

EU Water Initiative Research Component



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

*20% of all European Union
Surface water is seriously
threatened with pollution*

*Over 1 billion people
lack access to
safe water*

*60% of European cities
overexploit
groundwater resources*

*Over 2 billion people
lack access to
sanitation*

*The cost of supplying the EU
with water almost doubled
between 1990 and 1995
(from 12 to 20 billion euro)*

*More than 5 million people
die each year from
water-related diseases.*

*Estimations for the
implementation
of the
WWT Directive
EUR 150 billion*

*2/3 of global population
will be living with
water shortages by 2025*

...living in a century of
Urbanisation'

....by
ne

URBAN WATER GOVERNANCE

and
astes

water
by the uni

EU Water Initiative - A Quick Overview

Johannesburg
Summit
and
Water related
MDGs

COUNCIL

MEMBER STATES
EXPERT GROUP

COMMISSION
SECRETARIAT

WORKING PARTIES

DEV, ACP, WPEIE, RELEX, RTD

MSTF STEERING COMMITTEE

MULTI-STAKEHOLDER FORUM
(MStF)

WORKING GROUPS
HORIZONTAL

WORKING GROUPS
GEOGRAPHICAL/THEMATIC

EU Water Initiative – Working Groups

Geographical

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

Components

Thematic

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

Horizontal

Financing
Research
Monitoring

Existing RTD foundations in support of the EU Water Initiative

- + The EU Water Initiative recognises that innovation and better knowledge management is central to the achievement of the water related MDGs
- + Europe is active in this area; international water research maintains a high policy profile at Community and EU Member States level
- +/- Wealth of European knowledge but scope for more co-ordination 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

- Critical mass and strategic partnerships
- Feedback mechanisms for joint research policy and implementation review based on lessons learnt and good practices
- Integrated research approaches for strategic water management sectors
- 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)*

- *Integrated water resources management (at its various levels - river basin, transboundary, urban, rural)* is an old concept but still applied practice - the world over - recognises complexity, current limitations and need for further input from research and scientific co-operation
- **New approach to Water Governance** would need support with regard to state-of-the art knowledge and adaptable good practices within various areas

**Water Governance, Policy
and Institutions**

**Social Equity
And
Stakeholders Participation**

**Public and Private Sector
Participation**

**Strategic allocation
between uses/users**

**Climate Change, Surface and
Aquifer Hydrology**

Ecological Management / Pollution

**Preparedness for Extreme Events
(Drought and Floods)**

**Renewable Resources
and
Energy**

**Irrigation Management, Food Security
....Virtual Water Trade**

- *Similar Issues for Water Supply and Sanitation*

**System Design, Management,
Maintenance and Strategic
Rehabilitation**

Resource Conservation

Peri-Urban Development

Community-based management

**Wastewater Treatment
and Reuse (+ decentralized)**

**Household Food
and Water Security**

Quality Control / Safe Drinking Water

Gender Dimensions

**Water Demand Management,
Econ/Fin Cost, Pricing,
Tariff Structures**

Public Health / Education / Hygiene

Energy Demand and Emissions

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

€ 185 mi

from reserve of 9th EDF
Long Term Development
Envelope

€ 41 mi

from 9th EDF Investment
Facility

€ 24 mi

from 9th EDF
existing funds for intra-ACP
Co-operation

€ 250 mi

to be
released
upon a
decision of
the Council
(March, 2005)

Reviews of
Country
Strategies
and
performances

€ 500 mi

For purposes to
be agreed by
the Council
(March, 2005)

1st Tranche
€ 250 mi
(2004)

2nd Tranche

Council Decision
ACP - EU Water Facility