Capacity building for staff and stakeholders of basin organisations

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Many competencies for River Basin management ...

• Manage action within the legal/institutional national and international context (EU WFD, UN conventions, bilateral agreements)

• Develop River basin management plans, taking into account adaptation to climate change and water related risk management (flood, drought, accidental water pollution)

• Manage mechanisms for participation of stakeholders and public (Basin Committees, ..) , support them in implementing activities

• Identify priorities and prepare action plans and pluriannual investments plans through integration of all concerned sectors action plans

• Collect and produce reliable information and data allowing a good knowledge of water resources status (quantity and quality) and water uses
All major water uses are concerned

Urban uses:
- drinking water supply
- wastewater treatment

Industrial uses
- abstraction
- discharges

Agricultural uses
- abstraction
- diffuse discharges

Recreational / ecological uses
- angling
- bathing...

Hydropower

Conservation of ecosystems:
- rivers, lakes, wetlands, aquifers, costal areas,
Various solutions for capacity building...

- **Exchange of experience between practitioners** through networking within dedicated networks: European and Mediterranean networks of INBO, ..
- **On the job training** and coaching through cooperation projects: **Institutional Twinnings** supported by EU, technical assistance, involving both basin organisations staff and stakeholders
- **Short-term training sessions** for young professionals of basin organisations
- Distance learning, **web-based seminars**
- Etc..
INBO's REGIONAL NETWORKS

- North American Network of Basin Organizations (NANBO)
- Latin American Network of Basin Organizations (LANBO)
- Brazilian Network of Basin Organizations (BNBO)
- Mediterranean Network of Basin Organizations (MENBO)
- African Network of Basin Organizations (ANBO)
- European-Inbo Group for WFD
- Central and Eastern European Network of Basin Organizations (CEENBO)
- Network of Asian River Basin Organizations (NARBO)

192 FULL MEMBERS or PERMANENT OBSERVERS in 71 COUNTRIES
The « EUROPE INBO » Group

The "EUROPE-INBO" group of basin organizations for the implementation of the Water Framework Directive was created in Valencia, Spain, in November 2003; it gathers European member organizations and observers from INBO.

EUROPE-INBO mobilizes European Basin Organizations and District Authorities through regular meetings, to exchange on their practical approach and experience, identify operational problems, share difficulties and successes.

The work of the «EUROPE-INBO» group aims at enriching the WFD Common Implementation Strategy with analyses coming directly from field practitioners.
European Institutional Twinning projects: 15 years experience in capacity building

• Since 2000, Institutional Twinnings financed by EU have allowed to support candidate and neighbouring countries to upgrade their legal/institutional organisation and practices in line with the European legislation

• Twinnings were covering mainly the Water Framework Directive, Flood Directive and sectoral issues (Drinking Water, Urban wastewater, Nitrates, Dangerous Substances)

• The works jointly developed around pilot basin activities by administrations and experts from Twinning countries is recognised as one of the best mechanism for capacity building. They also reinforce the links between the European and Mediterranean communities
European Twinning projects

- IOWater in charge of 30 water related Twinning projects as mandated body by the French Ministry of Ecology and Sustainable Development.
Specific Training for Basin Committees on European Directives

In Turkey, implementation of 5 Training of Trainers modules on all aspects of Water Framework Directive

- Targeting 40 future trainers in charge of knowledge improvement for the 25 Turkish Basin Committees, recently created
- EU funded Technical assistance
Capacity building for stakeholders: water management in agriculture

Providing expertise and facilitation for decision making in semi-arid regions

- Water allocation process and water management tools involving water users associations

- Participative approaches with irrigators and local authorities in order to restore dialogue

- Diagnosis of irrigation systems governance
Training for Water and Wastewater utilities

IOWater Training Centre
since 1977
6 000 trainees / year,
700 training sessions / year
60 permanent staff,
35 permanent trainers,
300 external lecturers

Water, waste water, municipal solid wastes

Many pedagogical platform facilities: showrooms, practical works, disfunctions modeling
Profiles and origins of trainees

- Operators, workers: 40%
- Intermediary managers: 40%
- Managers and engineers: 20%
Mediterranean Network of Water Training Centers

http://www.aquaformed.org
Mediterranean Water Knowledge Platform
MWKP-UpM label 2014

- Stakeholder governance
- Documentation & data
- White papers
- Universities & engineers schools
- Structuring projects
- Prospective
- Training centres
- Research & innovative technologies

Coordination

Administrations
Institutional networks
Water utilities
Local NGOs
International NGOs
Researchers
Local managers
Public
Donors
Etc.
Challenges and lessons learnt

**International cooperation**: A very efficient tool in the Mediterranean region for enabling a smooth integration of candidate countries in the European Union and for the Neighbourhood Policy

- Promote **legislative and institutional progresses**
- **Build capacity of partners countries** on institutional, legislative and technical issues
- **Reinforce the links** between the European and Mediterranean communities
Key Message to WWF7

Objectives within thematic process 4.5 : by 2030, develop programs of training for the staff of basin organizations and stakeholders involved in water resources management.

• Develop exchanges of good practices on staff training through networks of basin organisations and twinning between basin organisations.

• Develop training programs dedicated to groundwater management.

• Develop e-learning programs on basin management targeted at emerging and developing countries: web-based seminars, MOOC...
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Thank you for your attention!