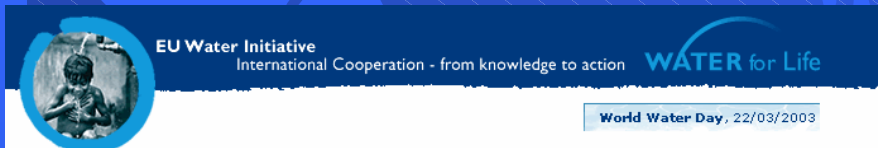
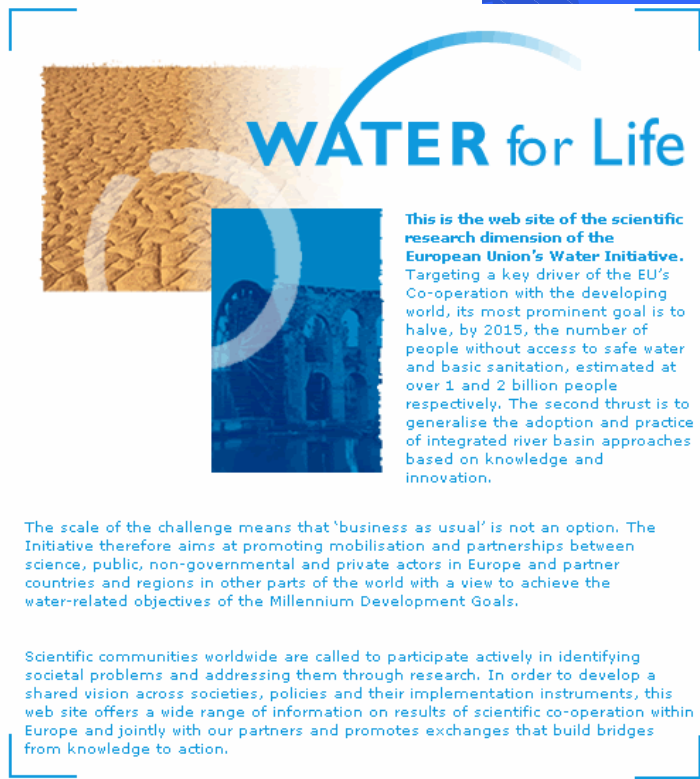




EU Water Initiative Research Component



- o Foreword
- o Policy framework
- o Principal instruments of European international policies
- o Five thousand years of water works supporting diverse human societies
- o Balancing people and nature – Integrating approaches
- o Safe water and sanitation
- o Cost-effective approaches that work
- o Catchment basin approaches – Strategies for reconciling multiple demands
- o Protecting mountainous upstream areas
- o Sustainable lowland-use and irrigation
- o Urbanisation and water
- o Coastal zone management
- o The way forward
- o Project overview tables
- o International cooperation projects - PDF (size: 221 Kb)
- o European excellence in water and soil science and technology - PDF (size: 233 kb)
- o Further reading
- o See Cooperation in FP6 (2002-2006) map - PDF (size: 499 Kb)
- o Download the Water for Life brochure or project annexes in PDF format (551 kB and 136 kB)



World Water Day, 22/03/2003

WATER for Life

This is the web site of the scientific research dimension of the European Union's Water Initiative. Targeting a key driver of the EU's Co-operation with the developing world, its most prominent goal is to halve, by 2015, the number of people without access to safe water and basic sanitation, estimated at over 1 and 2 billion people respectively. The second thrust is to generalise the adoption and practice of integrated river basin approaches based on knowledge and innovation.

The scale of the challenge means that 'business as usual' is not an option. The Initiative therefore aims at promoting mobilisation and partnerships between science, public, non-governmental and private actors in Europe and partner countries and regions in other parts of the world with a view to achieve the water-related objectives of the Millennium Development Goals.

Scientific communities worldwide are called to participate actively in identifying societal problems and addressing them through research. In order to develop a shared vision across societies, policies and their implementation instruments, this web site offers a wide range of information on results of scientific co-operation within Europe and jointly with our partners and promotes exchanges that build bridges from knowledge to action.

Mediterranean

http://europa.eu.int/comm/research/water-initiative/index_en.html

EU Water Initiative - A Quick Overview

Geographical Components

- AFRICA (sub-Saharan)
 - EECCA
 - MEDITERRANEAN
(North Africa & Middle East)
 - LATIN AMERICA
- others to follow...

