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ASSEMBLEES GENERALES
DU RESEAU AFRICAIN DES ORGANISMES DE BASSIN ET
DU RESEAU DES ORGANISMES DE BASSINS TRANSFRONTALIERS

DAKAR (SENEGAL), 03 au 06 NOVEMBRE 2004



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RESEAU INTERNATIONAL DES ORGANISMES DE BASSIN
INTERNATIONAL NETWORK OF BASIN ORGANIZATIONS
RED INTERNACIONAL DE ORGANISMOS DE CUENCA





**ASSEMBLEES GENERALES
DU RESEAU AFRICAIN DES ORGANISMES DE BASSIN ET
DU RESEAU DES ORGANISMES DE BASSINS TRANSFRONTALIERS
DAKAR (SENEGAL), 03 au 06 NOVEMBRE 2004**

**Réseau International des Organismes de Bassin
International Network of Basin Organizations**



GENERAL ASSEMBLIES
OF THE AFRICAN NETWORK OF BASIN ORGANIZATIONS &
OF THE NETWORK OF TRANSBOUNDARY BASIN ORGANIZATIONS
DAKAR, 03 – 07 November 2004

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INTERNATIONAL NETWORK
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TRANSBOUNDARY BASIN ORGANIZATIONS
- INTBO -

***"TOGETHER FOR INTEGRATED
WATER RESOURCE MANAGEMENT
OVER THE WORLD"***

=

<http://www.inbo-news.org>



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RESEAU INTERNATIONAL
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**Intervention
de**

Jean-François DONZIER

Directeur Général

Office International de l'Eau

Secrétaire Technique Permanent

Réseau International Organismes de Bassin

- RIOB -



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**WHY A NETWORK
OF
INTERNATIONAL COMMISSIONS
AND
TRANSBOUNDARY BASINS
ORGANIZATIONS**





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- **For million years, water has been naturally flowing in river basins, disregarding borders and the administrative limits created by mankind.**
- **Depuis des millénaires, l'eau s'écoule naturellement dans les bassins versants sans se soucier des frontières, ni des limites administratives créées par les hommes.**
- **Desde milenios, el agua corre naturalmente en las cuencas hidrográficas sin tener cuenta de las fronteras ni de las limites administrativas creadas por los hombres.**



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« Water has no boundary »

?!?



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There are 263 transboundary rivers over the world,
the basins of which are shared by at least two countries
and cover an area of between half and two-thirds of the continents
and host two-fifths of the world population :

15% of the Countries depend on more than 50%
of the water resources of upstream countries.

For instance, Iraq, Sudan, Syria, Egypt, Paraguay, Niger, Congo,
Gambia, Botswana or Mauritania, Luxembourg, Romania,
the Netherlands, Bulgaria or Hungary
have more than 2/3 of their resources coming from bordering countries.

It is estimated that 48% of the world population
will live in highly degraded river basins in 2025.



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Nombre de bassins internationaux par continent et pourcentage du territoire couvert.

	2002	Pourcentage du territoire
Afrique	59	62 %
Asie	57	39 %
Europe	69	54 %
Amerique du Nord	40	35 %
Amerique du Sud	38	60 %
TOTAL	263	45 %



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**International River Basins of
AFRICA**

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LE BASSIN DU FLEUVE NIGER



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Bassins
fluviaux
principaux
en Europe



