



Le laboratoire national de référence de l'eau et des milieux aquatiques

HISTORY

2001-2002

- Competent authorities and public institutes begin to consider the need to create a reference laboratory for water
 - (similar to system adopted for air – a requirement of the EU Air Quality Framework Directive 96/62/EC)

2005

- Key initiatives giving momentum to the process:
 - mission to IGE (Envir. General Inspector.)
 - EU-funded NORMAN project
 - EAQC-WISE project

ROLES

NORMAN - main goal:

To set up a permanent network of reference laboratories for emerging pollutants

INERIS, BRGM, CEMAGREF :

French partners in the NORMAN project and responsible for this goal



What is the situation in France ?

Why is it needed?

- To develop and promote techniques and methods
- To guarantee laboratory performance
- To participate in standardisation work and to support the French position within European expert groups
- To establish a scientific & technical watch on emerging issues and new methods

These activities should be managed in France by means of an appropriate structure

What structure to adopt in France?

Present situation

There are public laboratories already working in this field, prepared to commit to the project and to work cooperatively

Proposal

To build on the existing expertise, rather than to create a new structure from scratch

A structure that supports monitoring policies for aquatic environment



5 public institutions working in consortium

5 public institutions :

- involved at national and international level in technical & scientific projects together with public research institutes and commercial partners
- involved in technical & scientific exchange networks at EU level (CMA, Euramet, OSPAR, CEN ...)
- share certain values deriving from their assessment and research roles, such as:
 - support of public authorities
 - encouraging transfer of research to the field
 - working for the common interest
 - exemplary conduct and rigour
 - giving priority to quality, objectivity and independence

A consortium agreement signed in May 2007

Governance

- Executive committee chaired by the CEMAGREF Director General
- Committee (5 representative members)
- 1 coordinator: INERIS
- Scientific leaders:
 - Chemistry: INERIS
 - Hydrobiology: CEMAGREF

Funding

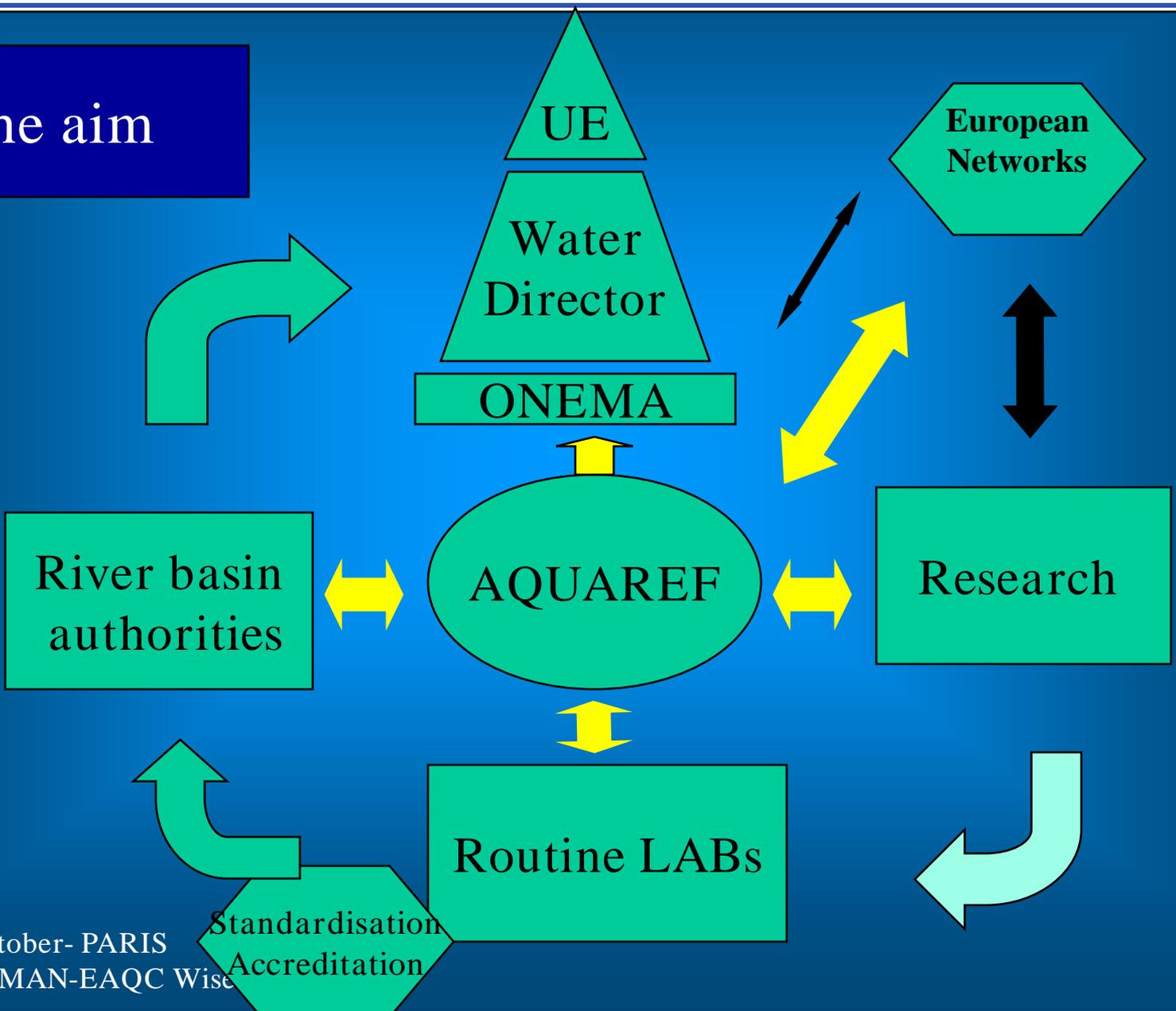
- Grants from public authorities supporting the aims of AQUAREF via ONEMA
- Members' own resources

Aim

To organise support to the public authorities on the scientific and technological aspects of monitoring policy for the quality of water and aquatic environments

Initial duration: 10 years

The aim



A workshop in May 2007 in Paris to launch the consortium and discuss the needs and priorities in the field of monitoring data.



Building a programm of activity for 2007-2009

AQUAREF

2 lines of work

CHEMISTRY

HYDROBIOLOGY

- Development and optimisation of methods
 - Expertise in support of data quality
- Scientific and technological developments relating to emerging issues (Link with NORMAN)

AQUAREF in 2008 : A work programme for key actions (1)

- **Sampling**
 - Harmonisation of practices : technical guidance
 - Development of quality initiative, inter-comparison tests and methods for estimating uncertainties.
- **Development and optimisation of chemical analytical and bio-indication methods** to meet WFD performance criteria

AQUAREF in 2008 : A work programme for key actions (2)

□ Support of data quality

to match the practices of chemical analytical and hydrobiological laboratories with the performance levels required by Europe.

□ Scientific and technological developments relating to emerging issues

to accelerate the development and transfer of new tools and innovative measurement methods in chemistry and biology ...

AQUAREF in 2008 : A work programme for key actions (3)

- **A common expertise for standardisation**
to match the routine lab 's practices with international agreed methods.
 - In chemistry
 - In hydrobiology

- **building bridges for transferring best practices**

We are happy to share our
experience...with European colleagues

.....

AQUAREF is the first answer in France to
the proposal of EAQC wise Blue print
National expert group to support national
authorities for quality monitoring data
within WFD

Thank you for your attention

.....

Contact : anne.morin@ineris.fr
valeria.dulio@ineris.fr

a website will be available
www.aquaref.fr