

# Nature Based Solutions for WATER SECURITY and ECOLOGICAL SECURITY



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# Purpose of the session



Clear evidence and guidance on how investments in NAture can address the critical interlinked crisis of water security, biodiversity loss and climate change.

- Investing in Nature provides multiple benefits
- Clear business case and planning clarifies these benefits for multiple stakeholders
- Scaling NbS requires restructuring governance, finance and building capacities
- Unique role of the public sector in connecting different policies

# The Water and Nature Action Plan



## The Water and Nature Declaration:

- an initiative of the **World Water Council (WWC)**, **The Nature Conservancy (TNC)** and **OIEau/INBO**
- which aims to strengthen the links between water practitioners and the nature community and foster a new level of collaboration.
  - **Only by breaking down barriers and working closely together can we deliver water security and ecological security for all.**

| TITRE DE LA PRÉSENTATION |

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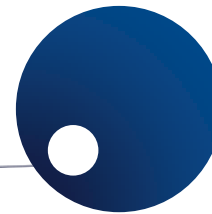
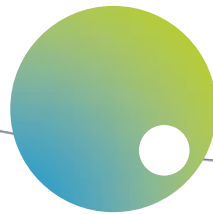
[Read the Declaration](#)

**We've reached a hundred signatories since its launch in September 2021  
at the Nature Congress**

# The Water and Nature Action Plan



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The initiative stimulated **high level discussion regarding Water and Nature synergies** at the 9th World Water Forum in Dakar, Senegal.

Throughout the world, **institutions, local stakeholders and private sector are integrating more and more the challenges of ecological security and water security into their activities.**

In parallel, **Nature-based Solutions (NbS) have proven their relevance and are mainstreamed into more and more public interventions related**

However, additional progress needs to be made:

- **political convergence must be translated into operational measures on the field,**
- **the development of NbS requires further institutional, financial and technical support,**
- **new business models have to be created and developed to strengthen NbS large-scale implementation.**

# Implement the Declaration: 3 goals by 2025



1

## Water and Nature policies are better integrated

water measures are beneficial to nature, and ecological measures are beneficial to water resources

2

## Nature based solutions are recognized as a cost-effective relevant approach

to tackle water and nature issues, when implemented based on the most ambitious standards

3

## Innovative and relevant NbS business and other models

are broadly recognized and adopted, enabling their wide dissemination in various contexts

# 4 cross-cutting actions



1

## Advocacy for convergence of public policies and mainstreaming of NbS

Political leadership is required to multiply and scale interventions that align water and nature. Agenda setting global frameworks and forum are key to advocating for and supporting innovative approaches within countries and basins. This action will be coordinated by the WWC, OiEau and TNC, and with the support of the Water and Nature Task Force and will build on the experience of the Declaration signatories. The 10th World Water Forum will be a major milestone in this action.

In this context, high-level reflection will be stimulated on:

- the integration and coherence of water and nature policies,
- the mainstreaming of NbS in policy frameworks,
- innovative NbS business models,
- the development and implementation of NbS development in a context of economic, social and environmental constraints.

2

## Promotion of Nature-based solutions

Consistent with the Water Agenda Commitment, a roundtable will be organized at the 10th World Water Forum to assess the progress made in the implementation of the commitments, take stock of funds mobilized, and encourage further funding pledges.

A world tour of “NbS for water champions” will be organized, in order to broadcast innovative and exemplary cases, with a great attention to demonstrating their replicability. As a result, a prize ceremony will be sponsored at the 10th World Water Forum to celebrate the best cases.

Communication material and recent publications will be provided to the community of Declaration signatories, so they will be able to play an active role in the promotion of NbS worldwide.

# 4 cross-cutting actions



3

## Support to governments, organizations, and companies that are implementing NbS or supporting project leaders

Relevant existing guidelines will be promoted. Additional guidelines will be produced on needed topics, such as policy innovations.

Case studies with countries or local authorities engaged in legal, regulatory or governance reforms aiming at better integrating water resources management and biodiversity preservation will be inventoried, documented and broadcasted.

A cycle of online events will be organized to favor peer-to-peer exchanges between water and nature practitioners, with focuses on specific issues and difficulties, and dedicated to different targeted audience: drinking water supplier, ecological engineer, agriculture sector, etc.

An offer of online training will be designed and proposed to potential project leaders, to support their skills development.

4

## Stimulate engagement of Declaration signatories

Declaration signatories are engaged in implementation of one project leading to better integration of water and nature outcomes. Follow-up will be made with signatories to collect information on the implementation of the projects, based on an online form and active animation of the community. If funding permits, the Partnership will launch a modest Catalyst fund to support actions by community members to implement document and disseminate projects that mainstream NbS.

