



REPORT ACTIVITY

Sebou Water Fund



2019-2023

Living Planet Morocco | 2024



**MoUs signed with
public partners**

MoU Sebou Water Fund – July 2021



MoU for the restoration of Aoua Lake – December 2022



MoU between LPM and the National Agency of Water and Forest – February 2023



MoU between LPM and the Sebou Basin Agency – May 2023



The Sebou Water Fund in numbers

2

Conservation programs :

- Freshwater
- Biodiversity

1

Sustainable finance mechanism

19

Micro-projects funded in favor of local population (NGOs, Cooperatives, Federations, etc.)

6

National conservation macro-projects to protect water resources and restore nature

3

International cooperation projects and initiatives: Mediterranean, MENA and Africa

1

Capacity building and awareness program



Sustainable Finance Mechanism

The Sebou Water Fund is a sustainable finance mechanism, based on payment for Ecosystem Services, which allows the conservation of water resources, the restoration of biodiversity and the preservation of the socio-economic and cultural activities. The Sebou Water Fund is the first of its kind in the MENA/Europe region.

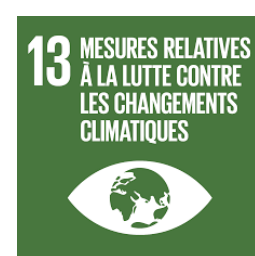
Depending on the interest of the donors, funds will be allocated to either :