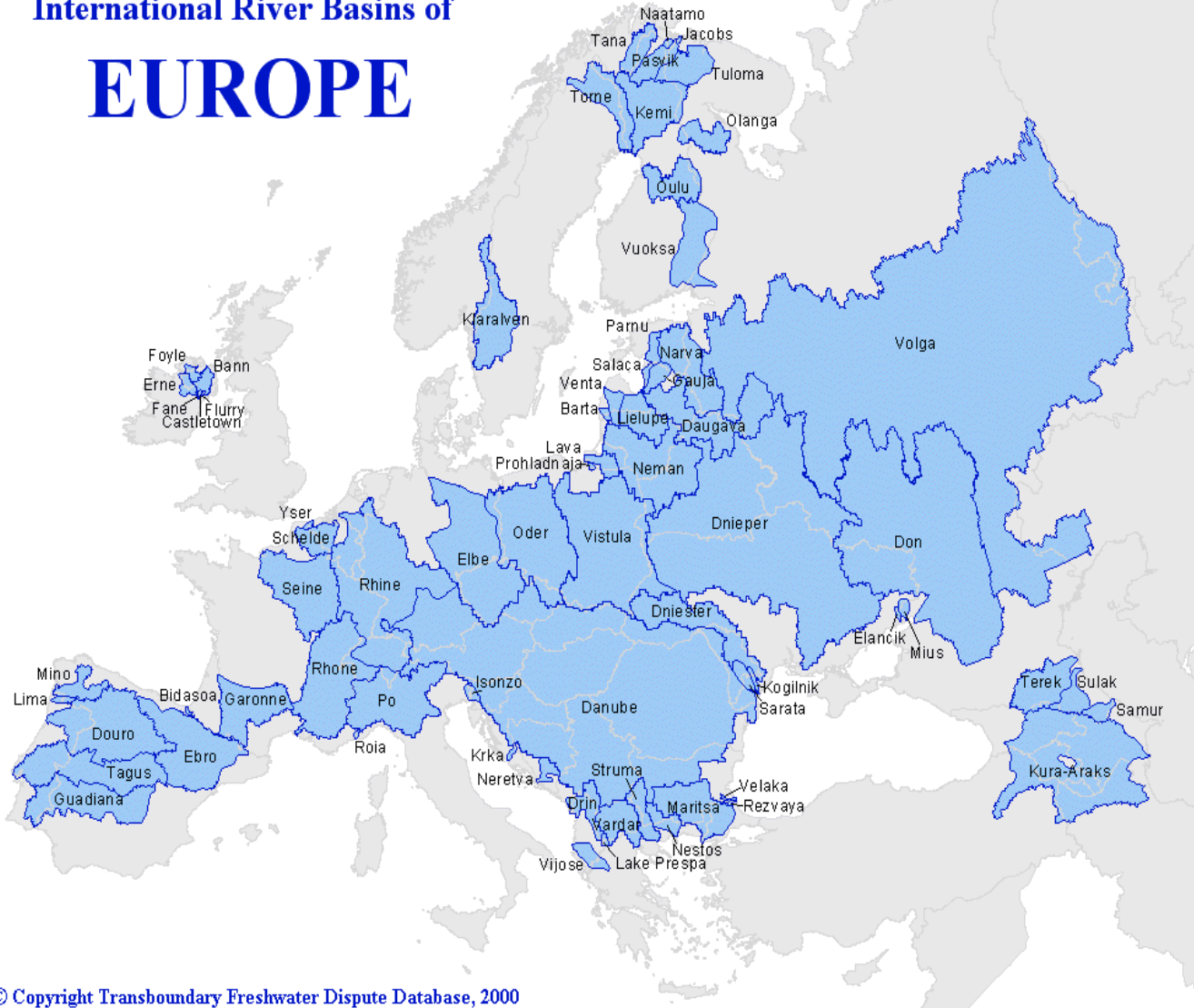


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International River Basins of **EUROPE**



