8th
World Water
Forum
Brasília-Brazil
2018

Mediterranean Water Knowledge Platform

21 March 14h30-16h00

Eric Mino - SEMIDE – EMWIS "Euro-Mediterranean information system on know-how in the water sector" – e.mino@semide.org

Mediterranean Water Knowledge Platform

Urgent need for comparable data and indicators

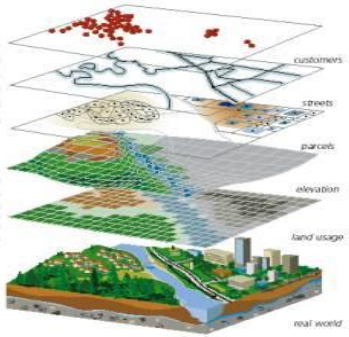
Ministerial declaration on water, Union for the Mediterranean

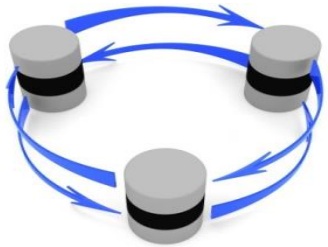
Dead Sea, December 2008

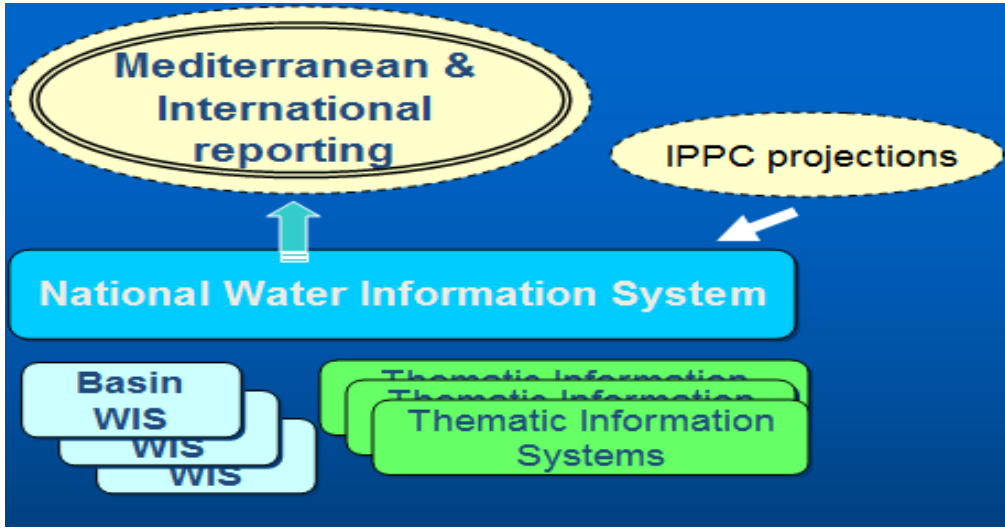
- Regional activities opened to all Med countries
- Principles from SEIS, INSPIRE, WISE, Water Accounting (UN-DS)