Water and
Wetlands

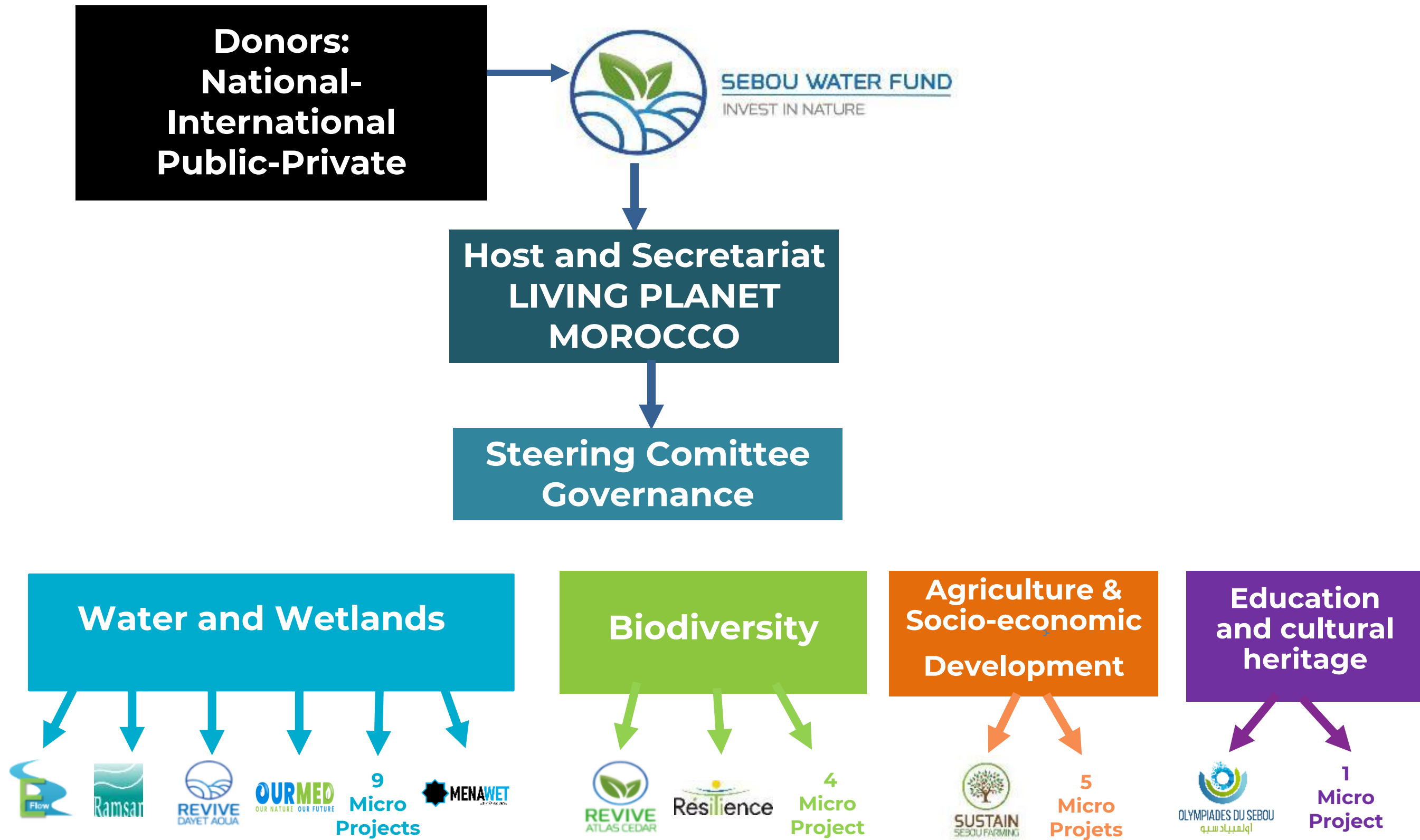
Biodiversity

Agriculture &
Socio-economic
Development

Education and
cultural
heritage



Sebou Water Fund



Composition and mission of the Steering Committee

Representatives of:

The Water Department, ABHS, the Ministry of Agriculture, the National Agency of Water and Forest, the Ministry of Interior, the Ministry of Tourism & LPM.

The main missions of the Steering committee are to:

- Ensure SWF Governance
- Provide technical support when needed
- Select the projects that will be funded
- Facilitate authorizations and legal procedures



**19 micro-projets
In favor of
local population**

Selection of micro-projects

19 projects were selected by the SWF Steering Committee to demonstrate how the conservation of water and soil, the sustainable agriculture, the protection of biodiversity and the restoration of ecosystems, can secure water supply.

5 pillars:

- Sustainable use of water and soil.
- Promotion of sustainable agricultural practices.
- Conservation and restoration of rivers and wetlands.
- Protection and sustainable management of biodiversity.
- Environmental education and promotion of the natural and cultural heritage.

Micro-projects

Launch of the 1st round of grants for local population in 2019, and phase 2 in 2021.



1

Restoration of Aguelmam N'tighalouine Lake



Beneficiaries: 500 inhabitants, 100 households and more than 6,500 head of livestock

2

Construction of a water reservoir to collect rainwater and runoff for Lahrouch community



Beneficiaries: 300 livestock breeders and more than 16,000 head of cattle

3

Construction of a water reservoir to collect rainwater and runoff for Ait Mouli community



Beneficiaries: 200 livestock breeders and more than 9,000 head of cattle

4

Construction of a water reservoir to collect rainwater and runoff in Timahdite



Beneficiaries: 250 livestock breeders and more than 5,500 head of cattle

5

Construction of a water reservoir to collect rainwater and runoff for Ait Mhamed community (Ongoing)



Beneficiaries: 300 livestock breeders and more than 16,000 head of cattle

6

Construction of a water accumulator (Matfia)



Beneficiaries: 20 households, 120 breeders and more than 3,600 head of livestock

Construction of a drinking water reservoir at Tasmakt community



Beneficiaries: 250 inhabitants, 30 households and more than 5,000 head of livestock



Beneficiaries: 60 members of the El Hajjaj association and the Aseklou Loutid cooperative



Beneficiaries: Residents of villages on collective land in the Lahrouch chiefdom

10

Development of model orchards for the cultivation of Climate-resilient Almond Trees



Beneficiaries: Members of the El Rabie cooperative and residents of the village of Tagnit

11

Organic farm of aromatic and medicinal plants and forest trees for Women-led Cooperative Ennajah



Beneficiaries: Residents of the village of Ait Amrou Aissa Adghagh and women members of the Ennajah



Beneficiaries: 100 Women

Awareness and education on the importance of water resources in rural schools





Beneficiaries: 18 direct beneficiaries and the entire population of the Hejjaj fraction (indirect)



