



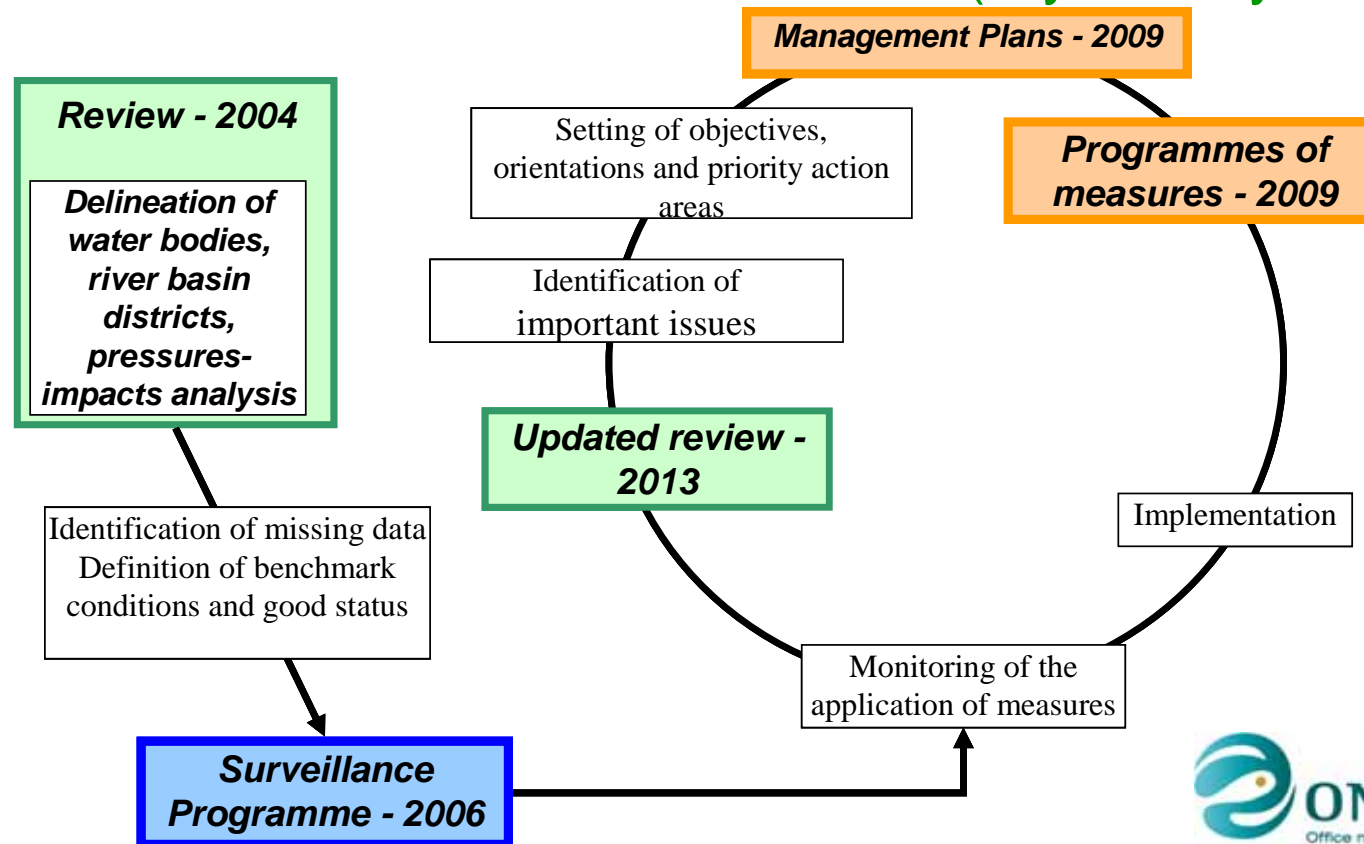
*Session 3.1.4. Operational tools for
sound basin management:
**The role of evaluation and information
systems***

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Basin management in the context of the Water Framework Directive in Europe

- Objectives set at the EU level: **Good chemical and ecological status of water bodies by 2015**: A results-oriented policy
- Implementation done at the basin level (6-years cycle)



