





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











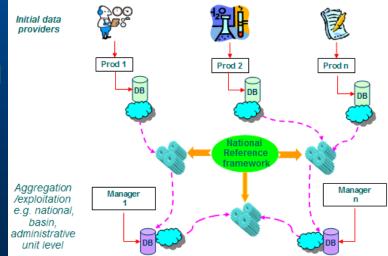
Background

- 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
- Ist 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

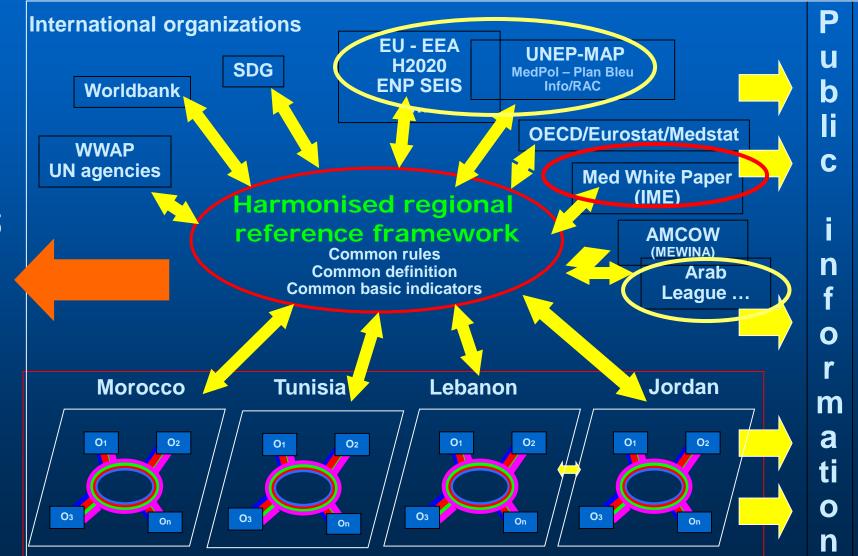
Vision for the Future

- 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 <u>same</u> raw or aggregated information provided by National Water Information Systems

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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 mesures: tariffs, permits
- Actors
- Reference datasets

Hydrological network, land use/cover,

Management units

REGIONAL PART Sstrengthening the development of harmonized National Water Information Systems Overall Project management

Main components



Activities: guidelines, templates for terms of reference, capacity building, consensus building, technical assistance, capitalisation Geo coverage: all UfM countries

COMPONENT R2 Training

Activities: Capacity building on data mangement techniques and legal issues Location: various Geo coverage: pilot countries / all UfM countries

COMPONENT R3 Testing NWIS based international reporting

* Shared water resources (COFWS)
* H2020 / MedPol (EEA – UNEP MAP)
* MSSD (UNEP-MAP)
Activities: data flows, exhange scenarios, exploitation,

Geo coverage: voluntary countries

NATIONAL PART Enhancing National Water Information Systems

N1 Tunisia

Activities: system development and operation, training, capitalosation, system extension, fund raising (extension part) N2 Morocco

Activities: terms of reference, technical assistance, fund raising, system development and operation, training N3 Jordan

Activities: terms of reference, technical assistance, system development and operation, training N4 Lebanon

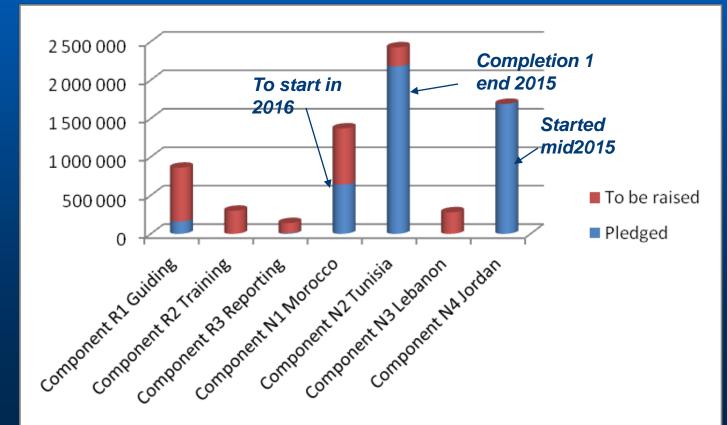
Activities: terms of reference, technical assistance, fund raising, system development and operation, training

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)
- Assessement of water resources and use to support IWRM planning (white papers)

Implementation progress (phase 1)

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





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





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Thank You!