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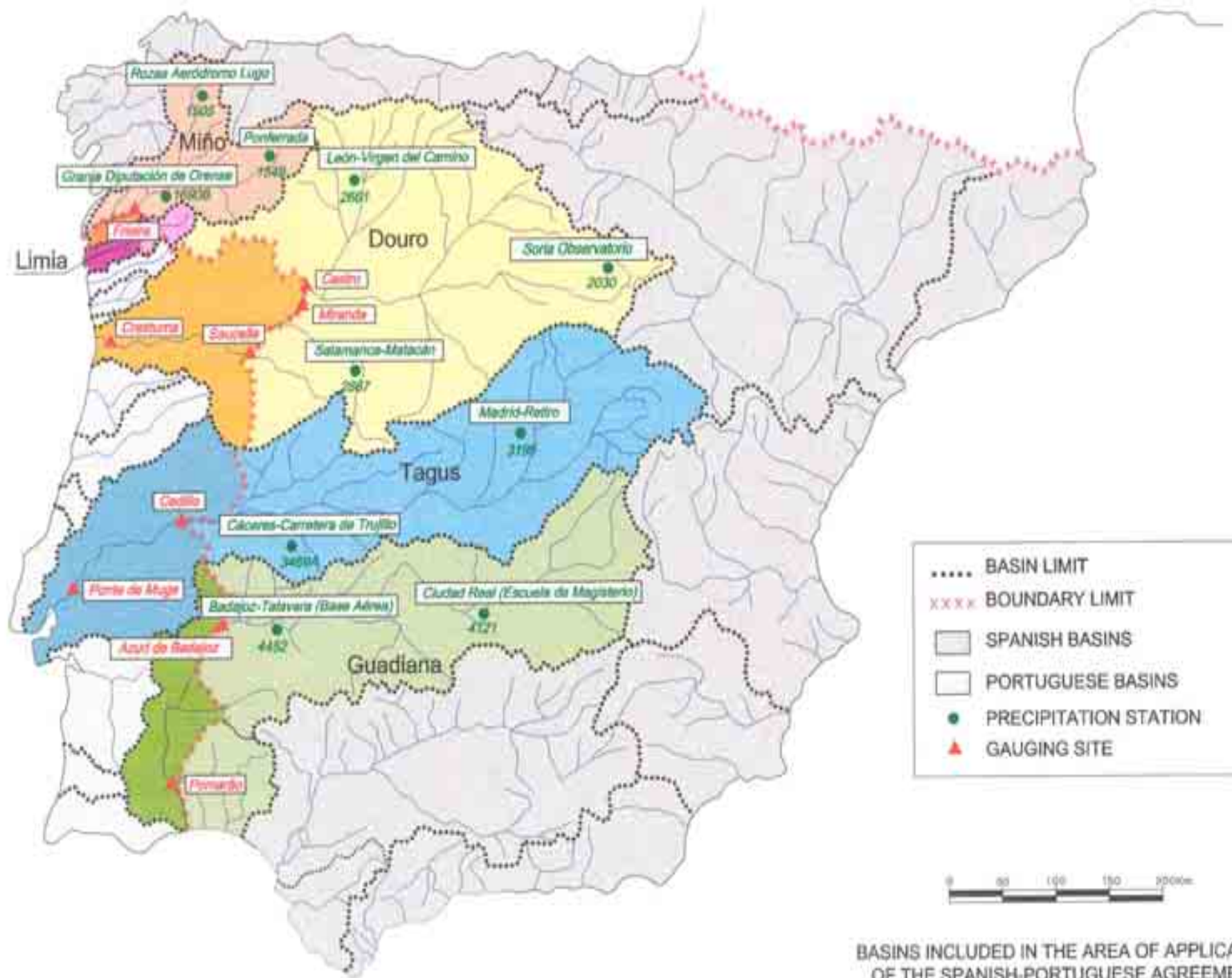
Commission Internationale pour la Protection des Eaux du lac Léman



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Zone géographique concernée par la CIPEL





