

WELCOME IN FRANCE!

International Network of Basin Organizations Réseau International des Organismes de Bassin International Office for Water Office International de l'eau





Welcome address <u>Mr. Jean - François DONZIER</u> *General Secretary* <u>International Network of Basin Organizations</u> <u>- INBO -</u>

International Office For Water PARIS-FRANCE



International Office for Water Office International de l'eau



International Office for Water



AN ASSOCIATION OF 132 PARTNERS :

- Foreign public organizations : 35
- French public organizations and Ministries,
- Local authorities,
- Enterprises specialized in the water sector,
- Associations (sciences/environment).

WITH ASSIGNMENTS OF PUBLIC INTEREST:

Non-profit making,







al k n s



International Office For Water PARIS-FRANCE



THREE SPECIALIZED AREAS :

Data mangement & Information systems

Professional training Technical and Institutional support & cooperation

International

Organizations

Network

Of Basin

<u>A NETWORK STRENGTH</u> :

- Our Teams
- Our Partners

International Office for Water 1992 – 2017: 25 years ! Capacity building for better water management

1992

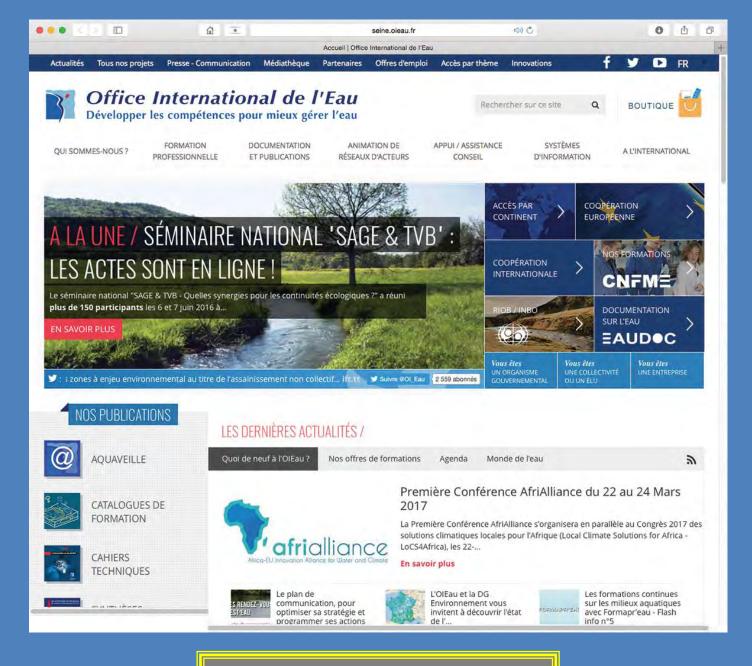
25 an

Office International de l'Eau

25 ans pour une meilleure gestion de l'eau dans le monde !

