



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

INSTITUT MÉDITERRANÉEN
DE L'EAU IME



Office International de l'Eau
International Office for
Water

WWF7 - T 4.3.4 - Facilitating data and Information exchange

EMWIS Contribution
Ramiro MARTINEZ

Regional project
Towards a Mediterranean Water Knowledge Platform

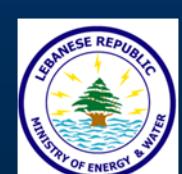
SEMIDE
EMWIS



Plan Bleu

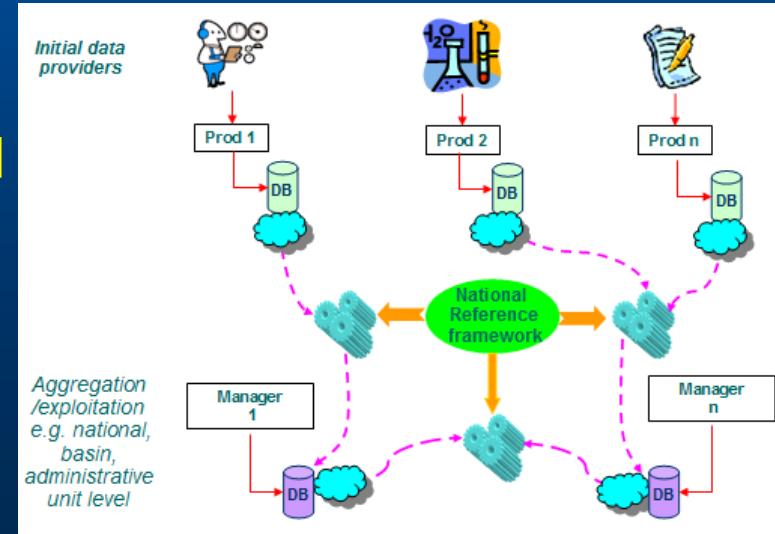


Hashemite Kingdom of Jordan
MINISTRY OF
WATER AND IRRIGATION



Vision for the Future

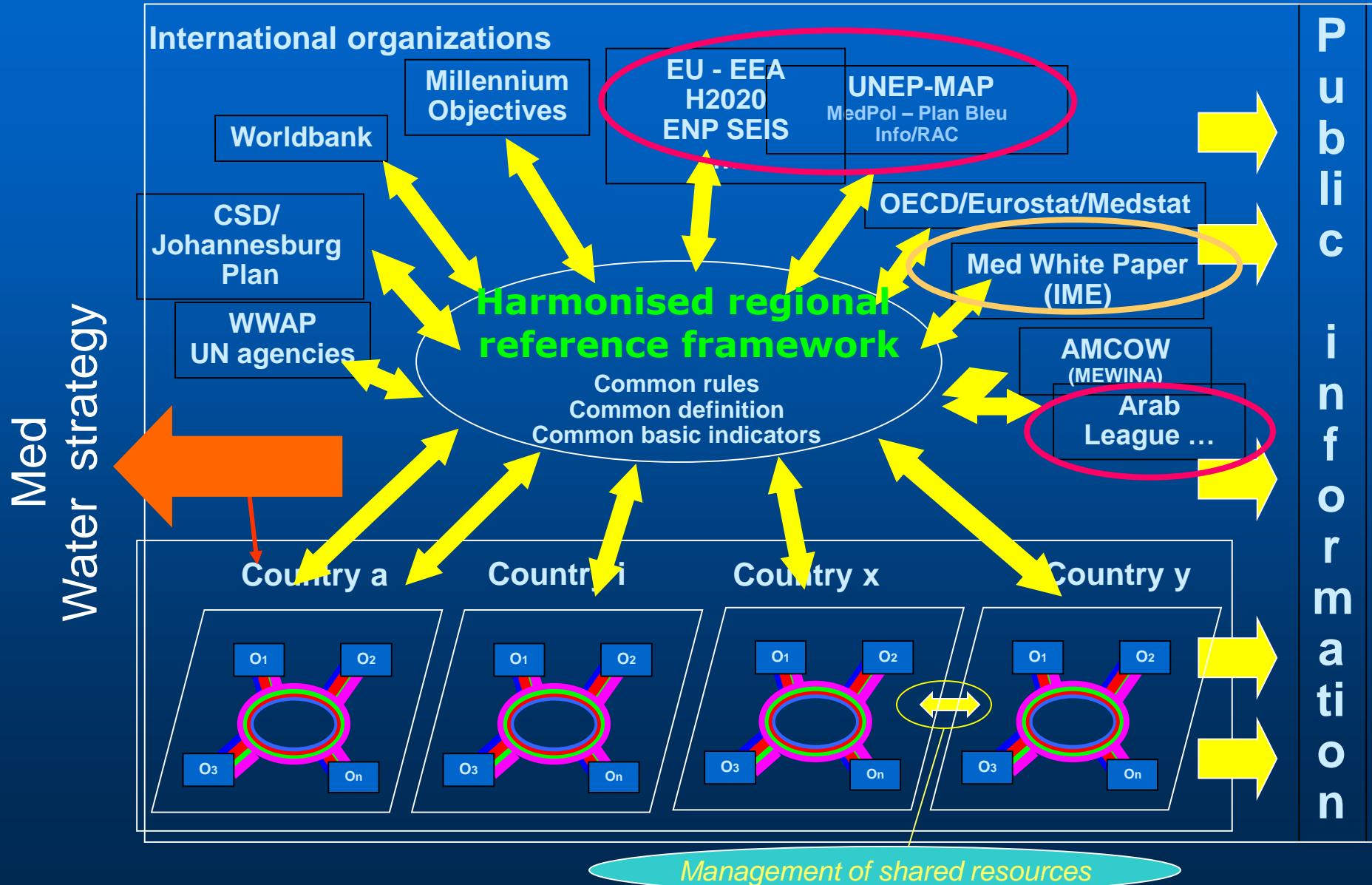
- Water particioners produce information at local level for their own needs using international standards
- They use tools to register data and to do their own job at the same time
- The registered data is available for others via harmonised interfaces, internet technology and homogeneous referencing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



Policy and Technical Drivers

- **Regional policy Drivers**
 - Union for the Mediterranean: Ministerial declaration on water
 - 5+5 Water strategy under preparation
 - H2020: Depolluting the Med sea (EU-ENP)