BASINS INCLUDED IN THE AREA OF APPLICATION OF THE SPANISH-PORTUGUESE AGREEMENT

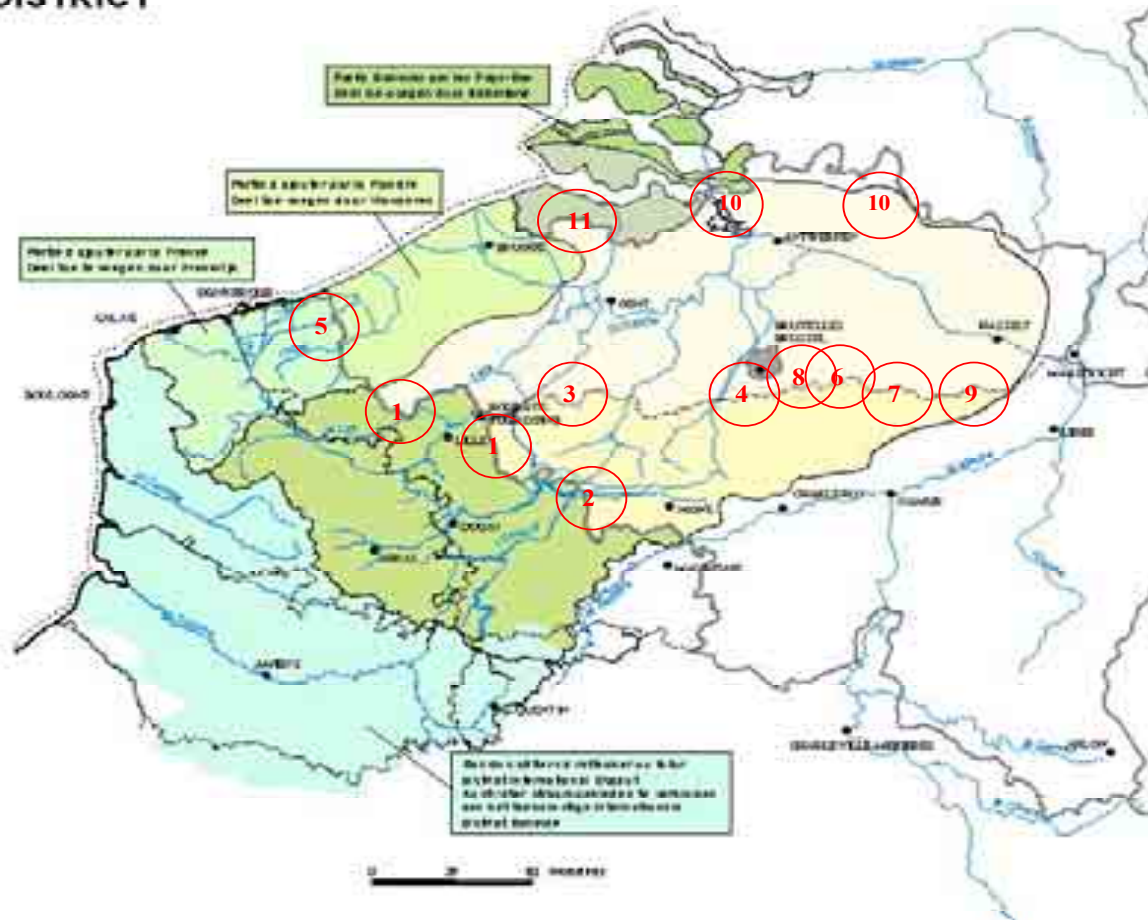


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DISTRICT DE L'ESCAUT SCHELDE DISTRICT







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International River Basins of **NORTH AMERICA**







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International River Basins of **SOUTH AMERICA**

