



*International  
Office  
for Water*



# FEASIBILITY STUDY ON THE DEVELOPMENT OF A REGIONAL WATER OBSERVATION MECHANISM IN THE MEDITERRANEAN REGION

## ID of potential synergies

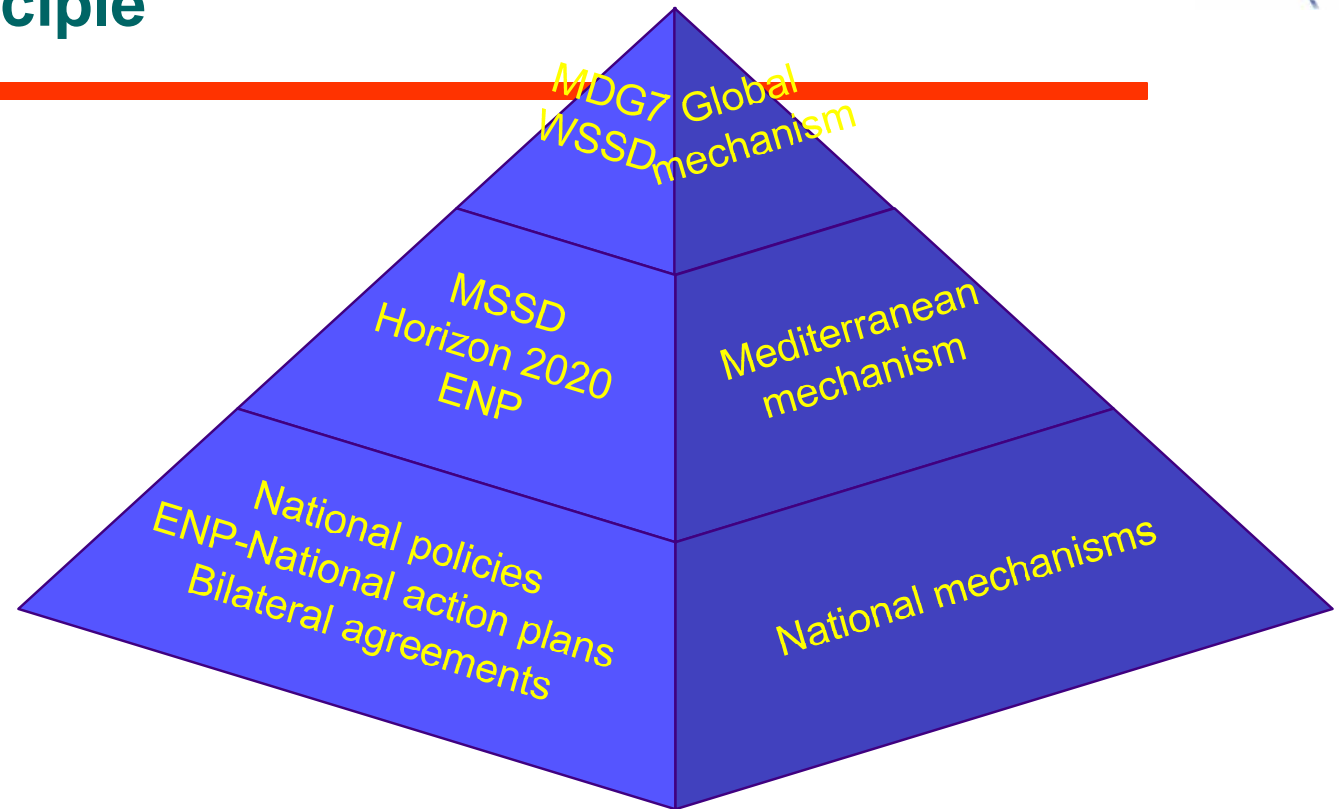
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# Mecanism: Overall principle



- **To ensure effective and long term participation of the Med countries**
- **To reinforce existing networks in avoiding any duplication** with on-going or planned actions
- **To seek for synergies** between the various organisations involved, either national, local or international