A Water Information System to support water policies implementation

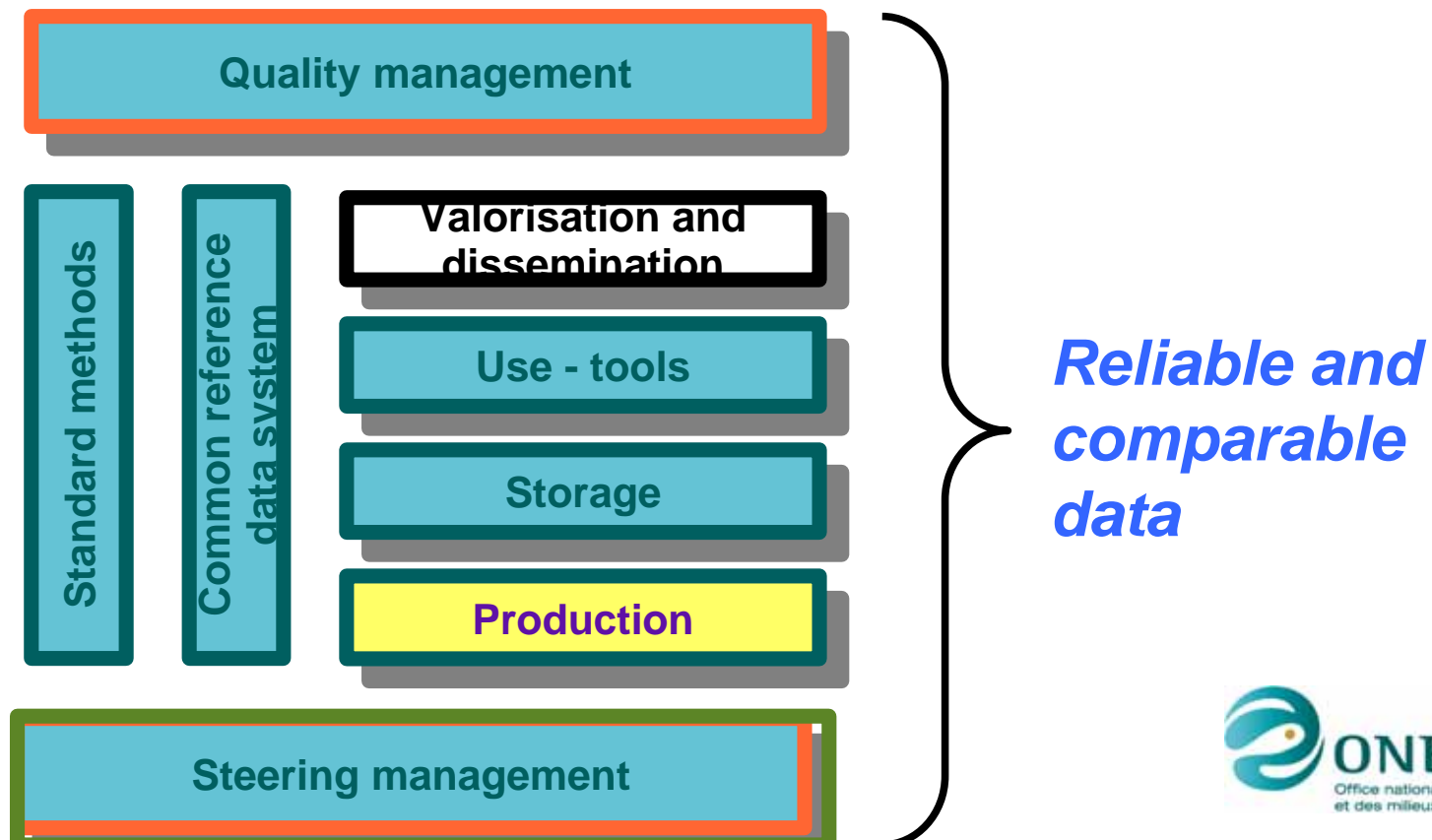
- Support planning and decision making by water agencies at the basin level

➔ Example: information on the quality of water resources and aquatic environments support the definition of coherent tariff zones and fees on the water consumed and pollution in river basin districts

- Assess efficiency of measures and check compliance with European and National policies implementation requirements
- Inform and facilitate public participation

Organization of the Water Information System in France

- Vast quantities of data, produced at the local and basin level (State services, Water agencies, Local governments, NGOs, Companies, Research organizations...)
- Common tools developed at the national level



Development of a national framework for water data (1/2)

- **Standard methods**

- Common methods for data collection, storage, analysis and valorisation

- **Common reference data**

- Common language for representation of information
- Frameworks for data exchanges
- Interoperability with other systems at the international level (e.g. WISE) and national level

- **Storage in national databases**

- National databases, managed at the local level by data producers
- Examples: Groundwaters (22000 stations); Hydromet; Quality of surface waters (4500 stations); Sanitation; Fish species ; Marine waters...

Development of a national framework for water data (2/2)

● Common tools for data analysis

- Common tools developed at the national level, locally used
- Examples: pressures-impacts models; evaluation of the status of water bodies; economic assessment....

● Dissemination and valorisation

- Indicators (reliable, up-to-date, comparable and responding to the needs of end-users)
- Maps and geographical tools
- Report on EU directives and other policies (through WISE)
- Web sites, available through a unique portal: www.eaufrance.fr
- European and international networks on information systems (e.g. EEA, Eurostat, OSPAR, Barcelona convention,...)

● Governance and quality management

- Governance at the national level and the river basin level
- Shared quality management system

Thank you !

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