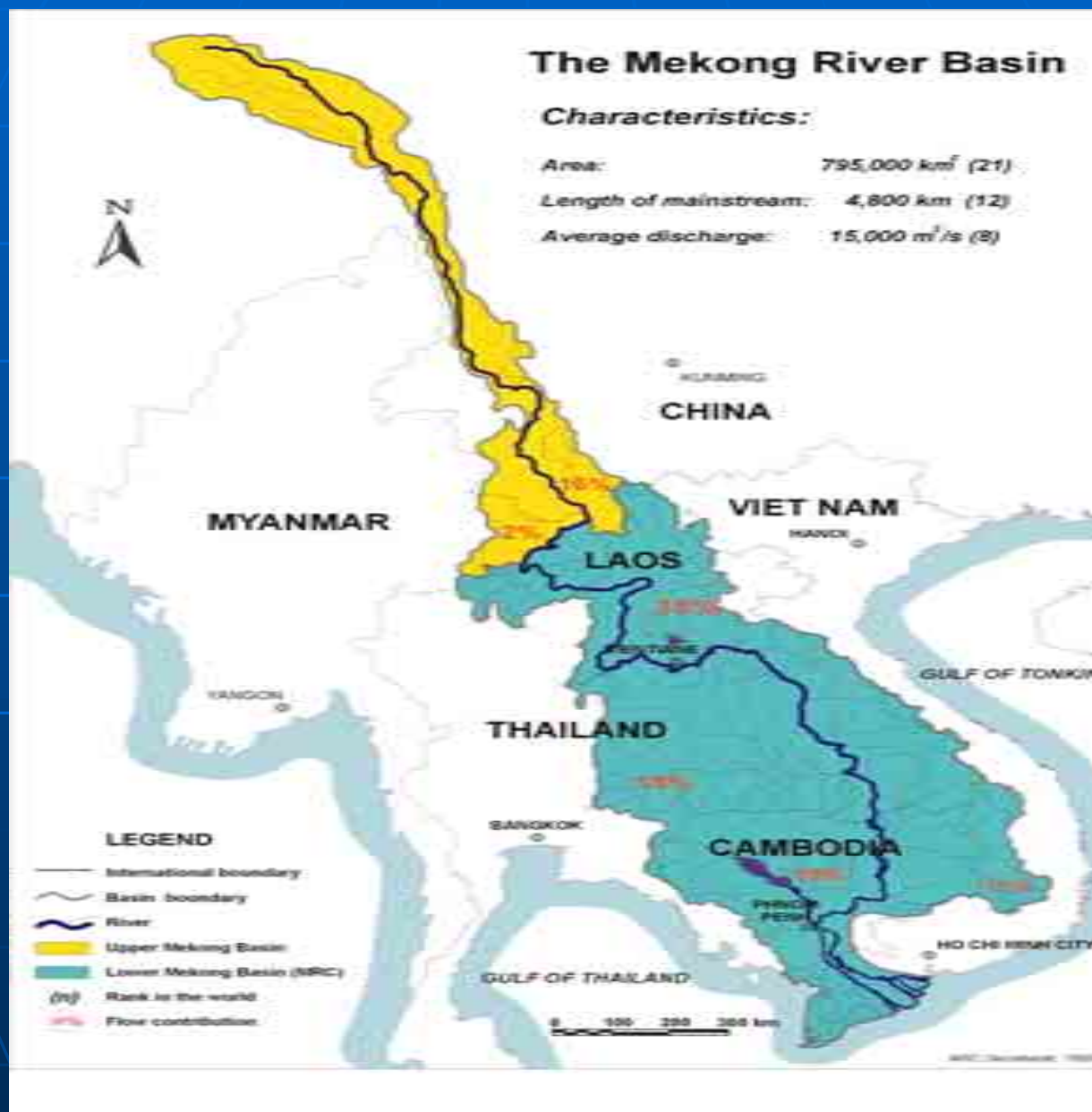




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INTERNATIONAL NETWORK of TRANSBOUNDARY BASINS ORGANIZATIONS



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Appropriate integrated management of rivers, lakes or aquifers,
shared by several riparian countries,
is now of strategic significance :

For these large transboundary rivers and aquifers,
inland or international seas,
cooperation agreements between the riparian countries
should be considered.

Several countries have already established
an appropriate basin organization
and a large number are considering doing so,
in cooperation with international organizations and programs.



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BUT :

Although huge efforts have been made in the last decades, an exchange and cooperation network is still lacking at the level of transboundary river basins and aquifers, involving the managers, decision-makers and the main user organizations concerned with sustainable water resource use.

It is the reason why the 5th General Assembly of INBO, which took place in Quebec in May 2002, proposed the creation of a specialized International Network of Transboundary Basins Organizations to enrich this approach, in liaison with all the institutions concerned.

Its objective is to help creating and strengthening Basin Organizations over the world.



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**The creation of a specialized Network
of
International Commissions
and
Transboundary Basin Organizations
has been decided
during the constitutive Assembly,
held in Thonon-les Bains,
25 & 26 November 2002 .**



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International Network of Transboundary Basin Organizations, **OBJECTIVES:**



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- to develop relations between organizations interested in comprehensive water resource management at the river basin level,
- to favor exchanges of experiences and expertise among them,
- to promote the principles and means of sound water management in cooperation programs,
- to facilitate the implementation of tools suitable for institutional and financial management, programming, organization of data banks, and for models adapted to the needs,
- to promote information and training programs for the different stakeholders involved in water management as well as for the executives and staff of the member basin organizations,
- to evaluate ongoing actions and disseminate their results.



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International Network of Transboundary Basin Organizations, MEMBERS:



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- **“Basin Organizations”**, entrusted by relevant public administrations with integrated water resources management at the level of important river basins, federal or transboundary, as well as the cooperation structures they have developed among them.
- **the governmental administrations in charge** or interested in applying integrated and sustainable water resources management:
 - organized at the level of river basins,
 - associating administrations and local authorities, as well as users,
 - having specific budgetary resources at their disposal, obtained by applying the “user-polluter-pays” principle.
- **bi and multilateral co-operation agencies** supporting activities related to integrated and sustainable water resources management at the level of river basins.



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INTERNATIONAL NETWORK of TRANSBOUNDARY BASINS ORGANIZATIONS



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THE FOUNDING PRINCIPLES:

- strengthening cooperation between the riparian countries involved,
- organization at the level of transboundary river basins and aquifer of procedures for integrated water resource management, aiming at preventing natural dangerous and catastrophic phenomena, meeting, in a rational and fair manner, the different uses for sustainable economic development and protecting and restoring the aquatic environments and lands,
- exchange of information and data essential for knowledge of the resources, uses and pollution and required for forecasting natural hazards and accidents, for defining multi-year plans for joint and consistent actions and for evaluating the common policies implemented,



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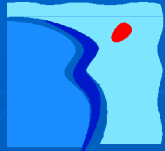
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THE FOUNDING PRINCIPLES (2) :

- setting up of multi-year development and protection programs, based on the "user-polluter-pays" principles and on common cause in the basin, and systems for financing their implementation,
- search for the best appropriate methods for organizing partnerships associating national Authorities and possibly relevant international institutions, with the local powers, water users representatives, non governmental organizations involved in the planning and management of basin organizations,
- development of capabilities for training executives and technicians of the concerned basin organizations and administrations, together with the means for informing the representatives of these partners to enable them to fully assume their responsibilities which are theirs within the context of basin policies.