# Specificities of the regional context

- **Various water policy framework** using data and information
- **Many regional stakeholders** intervening in action plans of the various regional political frameworks:
  - MDG : UNICEF/OMS/JMP, EUWI/ MED-EUWI, ...
  - MSSD : MAP unit, Blue Plan, ...
  - MAP : UNEP, MAP unit, Medpol, 6 RAC, ...
  - EU Water policy: EU DG Env, Eurostat, EEA, JRC,, ...
  - EU Pol with Med.: ENPI, Horizon 2020, EEA, RMSU, ...
  - EuroMed Partnership : EMWIS, Medstat, ...
  - African Vision : AMCOW, ADB/FAE, ...
  - Others: FAO, WWC, GWP med, MEMBO, WWAP, UNSD, GEF, BM, OECD, IME, CEDARE, OSS, ESCWA, EXACT group, IUCN, WWF....
- **Various information systems:** WISE, Eurowaternet, EIONET, INFO/MAP, EMWIS, JMP database, Monitoring water alliance website, AQUASTAT, IBNET, ....
- **Various groups** (think tanks) for improving the processes: UN-WATER, DGenv/EEA/JRC on Wise, EEA/UNEP on MAP, ...



## Expectations at national level

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- **Need for support to the development of the NWISs**
  - Organisation of inter-institutional co-operation
  - Organisation of monitoring
  - Development of a common language
  - Organisation of the access to data
  - Data enhancement
  
- **Specific expectations related to:**
  - **The support to the production of missing information at national and regional level**
  - **The promotion of common methods for analyses at the regional level** (in particular for assessing the resources and uses, socioeconomic impact , drought indicators, water accounting...)
  - **The strengthening of international co-operation between Mediterranean countries**



## Problems at regional level

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- **Difficulties in identifying and acceding to the data**
- **Difficulties in collecting data even with established processes**
- **Major problems of heterogeneity, completeness and quality of the received data**
  - Problems linked to the **lack of clear production processes and common technical language**
  - Problems linked to the **lack of metadata**
  - **Discontinuity in monitoring** over time or geographically
  - **Incomplete or not adapted data provided**
  - ....