Thematic Areas

- ✓ Water Supply and Sanitation (WSS)
- ✓ Integrated Water Resources Management (IWRM...*including transboundary resources*)

Horizontal Components

Financing
Research
Monitoring

European efforts in international water research and scientific co-operation

Building on existing foundations

- + **Europe is doing a lot:** International water research maintains a high policy profile at Community and EU Member States level
- +/- **Wealth of European knowledge but limited interaction** between the various international water research and scientific co-operation programmes
- +/- **Strategic approaches differ and so does impact:** There is a diversity of strategic approaches and forms of international co-operation in water research
- +/- **Focus in all EU Water Initiative key sectors;** but multidisciplinary approaches need to be reinforced



Objectives and Expected Results of the Research Component

Co-ordination, coherence and complementarity of European efforts to enhance IMPACT of co-operation in water research for Developing Countries

- *Bringing together the necessary critical mass and promoting strategic partnerships*
- *Establishing feedback mechanisms for joint research policy and implementation review based on lessons learnt and good practices*
- *Promoting integrated research approaches for strategic water management sectors*
- *Promoting awareness, proactive stakeholders' participation, development of human resources and better knowledge and innovation management in developing countries*
- *Integrating further and synchronising research with development co-operation efforts*

PERFORMANCE INDICATOR

TIMELY AND EFFECTIVE TRANSFER OF THE CO-ORDINATION
PROCESS AT LOCAL LEVEL (REGIONAL AND NATIONAL)

Brief overview of Current and Future activities by the Research Component

- ✓ **Critical Mass and Strategic Partnerships:** *Working Group (Public, Private, NGO) – FP6 Work Programme – Interactions with other research initiatives*
- ✓ **Joint research policy and implementation review:** *Mapping of European Efforts (Policy frameworks, Institutions, Strategic Approaches, Problems and Stakeholder Analysis, Lessons learnt and good practices, Targeted topics, regions and countries)*
- ✓ **Integrated Research Approaches:** *Networking between bilateral programmes – FP5 project clusters - FP6 Work Programme (IP NoE)*
- ✓ **Awareness, stakeholders' participation, human resources, better knowledge and innovation management:** *Identification of research/knowledge management institutions/structures at local level, FP6 Human Resources and Mobility, regional co-ordination meetings, web-site, electronic fora, newsletter*
- ✓ **Research and development co-operation:** *Co-ordination with other EU WI working groups and development co-operation agencies (research results and identification of knowledge gaps)*

International Research Co-operation 6th Research Framework Programme (2002-2006)

EUROPEAN RESEARCH AREA (ERA)

Within the 6th FP,
International Water
Research and
Scientific Co-
operation can be
funded both through
Specific Actions in
support of
International Co-
operation (INCO) and
Thematic Priorities

Global Budget
International Research

INCO
315 mi EURO

Thematic Priorities
285 mi EURO

Human Resources and
Mobility

Training for researchers
from Partner countries

Research and scientific co-operation to support the EU Water Initiative in the 6th Research FP International CO-operation

Developing Countries; Rational Use of Natural Resources - Ecosystem dynamics - Renewable natural resources; Integrated approach to natural and agro-resource use systems - Multiple Demands on Coastal Zones, Food Security

Mediterranean; Integrated Management of Limited Water Resources - Water Treatment, re-use and energy implications

Western Balkans; Waste water treatment and reuse, treatment of industrial and municipal waste - Use of recycled materials

Russia and other NIS (EECCA); Environment and Health Protection

Research and scientific co-operation to support the
EU Water Initiative in the 6th Research FP
Thematic Priority Global Change and Ecosystems

Integrated water management at catchment scale;
"twinning" partnerships with African and NIS river and
transboundary basins.

Integrated urban water management; African, Asian
and/or South American mega-cities and peri-urban areas.

Management of water under scarcity; south-
Mediterranean countries.

*Development of scenarios of water demand and
availability at 25-50 years;* SE Mediterranean, Black Sea
region and other NIS countries.