Développer les compétences pour mieux gérer l'eau

2017



www.iowater.org







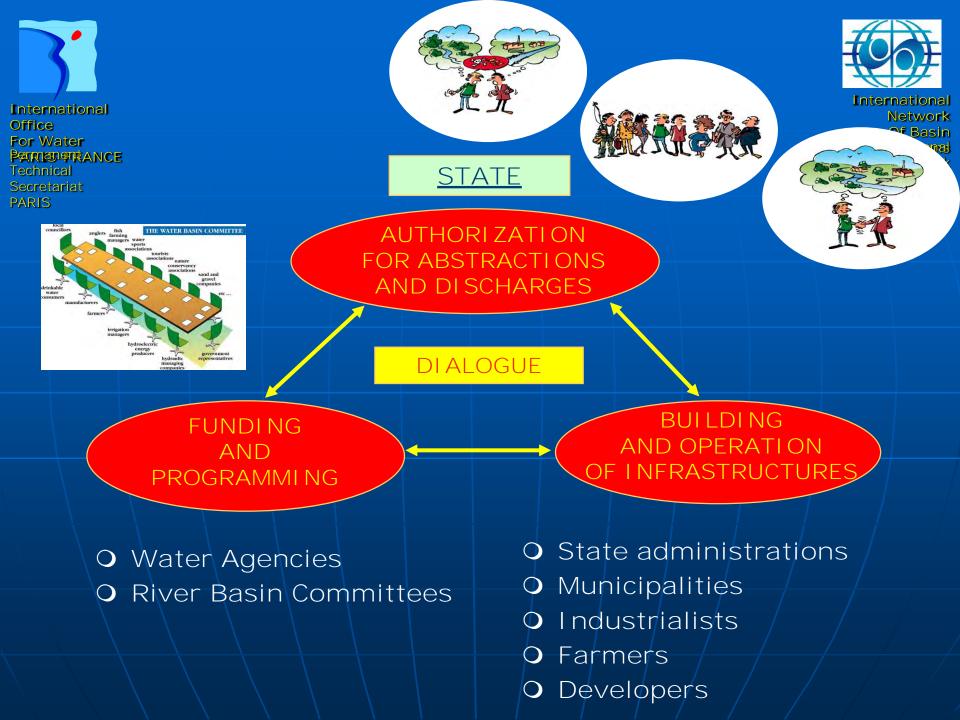
The French Water Information System



ÉTABLISSEMENT PUBLIC DE L'ÉTAT





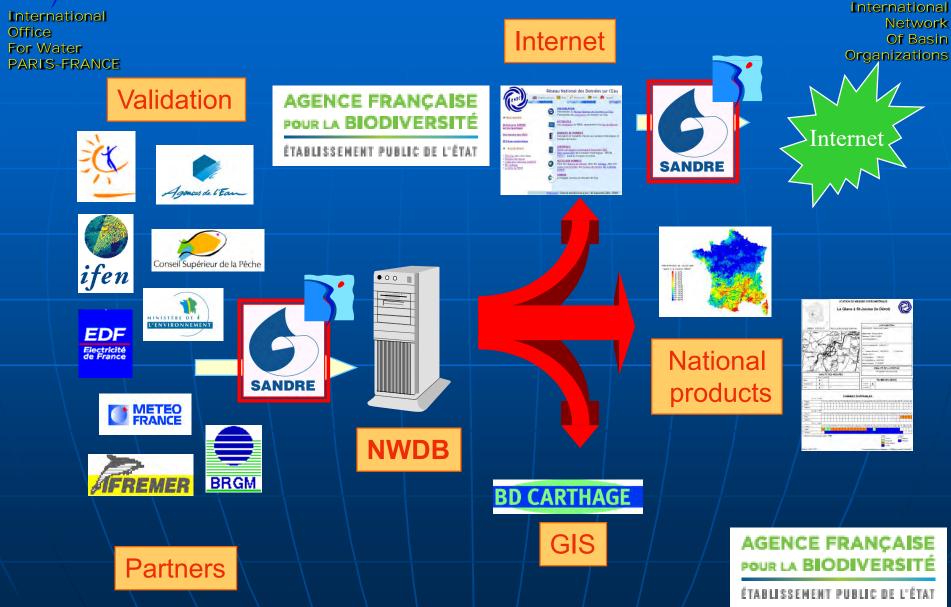






NATIONAL WATER DATA BANK











Office Of Basin In Europe, For Water **Organizations PARIS-FRANCE** 50,000 "WATER BODIES" have been identified: River WB = 27 455 European Hydro – eco-regio<mark>ns</mark> = 10060 Lake WB • Groundwater WB = 7 719 alluvial plains mediterranean crystallin relie mediterranean karstic plains HMWB/AWB = 5783 > IN FRANCE : River WB 3 522 \equiv Lake WB 471 -539 Groundwater WB = HMWB/AWB 912 = THE DEFINITION Good Status 984 = OF COMMON FRAMES At Risk 941 OF REFERENCES.



SEMIDE

www.semide.org Système Euro-Méditerranéen d'information sur les savoir-faire dans le domaine de l'Eau



نظام المع على ومات ألورو-متوسطي حول الم ارات في مج اللم ي اه



International Network Of Basin Organizations

شلبكة للوي قه ويات الأحواض

EMWIS

www.emwis.org

Euro-Mediterranean Information System on know how in the water sector



EURO-MEDITERRANEAN PARTNERSHIP



Professional training





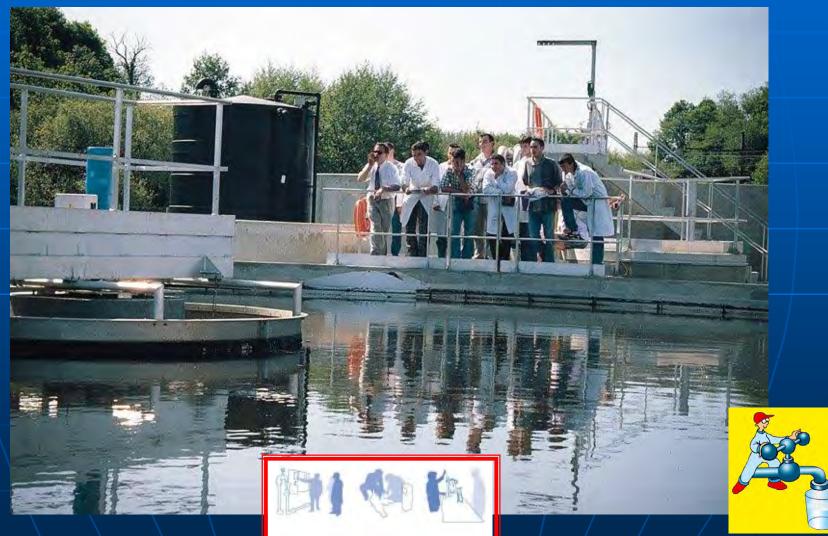
The French National Water Training Center







