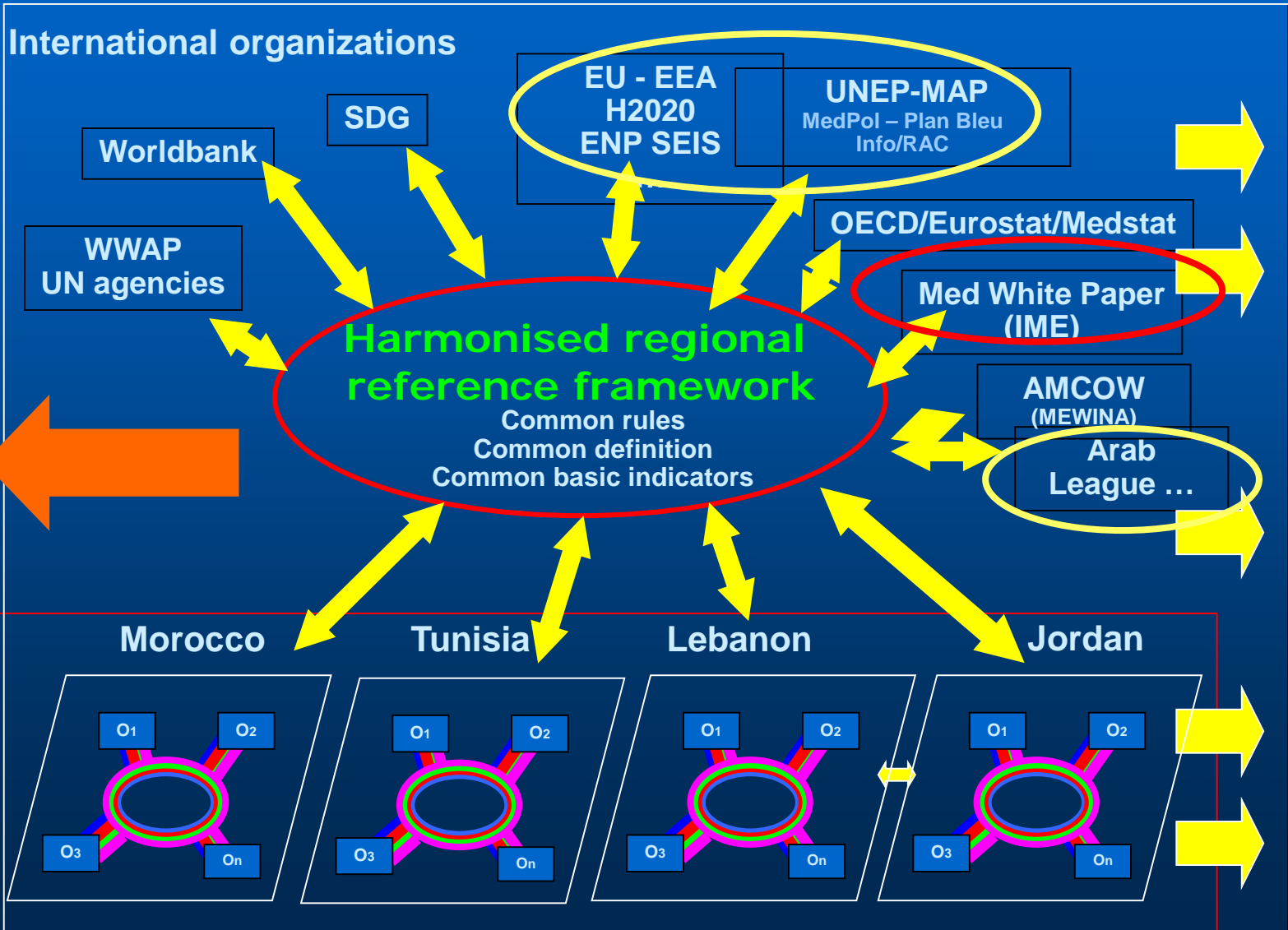
Vision for the Future

- **Water actors** produce information at local level **for their own needs using** international standards
- **They use tools to** register data and to do their own job at the same time
- **The registered data is available for others via harmonised interfaces, internet technology and homogeneous referencing system**
- **Water resources management planners, water regulators and reporting obligations use the same raw or aggregated information** provided by National Water Information Systems