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THE SPECIFIC OBJECTIVES TO BE ACHIEVED



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- During the IWRM + 5 Conference of Ouagadougou in October 2003,
6 specific "areas of intervention" were raised,
corresponding to "the 6 pillars"
of the IWRM Initiative in Africa:
 - Enabling Environment and Institutional roles,
 - Mobilisation of financial resources,
 - Capacity building,
 - Assessment and monitoring,
 - Awareness and Confidence building,
 - Basin Management plans and Action plans.



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DAKAR, 03 – 07 November 2004



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**4 workshops will be organized to deal with
central topics for the implementation of
IWRM:**

- statutes and responsibilities of transboundary basin organizations,
- preparation of basin management plans and action programs,
- financing basin organizations and their programs,
- monitoring and information systems in the management of transboundary basins.



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4 ateliers de travail sont organisés sur des thèmes centraux pour l'application de la GIRE :

- Les statuts et les compétences des organismes de bassins transfrontaliers,
- L'élaboration des plans de gestion et des programmes d'actions de bassin,
- Le financement des organismes de bassin et de leurs programmes,
- Le monitoring et les systèmes d'information des bassins transfrontaliers.



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Our initiatives are open
to your participation :
your inputs are welcome !

<http://www.inbo-news.org>

***For developing and strengthening
basin organizations over the world***



THANK YOU FOR YOUR ATTENTION!

**International Network
of Transboundary Basin Organizations**



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International Network of Basin Organisations:

158 FULL MEMBERS or PERMANENT OBSERVERS
in 52 COUNTRIES!



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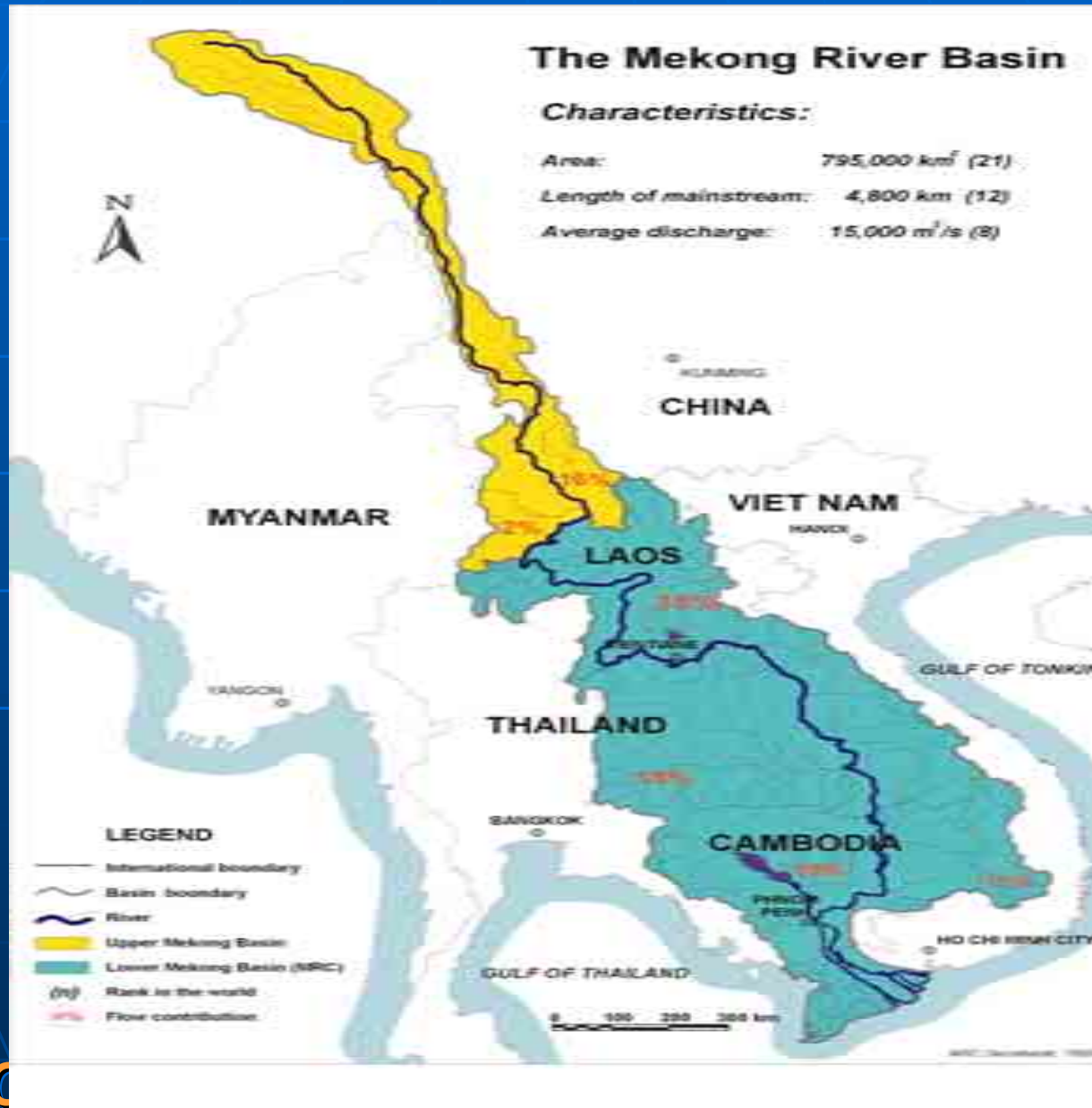
Permanent Technical Secretariat operated by International Office for Water, PARIS