- 1 pilot plot accessible to other beneficiaries
- Evaluation and analysis of water and soil
- Upgrading the irrigation system
- Installation of a capacitive probe
- Capitalizing on data to optimize irrigation





- 4 plots for the 4 fractions of the local community
- Evaluation and analysis of water and soil
- Upgrading the irrigation system
- Demonstration of the compatibility between yield and rational irrigation
- Involvement of ONCA partners

Beneficiaries: Ait Idir, Ait Daoud or Moussa, Hejjaj and Ait Arfa fractions

Comparison of drippers with different flow rates



- 1 pilot plot accessible to members of local communities.
- Use of tensiometers to monitor 3 lines irrigated with drippers at different flow rates.
- Comparison of yield and production parameters.
- Demonstration of water saving possibilities.

Beneficiaries: Apple growers in the Commune of Dayet Aoua



- 1 pilot plot accessible to members of local communities.
- Use of tensiometers to monitor 3 lines respectively irrigated at 100% and 80% of the ET0.
- Comparison of yield and production parameters.
- Demonstration of water saving possibilities.



- 1 pilot plot accessible to members of local communities.
- Comparative use of 3 types of biostimulants for 2 varieties of apple trees.
- Comparison of yield and production parameters.
- Demonstration of water saving possibilities.

Beneficiaries: Community of Ait Idir and Hejjaj

...

**6 national conservation
macro-projects to protect
water resources and
restore nature**

1

Designation of 14 new Ramsar sites and 1 Ramsar city (Ifrane)



In partnership with the National Agency of Water and Forest and the Province of Ifrane

1

Designation of 14 new Ramsar sites and 1 Ramsar city (Ifrane)



Celebration of the designation of Ifrane with the Governor of Ifrane and the Director of ANEF in February 2023.

1

Designation of 14 new Ramsar sites and 1 Ramsar city (Ifrane)







Launch of the restoration activities in the pilot site Aoua Lake

In partnership with the Ministry of Water



Article 97 of Water Law 36-15 states that:

“ A minimum flow is maintained, depending on the season, downstream of the hydraulic structures for storage, diversion or removal of water, at the watercourse level. the methods for determining and maintaining the minimum flow are fixed by state regulation “

Phase 1: Activities completed

- Pilot Study conducted in Allal El Fassi Dam in the Sebou Basin (hydrology, macroinvertebrates, fish, vegetation and water quality) and results shared during a national workshop.
- Elaboration of the E-flow National Guide in collaboration with the department of water.

Phase 2: Actions futures

- Draft texts of law
- Organize a national workshop and train Water Managers on E-flow
- Test E-flow in at least one dam in the Sebou.

Conservation of the biodiversity of the Atlas Cedar Biosphere Reserve



In partnership with ANEF and 3 National Parks of Ifrane, Khénifra and Haut Atlas Oriental

Conservation of the biodiversity of the Atlas Cedar Biosphere Reserve



Conservation of the biodiversity of the Atlas Cedar Biosphere Reserve



Equipment (Outfits, field material, binoculars...) and technical support of 25 Ecoguards

Conservation of the biodiversity of the Atlas Cedar Biosphere Reserve



Support the salaries of 7 Ecoguards during 3 years and half



Organisation of capacity building workshops and exchange visits in Agadir in favor of the farmers of the 3 lakes of Imouzzer Kandar. In partnership with ONCA.



Establishment of a network of 3 meteorological stations in the 3 lakes Hachlaf, Ifrah and Aoua, which continuously measure environmental parameters (wind speed and direction, solar radiation, air temperature, water and soil, relative humidity, precipitation, and atmospheric pressure, etc.) linked to evapotranspiration. This data is transmitted daily to 40 Farmers for a prepaid period of 3 years.



Establishment of a network of 3 display panels of data generated by the 3 meteorological stations for the benefit of farmers of the 3 lakes.