Data management from local up to international levels

5+5, Med
Water strategy



Implementing partners

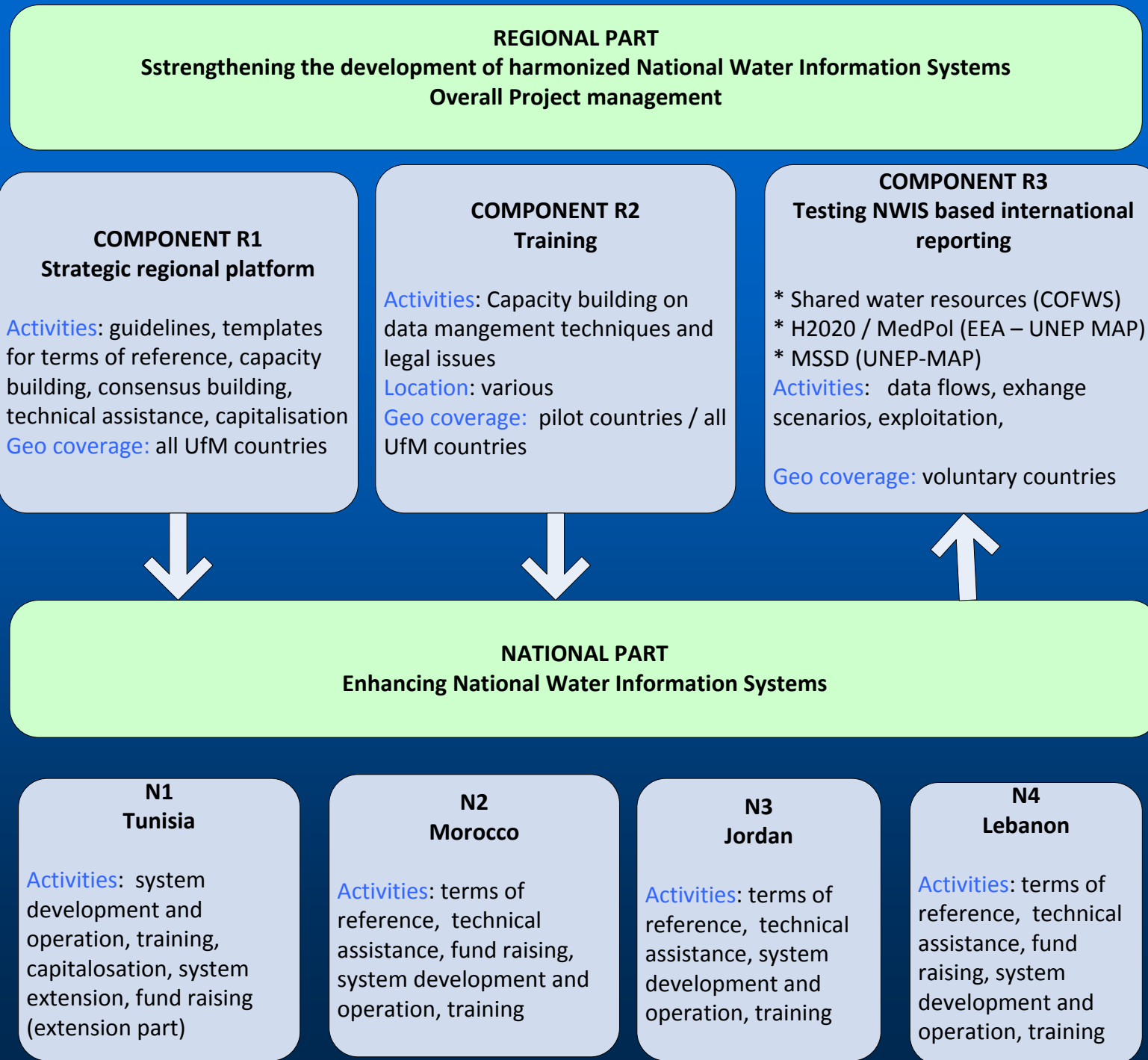


- Regional activities opened to all Med countries
- Application of principles from SEIS, INSPIRE, WISE 2, Water Accounting (UN-DS)

Focus on data for IWRM planning

- Characterization and monitoring
 - ❑ **Status of water resources** (aquifers, rivers, reservoirs and non conventional) in terms of **quality and quantity**
 - ❑ **Pressures** from Agriculture, Industries, Urban areas (e.g. water abstractions, pollution generated by the activity)
 - ❑ **Impacts** (socio-economic and environmental)
 - ❑ **Water infrastructures**, including in project (WWTP, dams, transfers, desalination plants, etc.)
 - ❑ **Soft measures**: tariffs, permits
- Actors
- Reference datasets
 - ❑ Hydrological network, land use/cover,
 - ❑ Management units