International Office For Water PARIS-FRANCE International Network Of Basin Organizations





International Office For Water PARIS-FRANCE

0





Network

Of Basin

Organizations

« NWTC » THE FRENCH NATIONAL WATER TRAINING CENTER

International

For Water

Office







0

International

PARIS-FRANCE

For Water

Office



International Network Of Basin Organizations















CATEC[®] Certificat d'Aptitude

à Travailler en Espaces Confinés



Formations professionnelles

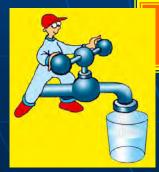
CNFME – Centre National de Formation aux Mélièrs de l'Eau 22 ruis - Charabetand 1970(3 unages Codes les 553114700 – Au 553114701 4541 : magestereteur : derenden ausgestereteur Contect : degs - CARA-Daues - information exports

CREATION OF NATIONAL TRAINING CENTRES FOR WATER PROFESSIONS OVER THE WORLD

International Office For Water PARIS-FRANCE International Network Of Basin Organizations

<u>The International Office for Water</u> <u>offers its support</u> <u>to the Capacity Building</u> <u>of associated Training Institutes</u> <u>all over the world .</u>

- ADMINISTRATION
- MANAGEMENT
- OPERATION
- MAINTENANCE



A GLOBAL APPROACH TO WATER RESOURCES MANAGEMENT













17-18-19 mars 2015 Montréal, Canada



+ •

+ +



Formations professionnelles



QUÉBEC'EAU

International Office For Water PARIS-FRANCE

Creation of « d'Hydrus-Brazil » Brasilia – 18 – 19 April 2017



International Network Of Basin Organizations





Saudia

Arabia











Algéria



111111











KENYA









INTERNATIONAL NETWORK

OF WATER TRAINING

CENTRES

TRAINING IN THE WATER SECTOR IS A PROFITABLE INVESTMENT!

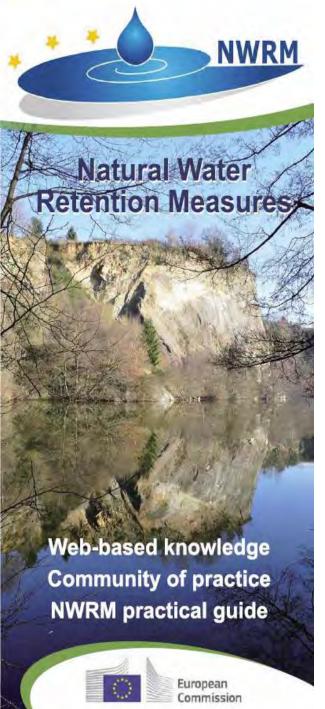


International Network Of Basin Organizations



16 countries:

Algérie, Benin, Burkina Faso, Kenya, Laos, Mali, Maroc, Pologne, Togo, Tunisie, Ouzbékistan, Viêtnam, France, Liban et Mexique...





Pilot Project - Atmospheric Precipitation -Protection and efficient use of Fresh Water: Integration of Natural Water Retention Measures in River basin management Service contract n°07.0330/2013/659147/SER/ENV.C1

The NWRM project Key elements

OIEau, Coordination team

Technical and Institutional support & cooperation











FOUR FIELDS OF ACTION FOR INSTITUTIONAL COOPERATION :

- LEGAL FRAMEWORK AND CAPACITY BUILDING, Implementation of EU Water Directives.
- INTEGRATED MANAGEMENT OF RIVER BASINS,
- ORGANIZATION AND MANAGEMENT OF MUNICIPAL WATER UTILITIES
- IRRIGATION AND RURAL WATER SUPPLY