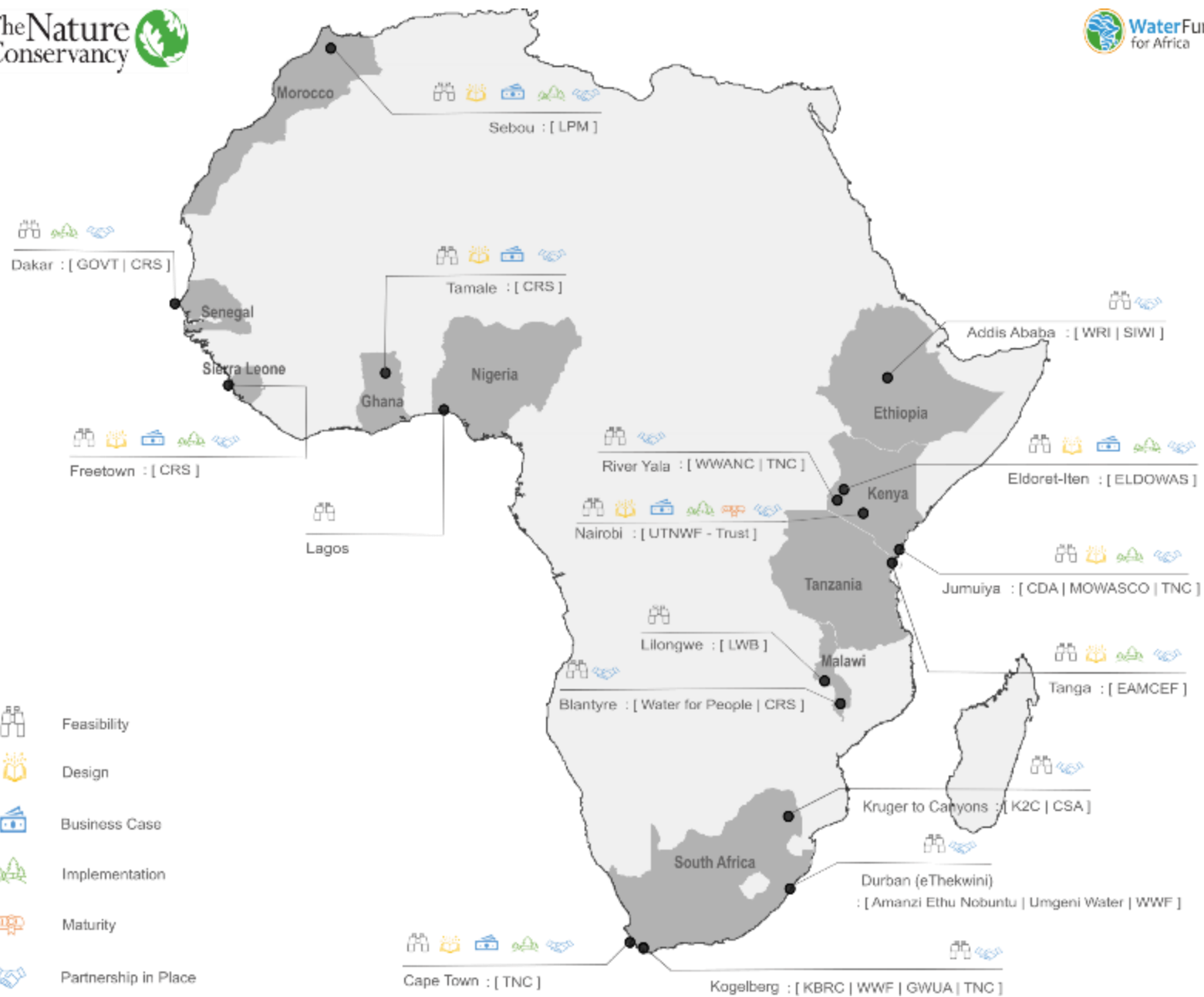


Creation of a network of 25 NGOs working on NbS in the Sebou basin. Identification and implementation of demonstration NbS projects supported technically and financially.

financièrement.



International Cooperation



WaterFunds
for Africa

Network

Water Funds for Africa

LPM is a member of the steering committee of the Water Funds for Africa network initiated by The Nature Conservancy (TNC) and collaborates actively with 10 African countries to develop and implement water funds in the continent.