River Basins and Organisations (RBOs) in proposals for 'twinning' research co-operation

EUROPE: Spain (Guadalentin River Basin), UK (Thames), Sweden (Norrstrom), Germany (Neckar), Austria (Mur) and various RBOs in France, Netherlands, Italy, Poland, Hungary

AFRICA: Namibia (Kuisseb Catchment), South Africa (Western Namaqualand), Botswana (Okavango), Benin (Queme), RBOs in Niger and Senegal

MEDITERRANEAN COUNTRIES: RBOs in Algeria, Morocco, Israel (Nahal Zin Catchment - Negev Desert)

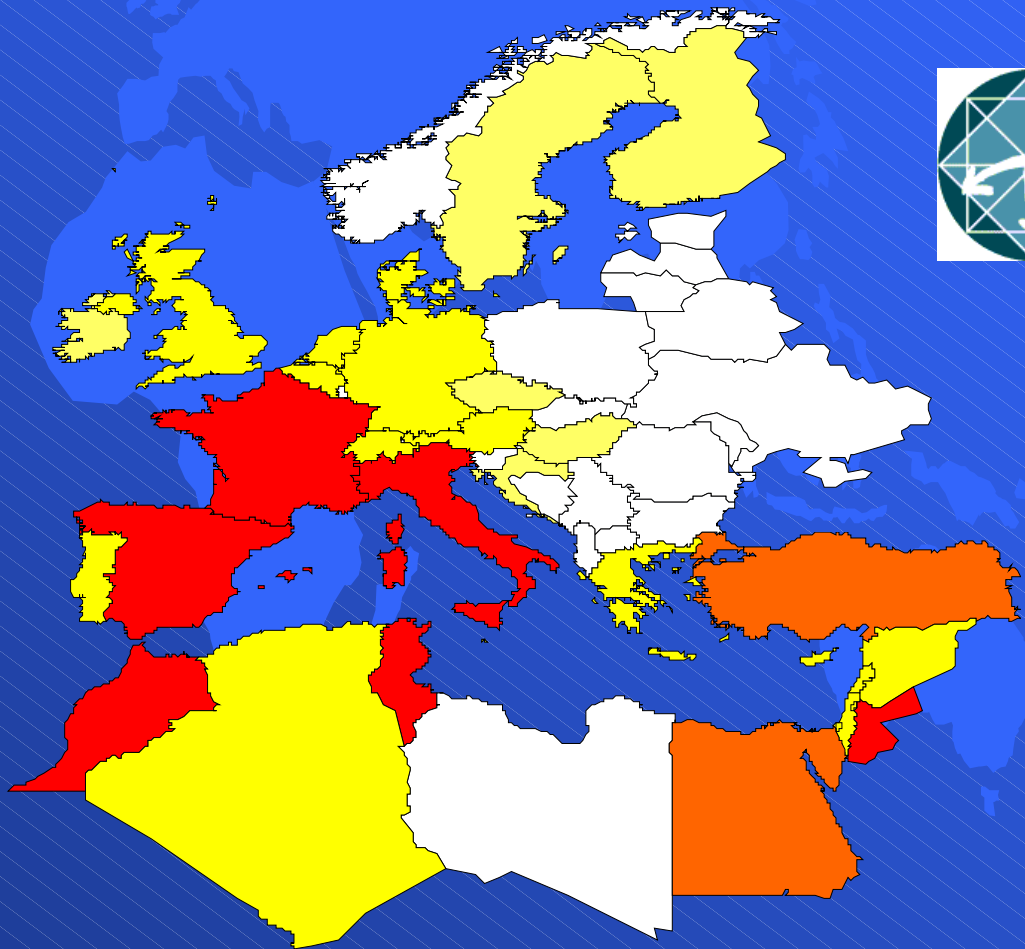
EECCA Countries: Uzbekistan (Chirchik/Upper Syrdaria), Kazakhstan (Nura)