Implementation of

the European Water Framework Directive in the 28 countries

of the enlarged European Union,

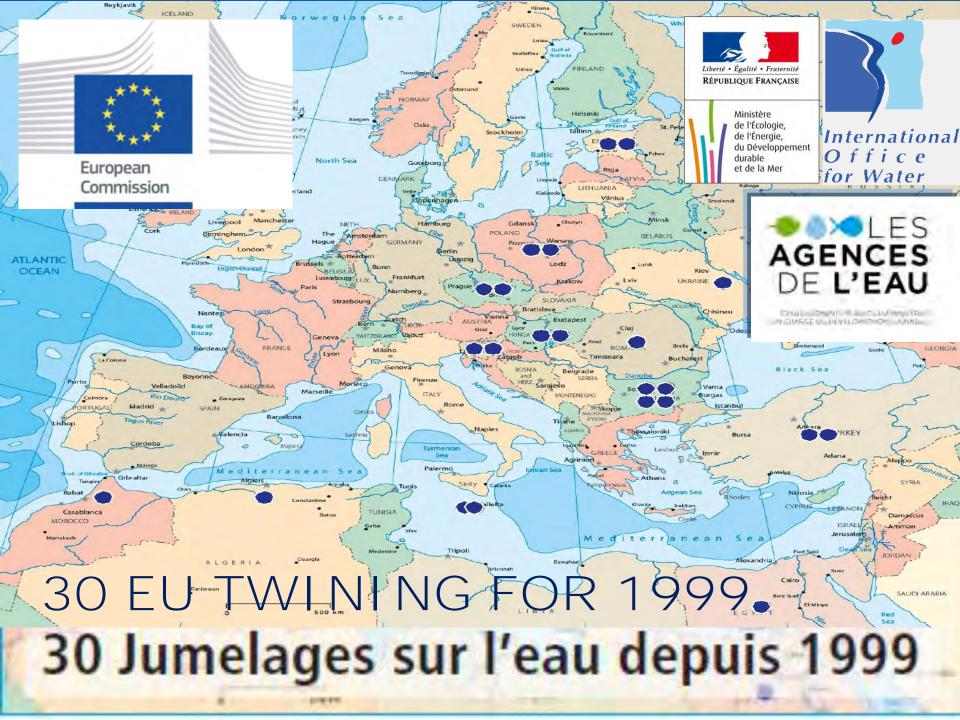
as well as in the candidate countries for accession,

is a major milestone for promoting

the principles of good governance,

Directive 2000/60/EC of 23 October 2000

establishing a framework for the Community action in the field of water policy.













EU MEMBER STATES CONSORTIUM:



INTERNATIONAL ORGANISATIONS:





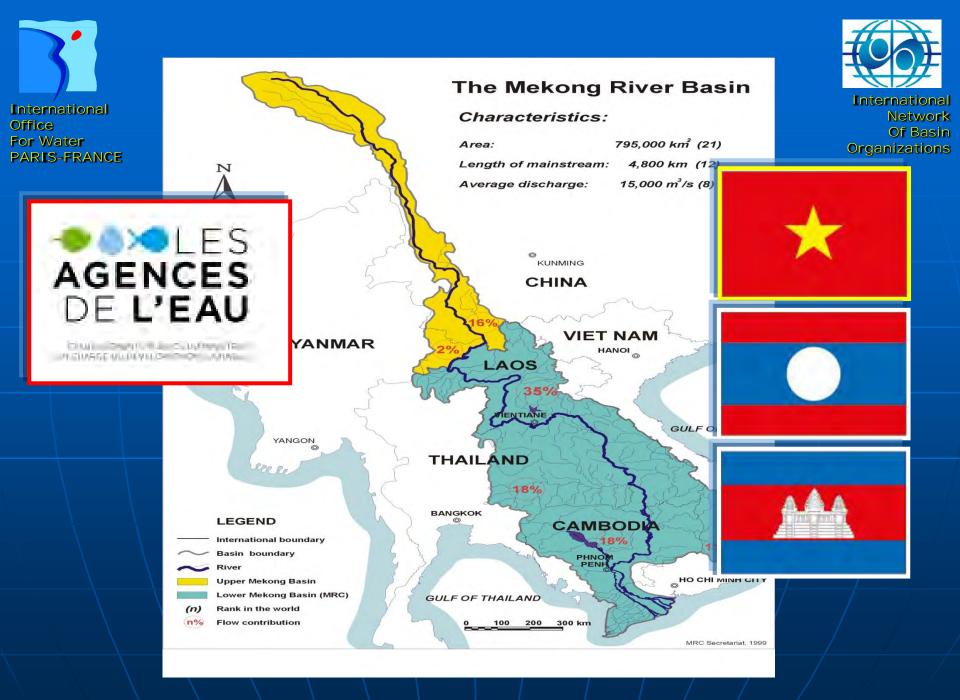


European Commission

unweltbundesamt[®]