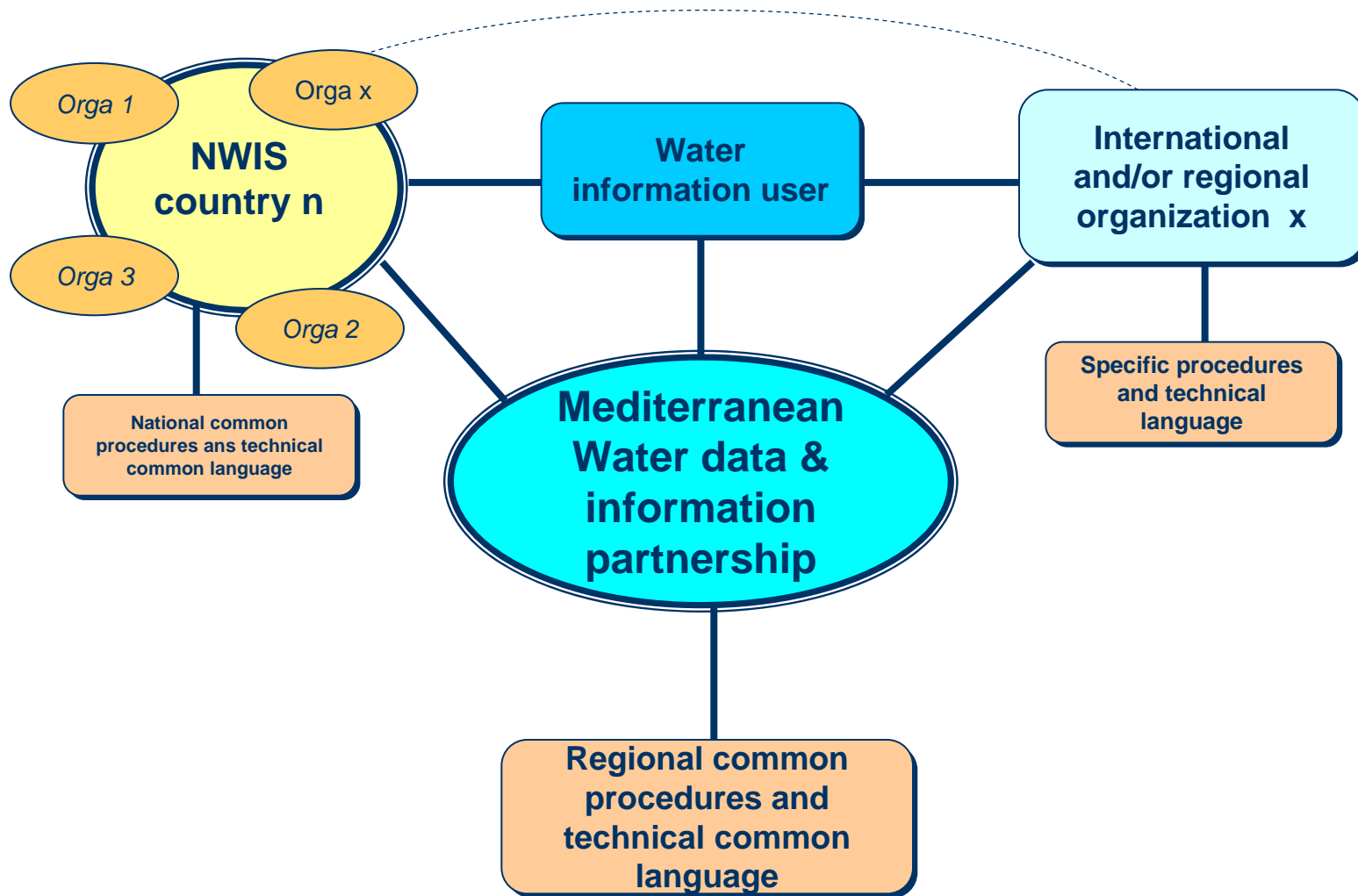


## Expectations at regional level

- **Lack of data adapted to the needs** especially on major topics, such as:
  - **Water resource** (Description of aquifers, Groundwater quality, Availability of the resources)
  - **Uses** (Water demand for the various uses, especially agricultural, self supply....)
  - **Socioeconomic aspects** (on on-going investments, on the investments necessary to achieve the MDGs, Impact of water shortages and drought, socio economy of the uses...)
  - **Drinking water supply and sanitation services** (WSS in rural areas, benchmarking, ...)
  
- **Need for key data allowing regroupings or studies at basin level, function of the kind, by eco-region ...**
  
- **Problems for sustainable financing of monitoring**
  
- **Need for a better structuring of IS (national and international) not adapted to the exchanges**