 - UNEP-Mediterranean Action Plan conventions & Mediterranean Strategy for Sustainable Development
 - Arab League: Arab Countries water Strategy
 - African Water Sector monitoring and evaluation (AMCOW)
- **Technical Drivers**
 - Earth Observation and Global Monitoring Environment System (GMES)
 - Water Information System for Europe (WISE)
 - Shared Environmental Information System (SEIS)
 - Spatial Data Infrastructure (INSPIRE)
 - System of Environmental-Economic Accounting for Water (SEEA-W)
 - International standards (ISO, OGC, W3C)
 - Open data

Overall architecture



Implementation process

**Policy Framework
Agreement
(main objectives,
priorities)**



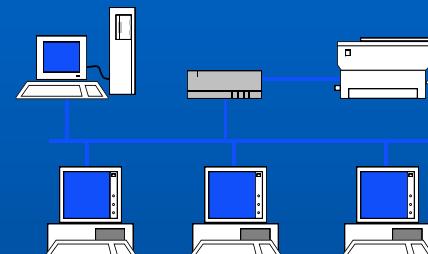
**Common
language**



**Specific need
definition /
agreements
on procedures**



**System development
(e.g. interconnection
capacities)**



**Institutional
Cooperation**

*Transboundary
water
governance*

Content

*Information for
IWWM*

Infrastructure

*Networks, software,
computers, monitoring
stations, remote sensing,
crowd sourcing...*



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Thank You!
www.emwis.net

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