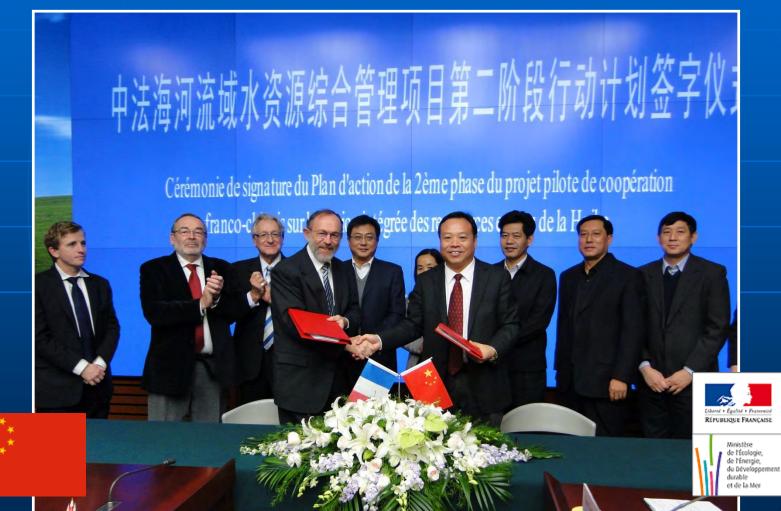








International Office For Water PARIS-FRANCE



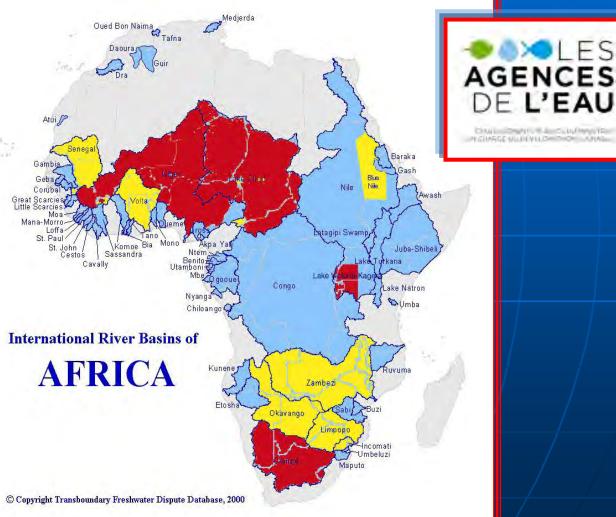


International Network Of Basin Organizations





Orange-Senqu, Lake Chad, Lake Victoria/Kagera, Niger, Congo and Volta, Etc...

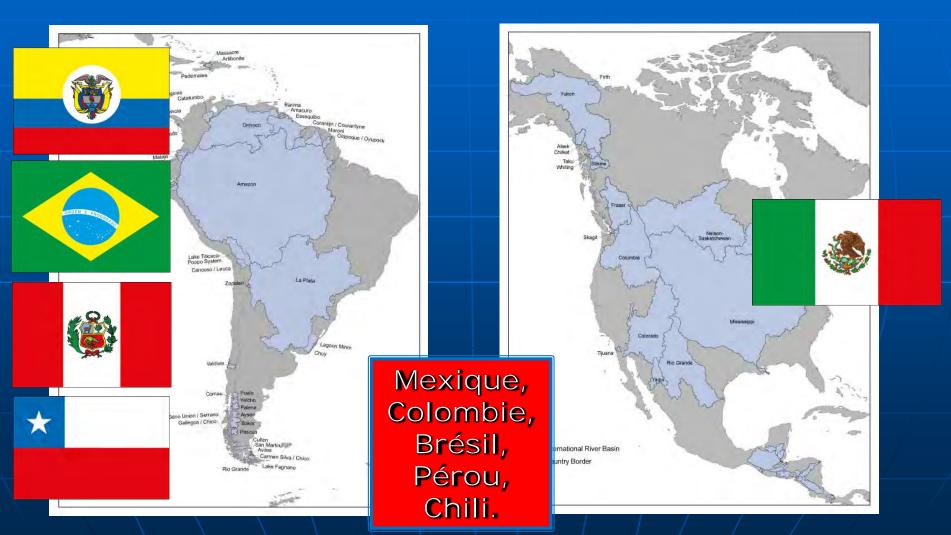














INTERNATIONAL NETWORK OF BASIN ORGANIZATIONS Created in 1994 to facilitate operational exchanges between BO



Network Of Basin Organizations



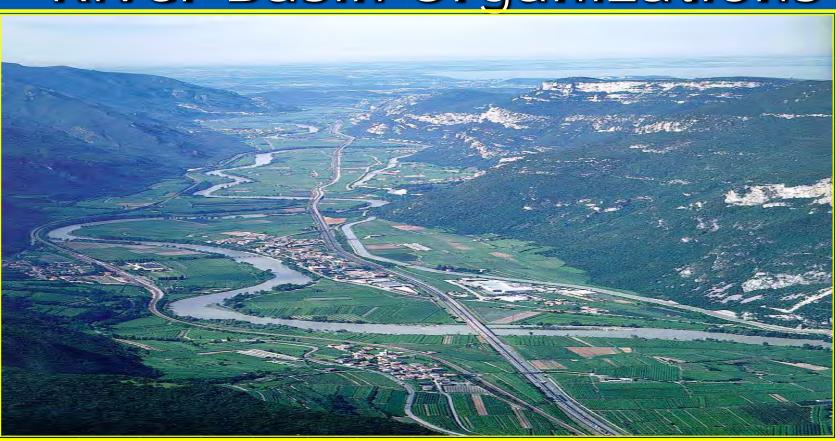
<u>192 FULL MEMBERS or PERMANENT OBSERVERS</u> in 81 COUNTRIES





Network

Developing and Strengthening River Basin Organizations





What do we consider as a Basin?