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border



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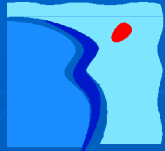
CONSEIL DE L'EUROPE



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THE NETWORK PARTNERS :

123 delegates of the governmental administrations responsible for managing water resources, and of the basin organizations coming from Algeria, Belgium (Walloon and Brussels-Capital Regions), Botswana, Brazil, Burkina Faso, Canada, Chad, Congo, Denmark, France, Greece, Hungary, Israel, Italy, Japan, Kenya, Lesotho, Mali, Mauritania, Mexico, Namibia, the Netherlands, Niger, Panama, Romania, Senegal, Serbia, South Africa, Spain, United States and Venezuela, and from the International Commissions or Transboundary Organizations for the Danube, Lake Chad, "Léman", Mekong, Niger, Orange, Rhine, Scheldt, Senegal, and the International Joint Commission, met in Thonon-les-Bains, on 25 and 26 November 2002



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INTERNATIONAL NETWORK of TRANSBOUNDARY BASINS ORGANIZATIONS

- **OBJECTIVES OF THE NETWORK :**
 - to participate in the national and international discussions on sound management of water resources and the integrated development of river basins and aquifers and to make a concerted effort towards international cooperation in these areas,
 - to develop exchanges of information, experiences and expertise between countries and organizations interested in managing transboundary river basins or aquifers,
 - to evaluate the activities undertaken and to disseminate the results, especially through publications and appropriate training programs.
 - to promote Integrated Water Resource Management at the level of river basins in bi and multilateral cooperation programs for sustainable development,



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- **OBJECTIVES OF THE NETWORK (2) :**
 - to facilitate the development of tools for institutional and financial management, program planning, the organization of databases and models adapted to the needs,
 - to promote training programs for the managers, executives and technicians of the member organizations and for elected officials and user representatives, especially industrialists, farmers or the managers of local facilities or utilities, etc,
 - to promote training and education of the populations concerned,
 - to develop actions and programs aiming to facilitate the creation and strengthening of transboundary basin or aquifer organizations over the world.



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THE NETWORK PARTNERS :

The Network would be open to:

- organizations capable of promoting and implementing integrated management of transboundary river basins and aquifers and to cooperation bodies they have developed among them,
- governmental administrations in charge of integrated water resource management in the countries involved in transboundary basins and aquifers and interested in setting up basin organizations,
- bi or multilateral cooperation organizations supporting activities to establish institutional structures at the large transboundary river basin or aquifer level.



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International Network of Basin Organisations, **OBJECTIVES:**



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- to develop relations between organizations interested in comprehensive water resource management at the river basin level,
- to favor exchanges of experiences and expertise among them,
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International Network of Basin Organisations, MEMBERS:



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- **“Basin Organizations”**, entrusted by relevant public administrations with integrated water resources management at the level of important river basins, either national, federal or transboundary, as well as the cooperation structures they have developed among them.
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Nombre de bassins internationaux par continent et pourcentage du territoire couvert.

	1978	1999	2002	Pourcentage du territoire
Afrique	57	60	59	62 %
Asie	40	53	57	39 %
Europe	48	71	69	54 %
Amerique du Nord	33	39	40	35 %
Amerique du Sud	36	38	38	60 %
TOTAL	214	261	263	45 %