Main components

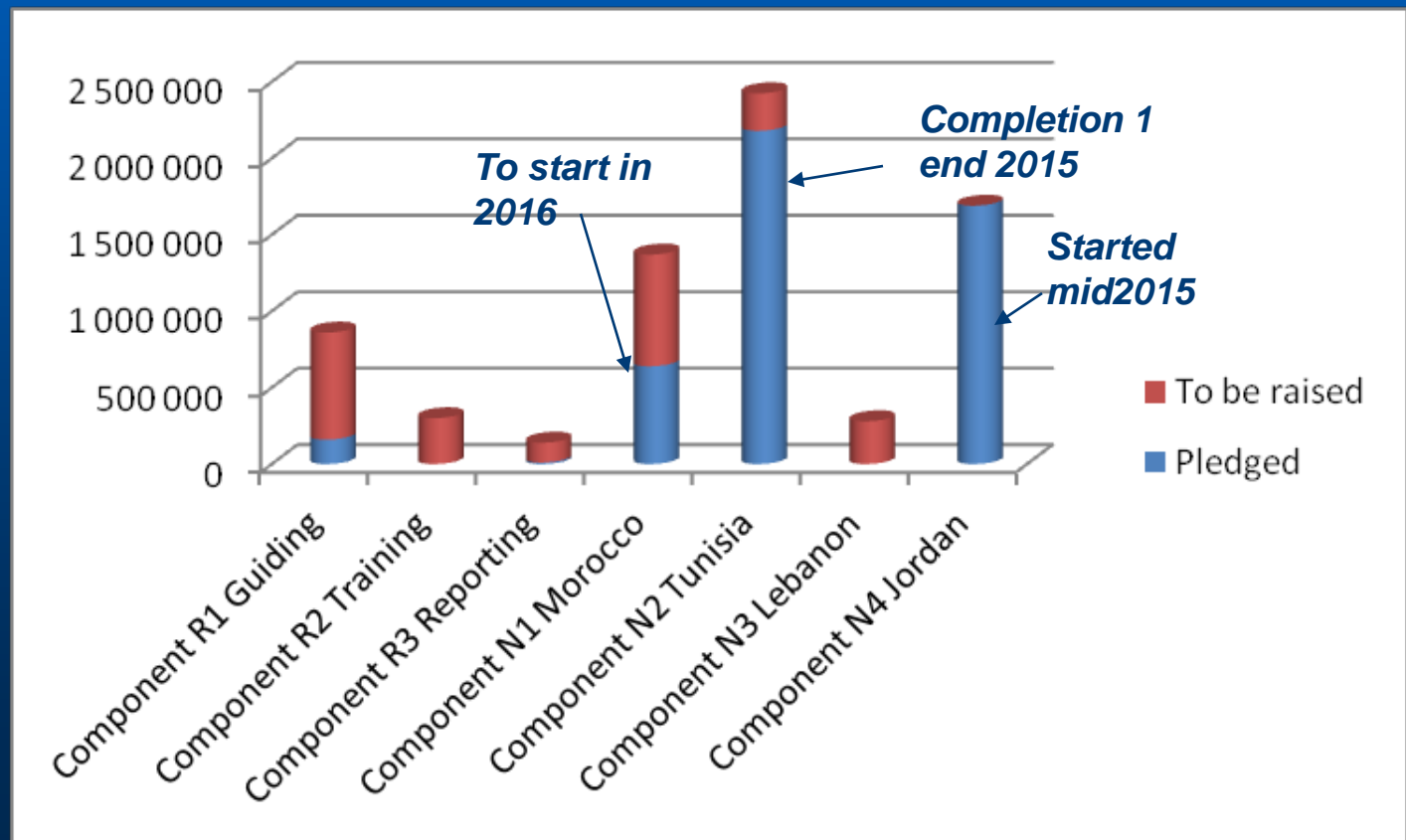


Expected results

- **Operational NWIS in Jordan, Lebanon, Morocco and Tunisia**, based on harmonised guidelines and **international standards**
- **Training on development and management of water information systems shared between the main stakeholders**
- **Launch of a regional platform for exchange of good practices and experiences on the development of NWIS and white papers on water**
- **Supporting data flows for international reporting in the Med region (MedPol, H2020, MSSD, Arab water strategy)**
- **Assesment of water resources and use to support IWRM planning (white papers)**

Implementation progress (phase 1)

- **Urgent need to start regional components for coordination, guidance & exchange of experiences**
 - *under the WEG governance?*
- **Opportunities for new countries to join:**
 - *Albania, Turkey, Palestine, Mauritania (interest already expressed)*





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Thank You!

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