Organizations

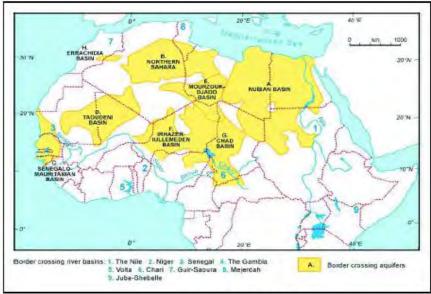
Of Basin

PARIS-FRANC The concept includes all water resources

SURFACE and







al

rk

in

FIGURE 1. Transboundary aquifers in N Africa

« Water has no boundary »

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



International Network of Basin Organisations, OBJECTIVES:



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



International Network of Basin Organisations, MEMBERS:



"<u>Basin Organizations</u>", 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.
 <u>the governmental administrations</u> 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 related to integrated and sustainable water resources management at the level of river basins.





The « EURO-INBO » Group

for the implementation of the European Water Framework Directive:



<u>The European Framework Directive:</u> the future of water resource management.



Strategic Coordination Group CIS priorities :



- Climate Change
- Droughts and Floods
- Intercalibration exercise
- WFD and agriculture
- Hydromorphology (hydropower and navigation)
- New Pilot River Basin exercise
- Reporting and WISE
- Priority substances / Chemical monitoring
- Cost effectiveness













TO: MR. JERN-FRANCOIS DONZIER FROM: DESA / STAT United Nations WW Nations Unies UNITED HATIONS NGO SECTION, DESA I UN Plaza, Room DC1-1477, New York, NY 10017 2631 BAY 30 🗭 5: 00 tel: (212) 963-8652 / fax: (212) 963-9248 www.un.org/esa/coordination/ngo e-mail: desangosection@un.org Monday, 21 May, 2007

Reference: Committee on Non-Governmental Organizations 2007 Resumed session (14-18 May 2007)

Dear Mr. Jean-Francois Donzier,

We are pleased to inform you that the Committee on Non-Governmental Organizations at its 2007 resumed session, on 14-18 May 2007, has decided to recommend that your organization "Réseau International des Organismes de Bassin" be granted special consultative status.

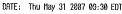
Please note that this recommendation is still subject to the approval of the Economic and Social Council, which will consider and take action on the Committee's recommendation at its substantive session, scheduled for 2-27 July 2007 in Geneva.

Once taken, we shall inform you of the Council's final decision on your application.

Sincerely yours.

Hanifa Mezoul, Chief Non-Governmental Organizations Section/DESA Room DC1-1480 Fax: (212) 963-9248 or 963-4114

Mr. Jean-Francois Donzier - Permanent Technical Secretary Réseau International des Organismes de Bassin 21, rue de Madrid 75008 Paris France FAX: (33) 1.40.08.01.45 EMAIL: inbo@wandoo.fr







Network Of Basin **Organizations**







for the international water courses management

in Europe – HELSINKY 1992

Network of Pilot Basin Organizations to test measures for adapting to climate change





Organisation des Nations Unies pour l'éducation, la science et la culture

December 2015 at COP21

WATER AND ADAPTATION TO THE EFFECTS OF CLIMATE CHANGE









Paris Pact on water and adaptation to climate change in the basins of rivers, lakes and aquifers

We, representatives of governments, international organizations, donors, national and transboundary basin organizations of rivers, lakes or aquifers, local authorities, of the civil society and companies, support the integration of fresh water into the Global Climate Action Agenda, especially for initiating or strengthening necessary adaptation actions in the basins of rivers, lakes, aquifers, large wetlands as well as coastal areas.

GENERAL STATEMENT

Climate change is already affecting and will increasingly affect the quantity and quality of freshwater and aquatic ecosystems, especially through the intensity and greater frequency of extreme hydrological events, such as floods and

so well as the increase in ocean level, which

357 SIGNATORIES!!

We recognize that adaptation actions should be undertaken without delay to minimize the impacts of climate change on the populations' health and safety, on economic development and the environment, considering the importance of the protection of water-related ecosystems.

The basins are natural areas where water flows on the surface and in the subsoil: they are the relevant territories for organizing water resources management.

We should act quickly before it is too late!

To that end, mobilizing new and increasing funding dedicated to climate change adaptation in basins is essential. Therefore, new basin organizations and existing ones should be financed and strengthened to facilitate the cooperation, coordination and exchange of information, dialogue, consultation and prevention of conflicts between stakeholders and to enhance the implementation of adaptation measures and the sharing of benefits on the basin scale,

We encourage donors to support prior assessments and actions for adaptation to climate change in basins,

Local authorities and communities, economic sectors and the civil society should be better associated and involved in basin management, including in the definition and implementation of adaptation measures.