# The 2023-2025 Action Plan



The implementation of the Water & Nature action plan will benefit from:

- Leadership from the World Water Council, supported by OiEau, INBO and TNC,
- Investment of the World Water Council Task Force dedicated to ecological security and water security, to be formalized in the frame of the World Water Council.

| TITRE DE LA PRÉSENTATION |

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These actions will be conducted coherently with other priorities from the World Water Council, such as integration of Youth in water actions.





# Basin Segment Roadmap World Water Forum, Bali 2024

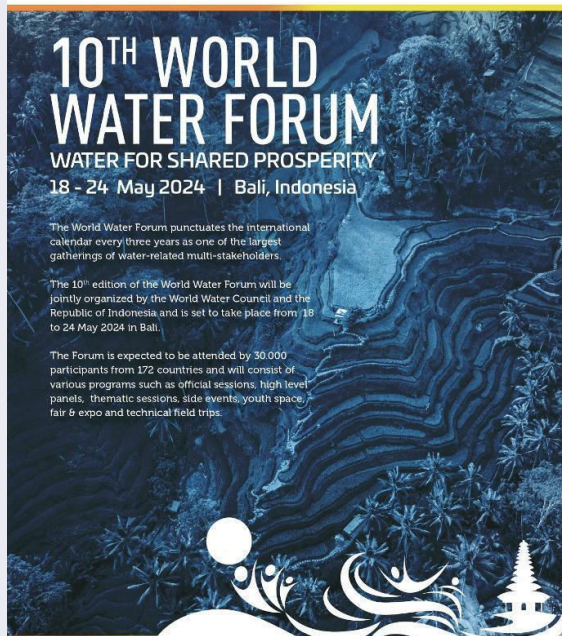
within the political process



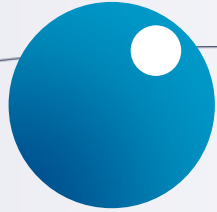
# A political segment dedicated to basin approaches/organizations



- INBO in charge of the preparation
- Memorandum of Understanding (MoU) signed in July 2023 with Indonesia and World Water Council
- Second stage of implementation of the Dakar Action Plan for River, Lake and Aquifer Basins
- « Twin Basin Initiative »



# INBO in charge of the preparation



**Memorandum of Understanding signed in July at the 3rd International Conference on Water and Climate, Fez, Morocco**



# Objectives for the World Water Forum in Bali

## I. The organization of a "basin segment" day



1

### Integrated into the political process

- Governments
- Parliamentarians
- Ministers
- Local authorities

2

### Connected with thematic processes

- Water Security and Prosperity
- Water for Humans and Nature
- Disaster Risk Reduction and Management
- Governance, Cooperation and Hydro-diplomacy
- Sustainable Water Finance
- Knowledge and Innovation

3

### In connection with the regional process

- Opportunity of a specific initiative in Asia ?
- About dissemination of basin level approaches ?



# Objectives for the World Water Forum in Bali

## II. The adoption of a Bali Basin Action Agenda



1

### Implementation of Phase 2 of the Dakar Action Plan for Rivers and Lakes

- In the Water Action Agenda <https://sdgs.un.org/partnerships/dakar-action-plan-basins-lakes-rivers-and-aquifers>
- Join the Action Plan: <https://www.riob.org/fr/riob/initiatives-internationales/le-riob-au-coeur-de-linitiative-plan-daction-de-dakar-pour-les>

2

### Mobilization of the various supporters and "basin champions"

3

### Announcement of the launch of a World Basin Twinning Program during the forum

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# Principles for action of the Dakar action plan for basins



**Basin organizations are peacemakers and accelerators of sustainable development. National or transboundary, they are, by construction, multi-stakeholder platforms. They are places for dialogue, between countries on a transboundary scale, between users and water stakeholders on a sub-national scale.**

**In order to accelerate the achievement of SDG 6.5.1 (“Degree of implementation of integrated water resources management”) and 6.5.2 (“Proportion of transboundary basins where an operational arrangement for water cooperation is in place”), it is important to develop these scales of sharing and solidarity. Cooperation at the level of river basins has proved its worth and brings concrete benefits to the populations. They are relevant structures to ensure a joint and sustainable management of surface and groundwater resources and lead ambitious actions of adaptation to climate change.**

**On a transboundary scale, cooperation facilitates a shared vision of the use of water resources, pressures and uses; it brings more means by the mutualisation of technical and human resources and hydraulic infrastructures, when they are necessary, thanks to a concertation on their location; the experiences on hydraulic infrastructures common to several countries, their successes (sharing of benefits, peace preservation ...) and difficulties must be more widely shared.**

**The United Nations Water Conventions (1992, 1997) are valuable tools for improving this cooperative and integrated management of transboundary basins.**

**More complementarity is needed between transboundary and national basin approaches.**

# What are the objectives of the Dakar Action Plan for basins?



VIA BASINS



**ACCELERATE THE  
ACHIEVEMENT OF  
WATER-RELATED SDGS  
IN PARTICULAR 6.5.1 AND  
6.5.2**



FOR BASINS

# Initiative







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