LATIN AMERICA: Chile (Bio Bio) and RBOs from Mexico and Brasil

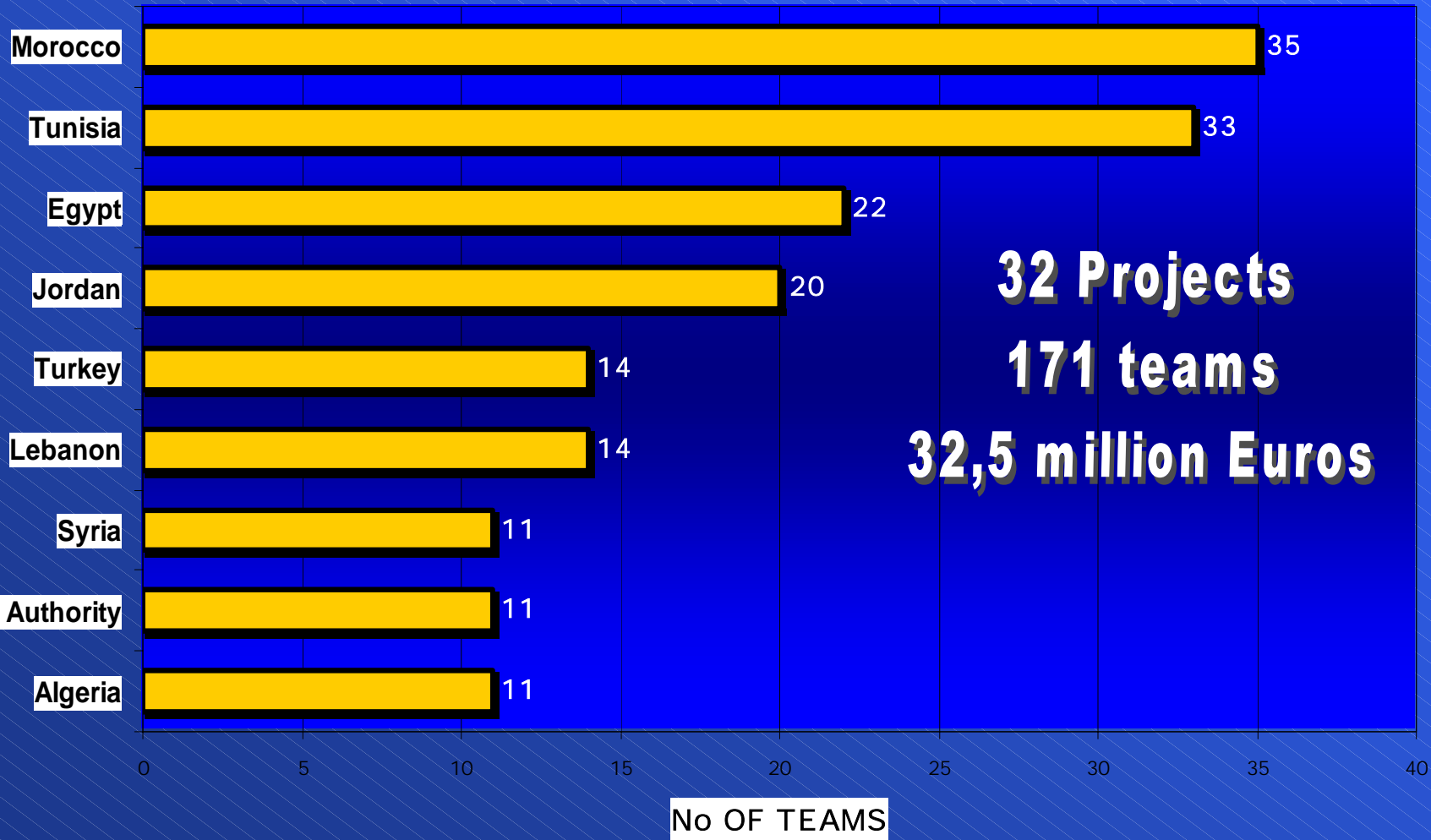
SE ASIA: RBOs in Indonesia



INCO Contracts : Participation in FP by Country MEDITERRANEAN PARTNER COUNTRIES



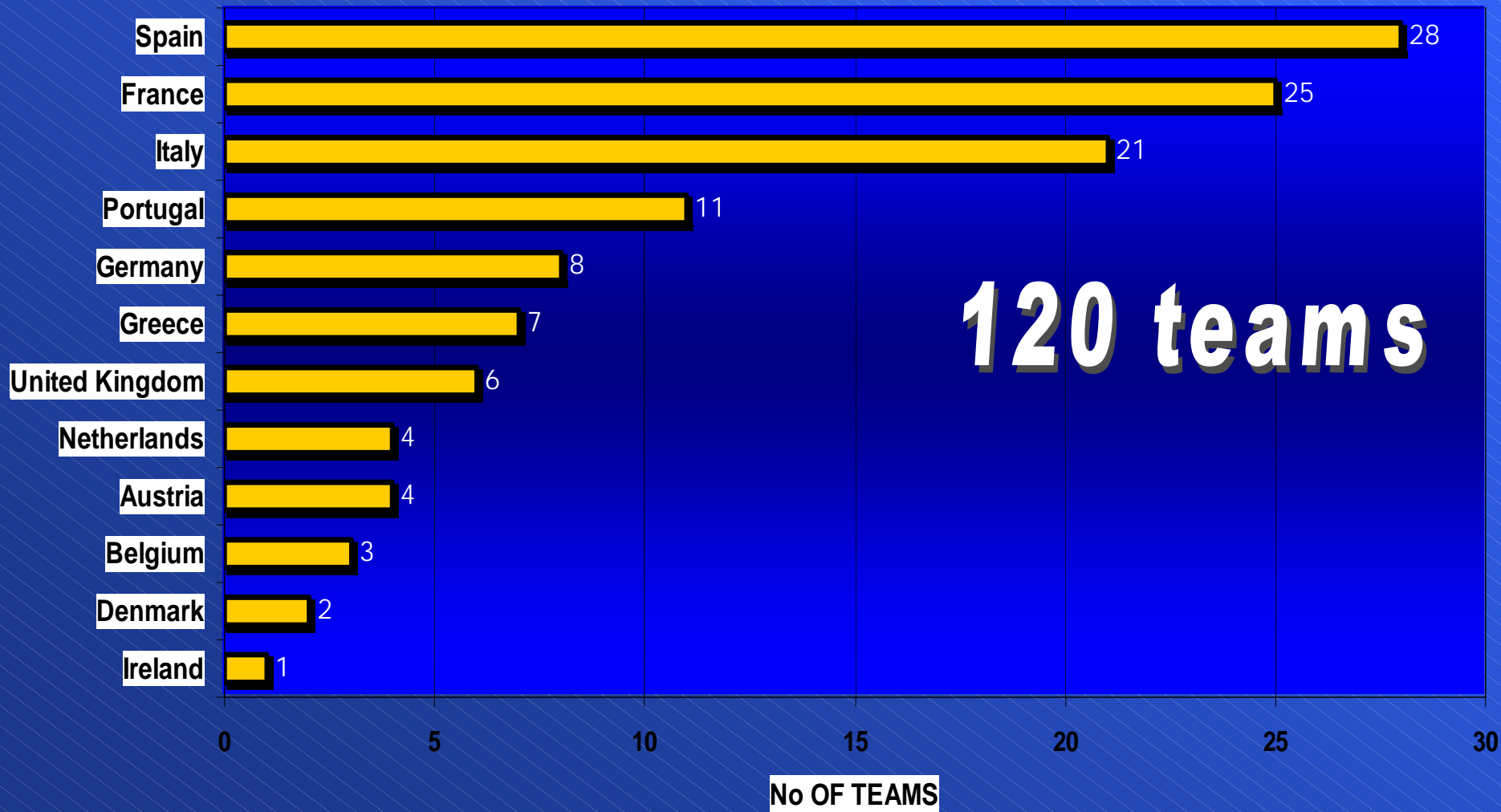
RTD TEAMS FROM MEDITERRANEAN COUNTRIES INCO MED - FP5 (MAJOR WATER TOPICS)



Major Water Topics (INCO-MED FP5)

- ✓ Ecosystems management
- ✓ Water Use in Agriculture / Farming Systems including peri-urban areas
- ✓ Water Treatment
- ✓ Water management / Sanitary risks in peri-urban areas
- ✓ Water Policy
- ✓ Water Technologies
- ✓ Desertification
- ✓ Management of scarce water resources

RTD TEAMS FROM EU MEMBER STATES INCO MED - FP5 (MAJOR WATER TOPICS)



**PLATFORMS FOR THE PROMOTION OF INNOVATION AND
BETTER KNOWLEDGE MANAGEMENT WITHIN THE
EURO-MEDITERRANEAN PARTNERSHIP
THE EURO-MED REGIONAL WATER PROGRAMME**

WATER FACILITATORS

*ENTRY TO NATIONAL POLICY, POLITICAL COMMITMENT,
PLATFORM FOR REGIONAL COOPERATION*

EMWIS & NATIONAL FOCAL POINTS

*INFORMATION COLLECTION, ANALYSIS AND DISSEMINATION
PLATFORM*

MEDA REGIONAL WATER PROJECTS

*POTENTIAL VECTORS FOR INNOVATION, AWARENESS, HUMAN
RESOURCES, BETTER KNOWLEDGE MANAGEMENT*

SUPERVISION AND MONITORING AGENCY

*SUPPORT FOR NETWORKING AND COLLABORATION BETWEEN
REGIONAL WATER PROJECTS AND OTHER INITIATIVES*

**FP RESEARCH PROGRAMMES - MEMBER STATES &
NATIONAL RESEARCH PROGRAMMES**