Cooperation and exchange should increase between the institutions involved, especially among the basin organizations at the global and regional levels in order to facilitate the transfer of experience and know-how on best practices in basin management and adaptation to climate change.





















OCDE – WGI à RABAT 12 – 13 Janvier 2017



Organizations



International Office For Water PARIS-FRANC



Panel de Haut Niveau sur l'eau et la paix à Genève 27 Février 2017





Conférence des gra<mark>nds lacs africains</mark> à Entebbe 2 - 5 Mai 2017

9////







CONSERVATION AND DEVELOPMENT IN A CHANGING CLIMATE CONSERVATION ET DÉVELOPPEMENT DANS UN CLIMAT CHANGEANT





CONSERVATION AND DEVELOPMENT IN A CHANGING CLIMATE CONSERVATION ET DÉVELOPPEMENT DANS UN CLIMAT CHANGEANT







EECCA – NBO General Meeting à Moscou 18 – 19 Mai 2017



IWRA International Forum À CANCUN 29 Mai - Juin 2017



















INBO ACTION PLAN LE PLAN D'ACTION DU RIOB

"DEVELOPING AND STRENGTHENING RIVER BASIN ORGANIZATIONS"

ASSOCIATED PROGRAM : "DEVELOPING AND STRENGTHENING RIVER BASIN ORGANIZATIONS"



PROGRAMME ASSOCIE : "DEVELOPPER ET RENFORCER LES ORGANISATIONS DE BASSIN"





"DEVELOPING AND STRENGTHENING RIVER BASIN ORGANIZATIONS"

4 MAIN EXPECTED OUTPUTS:

- Direct cooperation established between existing, future or pilot basin organizations through twinning agreements;
- Mobilization within existing basin organizations of professional assistance capacities in order to facilitate the setting up or development of new basin organizations and the debate on their management options;
- □ A synthesis of available knowledge and know-how, of best practices, preparation of recommendations or guidelines and drawing-up of training modules;
- The networking of water documentation systems to share and get access to useful institutional, legal, economic and technical information at the international level:



Associated Programme GWP-INBO 4 main fields of collaboration



International Network Of Basin Organizations

Output 1:

Promoting Twinning between Basins Organizations for Developing Integrated Water Resources Management best Practices

Direct experiences sharing

Exchange of decision-makers and technicians....









Associated Programme GWP-INBO



4 main fields of collaboration

International Network Of Basin Organizations

Output 2:

Capacities mobilisation

from Basin Organizations:

Assistance with the implementation of <u>institutional reforms</u>,

- Initiation of <u>basin pilot projects</u>,
- Support to countries sharing <u>a transboundary basin</u>,
- Assisting with the <u>setting-up of</u> new basin organizations,
- Professional training <u>of technical teams</u>,



Associated Programme GWP-INBO



4 main fields of collaboration

International Network Of Basin Organizations

Output 2:

<u>Capacities mobilisation</u>

from Basin Organizations

Design of monitoring networks and databases,

Assesment to <u>planning process</u>,

- Establishment of institutional mechanisms for users' <u>participation</u> in decision-making,
- Financial and economical studies,
- Assisting with the <u>setting-up of new water taxes</u>...

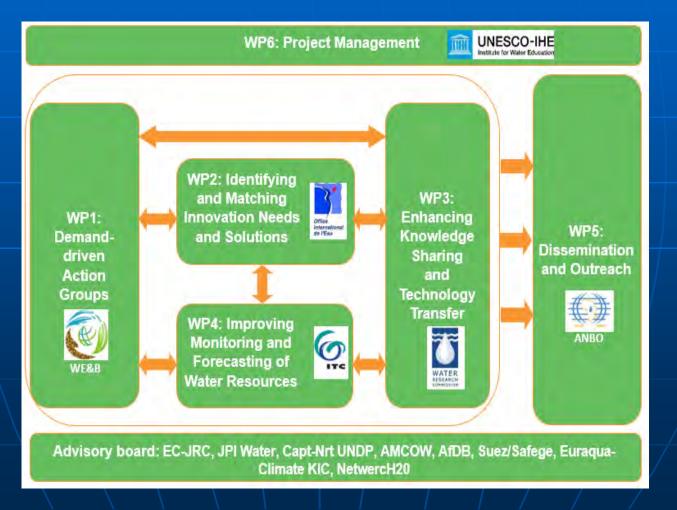
"THE PEER REVIEW MECHANISM"

For mobilizing the practitioners of RBDs and their competent authorities which will voluntarily submit RBMPs to the review performed by experts from other similar authorities of other EU Countries





Afri-Alliance (Afri-EU Innovation Alliance for water and Climate)