1 Water Funds for Africa network



Exchange visit between Moroccan public partners and Kenya's water authorities

This project addresses urgent water management challenges in the Mediterranean region by developing integrated, nature-based solutions, incorporating advanced technologies, stakeholder collaboration, and adaptive strategies for equitable water storage and distribution.

This project is funded by the EU (PRIMA) and implemented in partnership with 14 Mediterranean partners.





Launch of the project in Tunisia in June 2023

MENAWET is a cross-sectoral project whose main mission is to protect and restore wetlands and freshwater ecosystems in the Middle East North Africa region (MENA).

The first phase aims to create a MENA collaboration network and to implement 4 wetlands restoration projects in 4 pilot sites: Morocco, Tunisia, Libya and Jordan. (Official Launch of the project January 2024)



MENAWET



Geographical area



Capacity building program and awareness

1

Public partners










2024
Avril
12
14:00 > 15:00
GMT

DIMFE
ÉQUIPE ET VOUS POUR L'ÉCONOMIE RURALE ET LA PÊCHERIE DURABLE

WEBINAIRE 1
"ZONES HUMIDES ET POLITIQUES DE GESTION DE L'EAU EN MÉDITERRANÉE"



Oussama BELLOULID

MODÉRATEUR
COORDONNATEUR GÉNÉRAL
ÉQUIPE DIMFE
(BORDJ, ALGÈRE, ALGÈRE)



Anis GUELMAMI

INTERVENANT
COORDONNATEUR GÉNÉRAL
ÉQUIPE DIMFE
ÉCONOMIE RURALE ET PÊCHERIE DURABLE
(TUNIS, TUNISIE)

UPSCALE SEBOU WATER FUND

Plateforme : Zoom
Formulaire d'inscription : <https://forms.gle/L6bXQgH4KwE94d58>

Avec le soutien de :







2024
Mai
4
14:00 > 15:00
GMT

DIMFE
ÉQUIPE ET VOUS POUR L'ÉCONOMIE RURALE ET LA PÊCHERIE DURABLE

WEBINAIRE 2
"MUTUALISATION DES CONNAISSANCES SUR L'EAU AU MAROC POUR UNE MEILLEURE GESTION DE LA RESSOURCE"



Anis GUELMAMI

MODÉRATEUR
COORDONNATEUR GÉNÉRAL
ÉQUIPE DIMFE
ÉCONOMIE RURALE ET PÊCHERIE DURABLE
(TUNIS, TUNISIE)



Eric MINO

INTERVENANT
COORDONNATEUR GÉNÉRAL
ÉQUIPE DIMFE
ÉCONOMIE RURALE ET PÊCHERIE DURABLE
(TUNIS, TUNISIE)



Aissam EL RHERARI

CONTRIBUTEUR
COORDONNATEUR GÉNÉRAL
ÉQUIPE DIMFE
ÉCONOMIE RURALE ET PÊCHERIE DURABLE
(TUNIS, TUNISIE)

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Avec le soutien de :







2024
Mai
19
15:00 > 16:00
GMT

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WEBINAIRE 3
"RESSOURCES EN EAU DU BASSIN DU SEBOU: POTENTIEL ET CONTRAINTES DE GESTION DANS LE CONTEXTE DIFFICILE DU CHANGEMENT CLIMATIQUE"



Anis GUELMAMI

MODÉRATEUR
COORDONNATEUR GÉNÉRAL
ÉQUIPE DIMFE
ÉCONOMIE RURALE ET PÊCHERIE DURABLE
(TUNIS, TUNISIE)



Mohamed SINAN

INTERVENANT
COORDONNATEUR GÉNÉRAL
ÉQUIPE DIMFE
ÉCONOMIE RURALE ET PÊCHERIE DURABLE
(TUNIS, TUNISIE)

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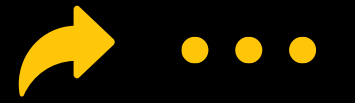
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Q #LPM



Thank You!

Living Planet Morocco

Adress: 281, Bvd Moulay Youssef, Résidence Azur 3,
3ème étage, Casablanca. Maroc

Phone: +212522485755

E-mail: contact@lpm.org.ma

Website: www.lpm.org.ma