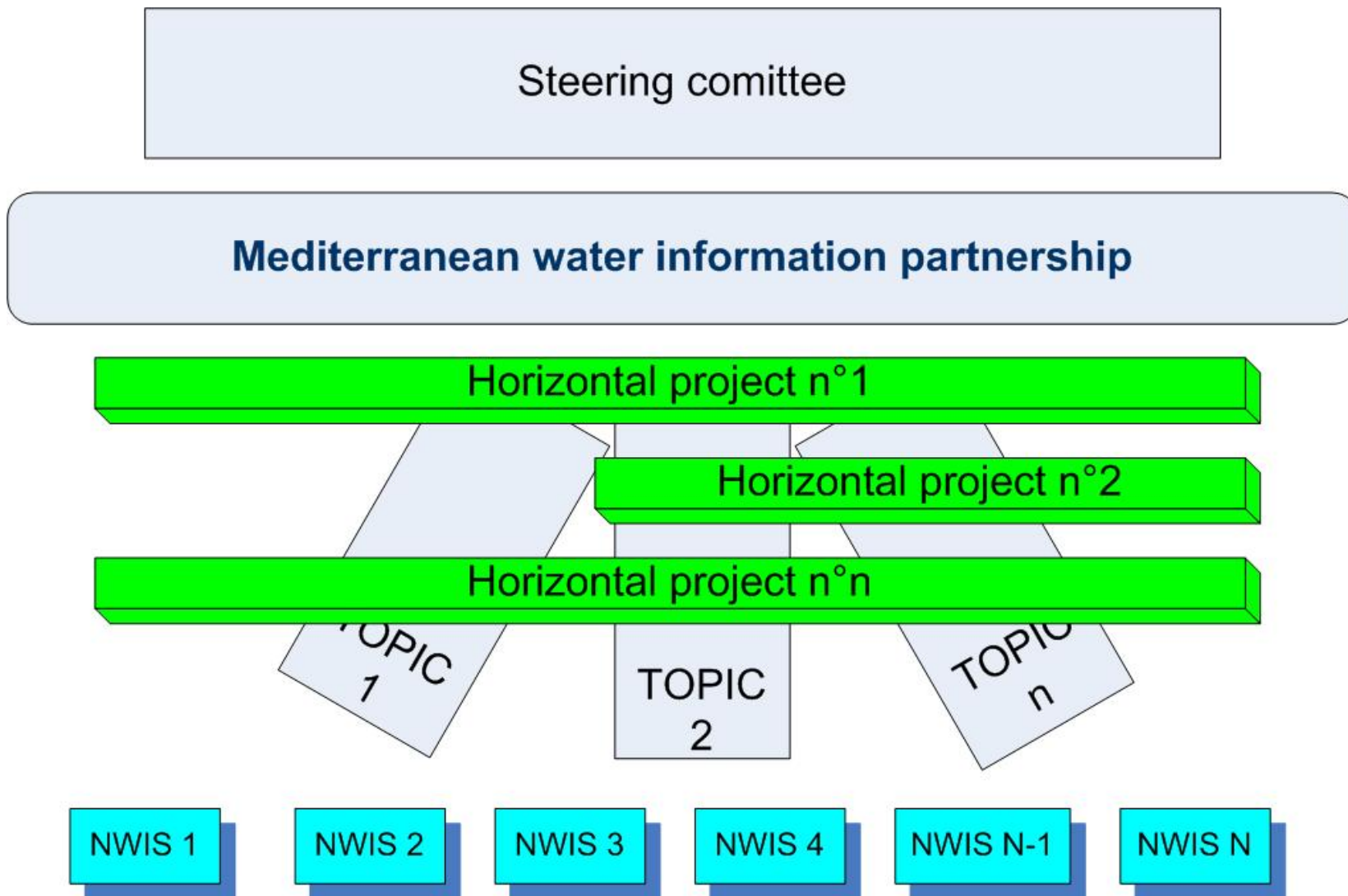


# Medium term vision of the MEDWIP place





# Medit. Water observation mechanism organisation







# Potential horizontal projects

- H1: Partnership animation and portal management
- H2: Catalogue of data sources
- H3: Acquisition and use of regional spatial info (satellite images, aerial photo ..)
- H4: Support to national NWIS development
- H5: Definition and dissemination of common referentials for comparable data/information
- H6: Support to data production development
- H7: Support to regional outputs/enhancements (Scoreboards ?... ).....
- H8: Dissemination of common methodologies (water accounts ...)
- H9: National and regional concerted plans for Mediterranean water data and information (what exist, need, plan de desarrollo ..)
- H10: Training and human capacities building.....



## Potential thematic projects

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- T1: General indicators on water supply and sanitation (MDG7)
- T2 Indicators related to water of the MSSD
- T3: Water demande management
  - Data on uses of water for agriculture
- T4: Urban water and sanitation services
- T5: Climate change and water scarcity
- .....





- Comment on the global organisation proposal
- Working groups on horizontal projects (Monday afternoon)
- Working group on priority topics (Tuesday morning)



## Topical specific actions

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- Processing tools development