Phase 1:2017



Detection/analysis of projects



Incubation of selected projects **Developping links with donors** Interfacing project holders/donors





GREEN CLIMATE FUND



Bank

The Ell ban Investment





COP23 Roundtable with donors





Associated Programme GWP-INBO



4 main fields of collaboration

International Network Of Basin Organizations

Output 3:

Synthesis of knowledge

and Know-How:

To identify good practices,

 To set common, easily accessible and measurable performance indicators,

 To train staff and stakeholders from basin organizations,



ACP-EU WATER FACILITY / ACTIONS IN ACP COUNTRIES Development of IWRM performance indicators for African Transboundary Basins management



KPI Project: Key Performance Indicators











10 pilots basins in 1ère phase:

- Niger (ABN / NBA) Volta (ABV / VBA)
- Lac Vi<u>ctoria (LVÉC)</u>
- NII (NBI)
- Congo (CICOS)
- Séněgal (OMVŠ)
 Gambie (OMVG)

- Okavango (OKÁCOM)
 Orange (ORASECOM)
 Lac Tchad (CBLT / LCBC)





And, of course!

Manual para la Gestión Integrada de Recursos Hídricos en Cuencas







Manuel de Gestion Intégrée des Ressources en Eau par Bassin



















интегрированному управлению водными ресурсами в бассейнах

« The Handbook» INBO/GWP

Still translated in nine foreign languages!





Руководство по

A Handbook for **Integrated Water Resources Management in Basins**









The International Network of Basin Organizations (INBO), The Global Water Partnership (GWP), The French Development Agency (AFD), The GEF, UNESCO and UNECE,



..........



THE HANDBOOK FOR INTEGRATED WATER RESOURCES MANAGEMENT IN TRANSBOUNDARY BASINS OF RIVERS, LAKES AND AQUIFERS



















TRADUCESTRATES PROLIC OF COTAT







THE HANDBOOK

OF WATER-RELATED DATA

1000

March 2018

ON WATER INFORMATION SYSTEMS

ADMINISTRATION, PROCESSING AND EXPLOITATION





THE HANDBOOK FOR THE PARTICIPATION

OF STAKEHOLDERS AND THE CIVIL

LAKES AND AQUIFERS

March 2018

SOCIETY IN THE BASINS OF RIVERS.





Associated Programme GWP-INBO



4 main fields of collaboration

International Network Of Basin Organizations

 Output 4 :
 <u>The networking of water</u> <u>Information- documentation</u> <u>systems</u>

- Exchange of information and documentation,
- Assistance with the structuring of the National Relay Documentation Centers,
- >SEMIDE or AWIS



SEMIDE

www.semide.org Système Euro-Méditerranéen d'information sur les savoir-faire dans le domaine de l'Eau



نظام المع على ومات ألورو-متوسطي حول الم ارات في مجال لم ياه



International Network Of Basin Organizations

بشلبكة للاهي قره وعات الأحواض

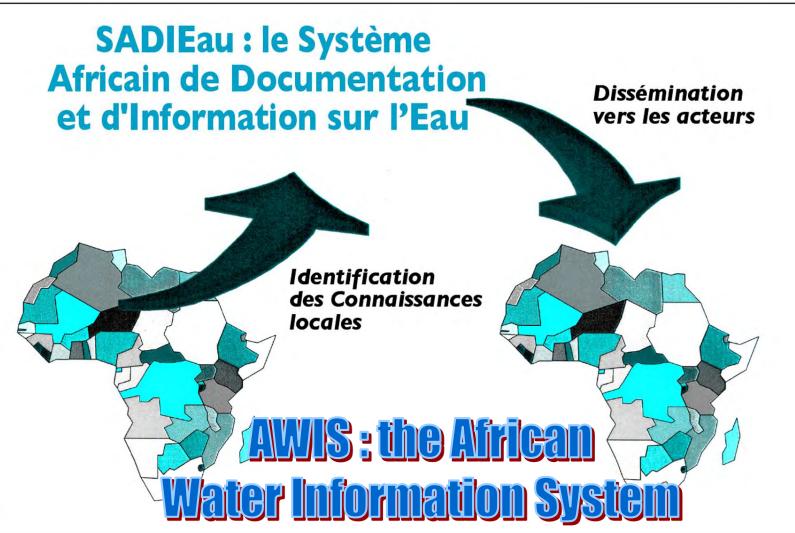
EMWIS

www.emwis.org Euro-Mediterranean Information System on know how in the water sector



EURO-MEDITERRANEAN PARTNERSHIP





THANK YOU FOR YOUR ATTENTION! www.inbo-news.org www.iowater.org

mail: inbo@inbo-news.org secretariat@iowater.org

International Network of Basin Organizations Réseau International des Organismes de Bassin International Office for Water Office International de l'eau