Better knowledge for Climate adaptation and mitigation

- **Organising data sharing and management in each country**

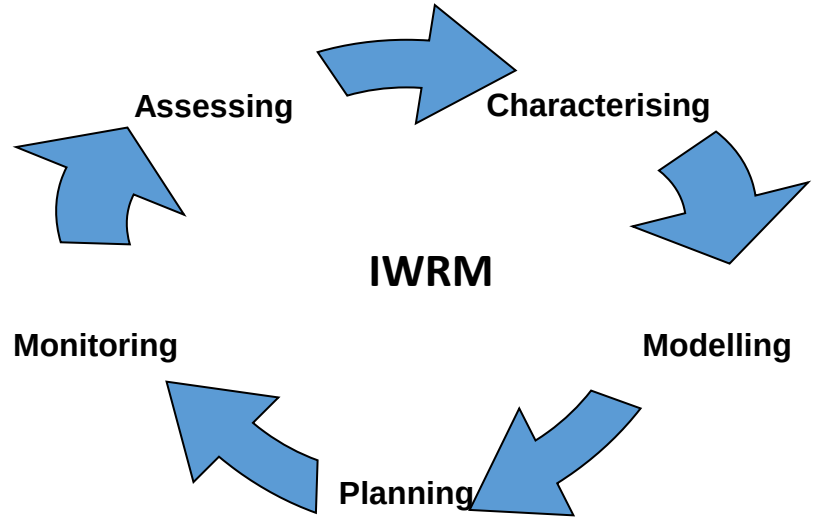




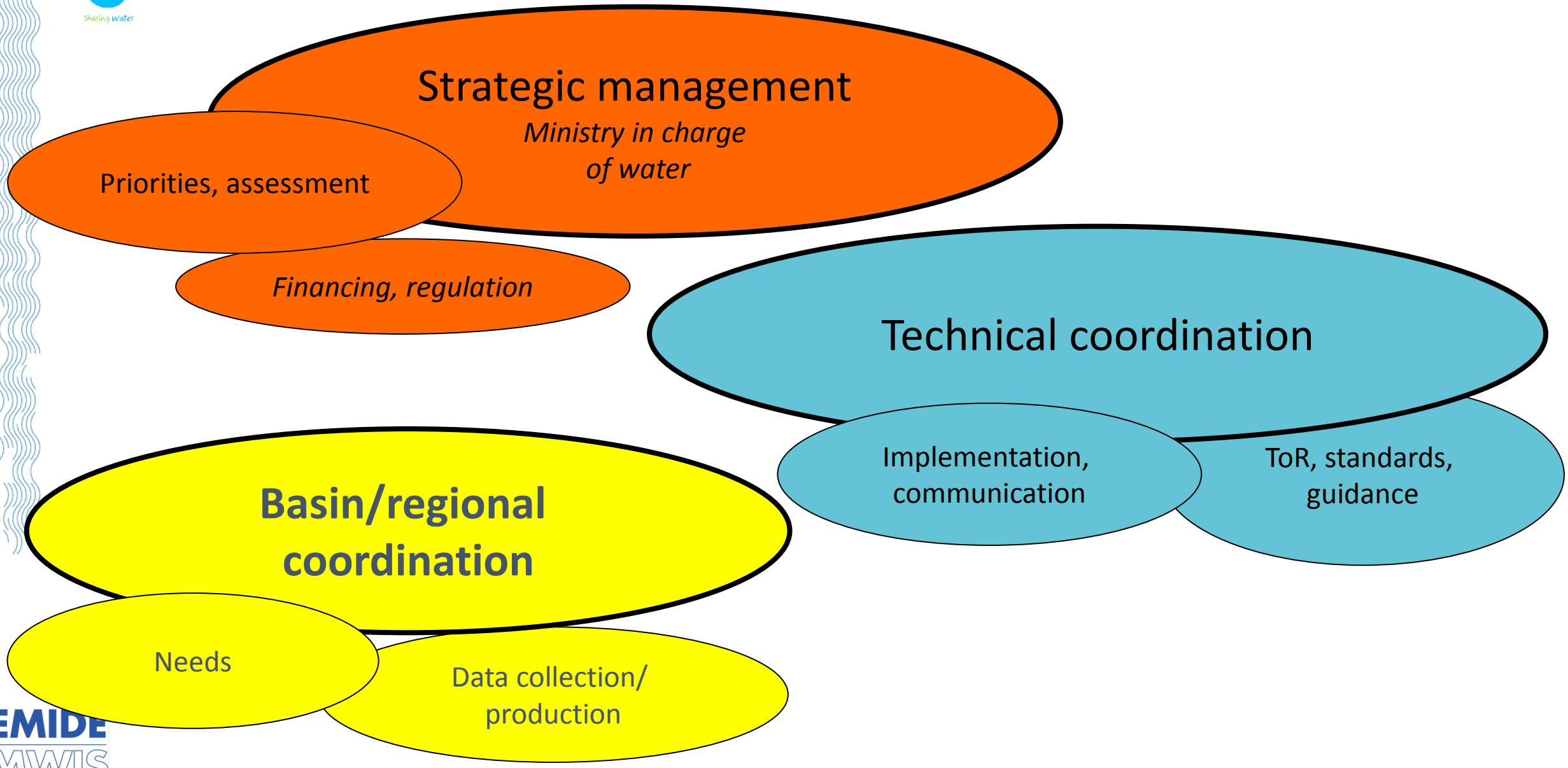


- **Building capacities for monitoring, evaluation, planning**

- **Exchange of experiences**



A three pillars governance



Financing

Feasibility study

Experts:

Assess needs,

Evaluate the financial cost of the project,

Prepare possible scenarios,

Choose the appropriate scenario

Specifications

Experts:

Needs (functional, technical, operational)

Expected supplies

Conditions for the performance

Development of the system

Experts

Equipment

Training

- **Experts: Trainers**

Logistics: travel, training room, equipment

Operation

Animation and coordination unit

Human resources

Data Acquisition

Computer equipment

IT and Telecom

Evolution

Experts: Needs

Equipment Renewal

In summary

Institutional cooperation

Legal framework:

- Who is in charge of the WIS
- Fostering data exchanges
- Information management approach

Role and responsibilities :

- Statutes: role in water management ➔data
- MoU or Bylaw

Organisational framework (with human & financial means):

- Strategic coordination
- Technical coordination, animation, standardisation

Content

Step wise approach

- Based on thematic priorities

Reference data sets / data exchange

- defined jointly

Data quality

- local responsibility
- Data integration = quality check

Aggregation / disaggregation

- Temporal / geographical
- Based on the needs

Infrastructure (ICT solutions)

Based on standards:

- international: ISO
- de facto: Open Geographical Consortium

Ensure availability of infrastructure for all stakeholders

- Monitoring, telecom, software (in particular at local level)
- Dedicated human resources

Integration of innovative solutions:

- Monitoring based on satellite data

www.semide.net/mwkp

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Sharing Water

Organization

Support