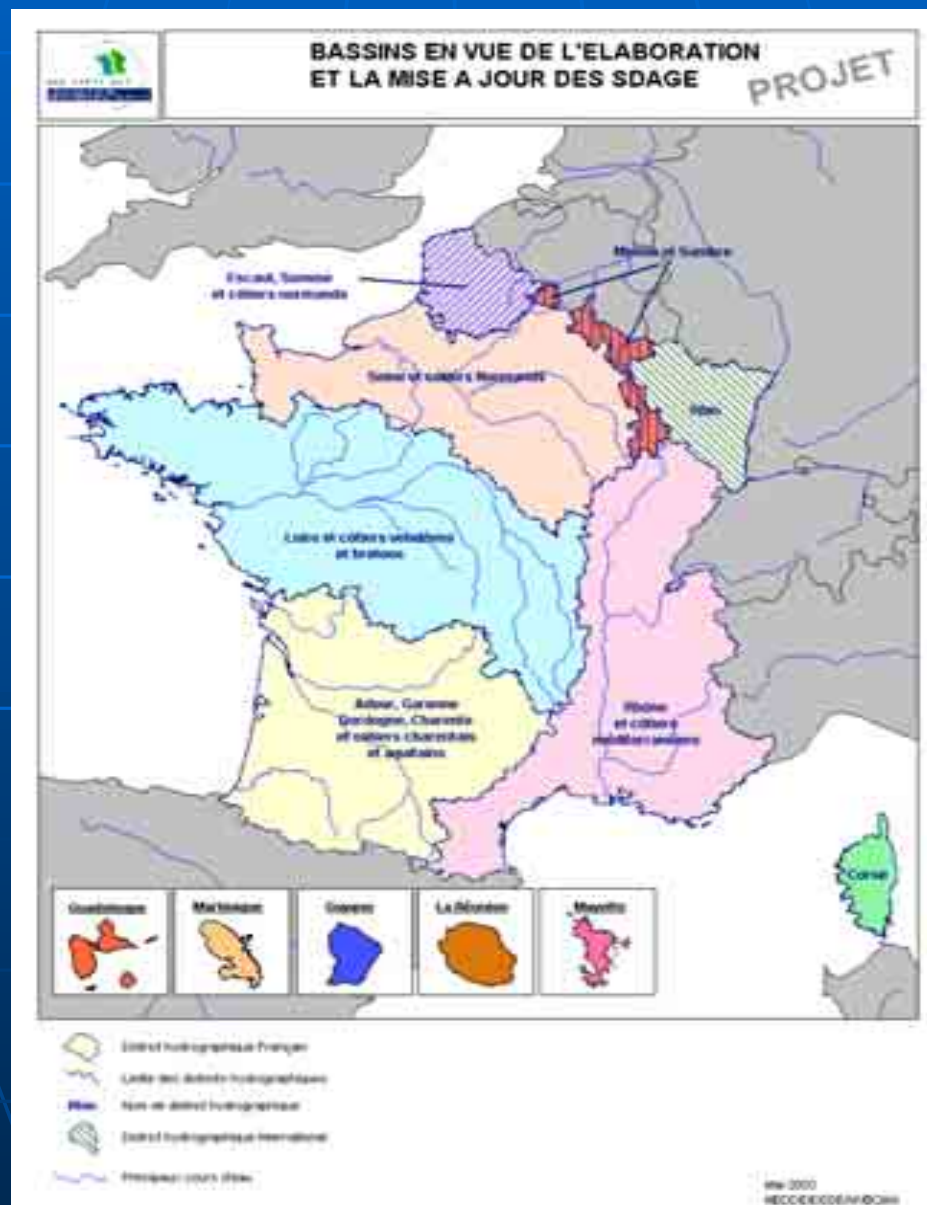
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les districts hydrographiques européens



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EN FRANCE :





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FOR AN INTEGRATED WATER RESOURCES MANAGEMENT :

- ◆ to control the natural phenomena and the risks of erosion, flooding or drought,
- ◆ to reliably and equitably meet the needs of urban and rural populations for good quality drinking water, in order to improve hygiene and health, and to prevent large-scale epidemics,
- ◆ to ensure sufficient food by improving agricultural land and irrigation while respecting the sustainable management of water resources and ecosystems,
- ◆ to harmoniously develop industry, energy production, recreational activities and, in some sectors, tourism and waterways transport,
- ◆ to prevent and control pollution of all kinds and origins in order to preserve the aquatic ecosystems, especially with a view to protecting fauna and flora and optimizing fish farming for food or sport, and generally, to meet the requirements of different uses and ensure appropriate land use planning of river basins.



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FOR AN INTEGRATED WATER RESOURCES MANAGEMENT (2) :

All these issues can no longer be tackled on a sectoral or local basis, nor separately from each others. On the contrary, to find a solution, national Authorities and local Powers must be brought together with the users and the civil society, in an integrated approach which respects the natural environment and which is organized at the river basin level.

In future, agreements and strategies, programs, financing and control should be designed at the river basin level.