




Workshop of the Working Group for the Development of the AEWA Plan of Action for Africa 2019-2027

Atelier du groupe de travail dédié à l'élaboration du Plan d'action de l'AEWA pour l'Afrique 2019-2027

10 - 12 October / octobre 2017 – Dakar

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Climate Resilient Flyway Network

to support the implementation of
AEWA Resolutions 5.13 and 6.6
on climate change adaptation for waterbirds

Mori Diallo

Wetlands International

Supported by:



Federal Ministry for the
Environment, Nature Conservation,
Building and Nuclear Safety

based on a decision of the German Bundestag






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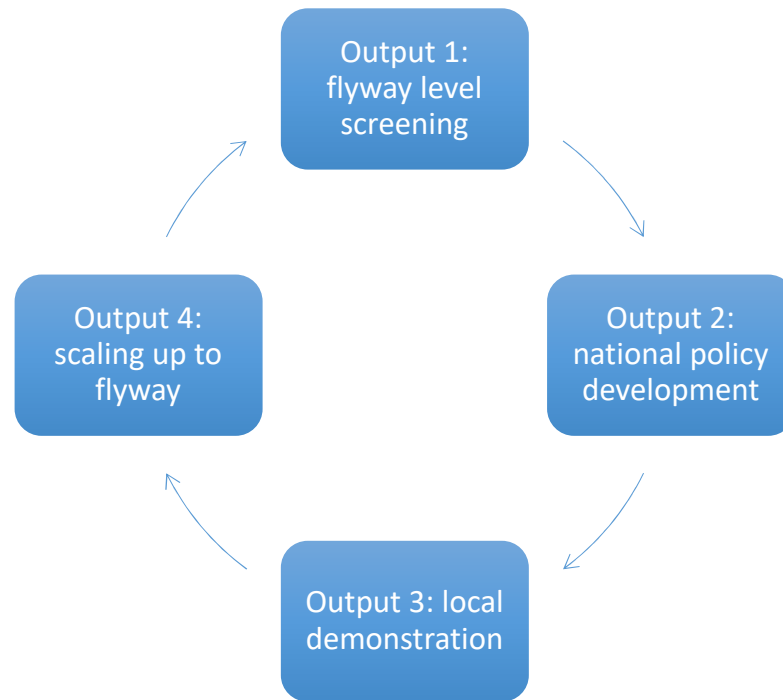
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Linkages amongst project outputs





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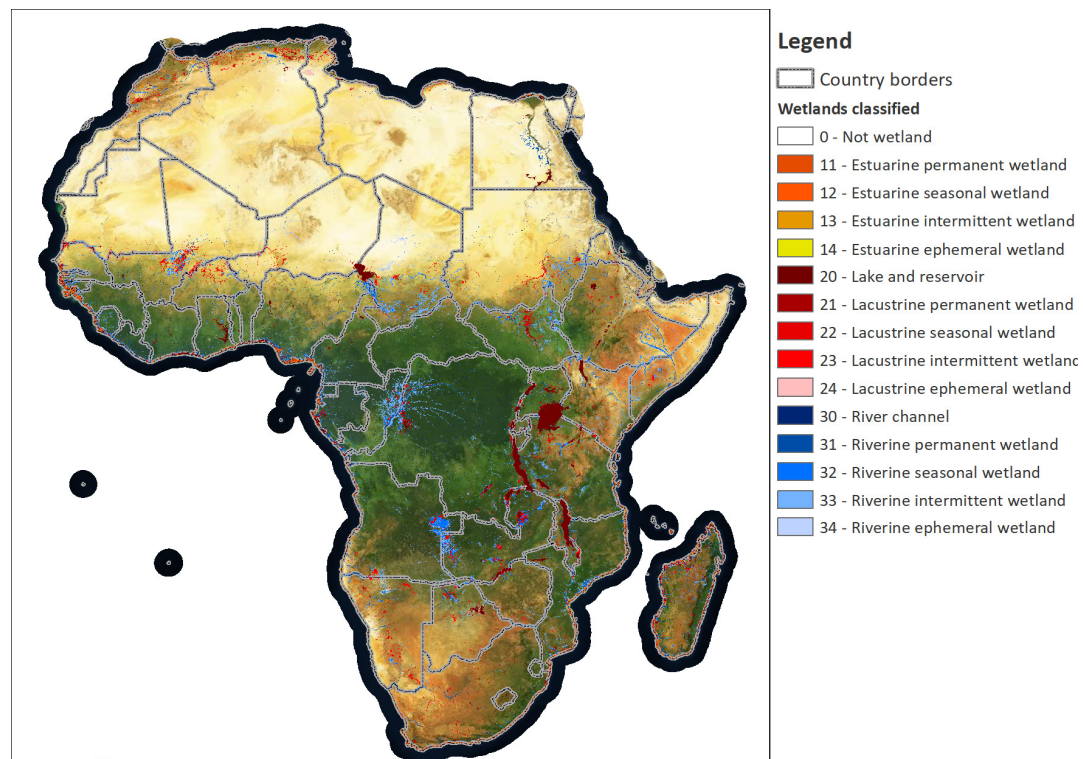
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Mapping current and future wetland distribution across the flyway





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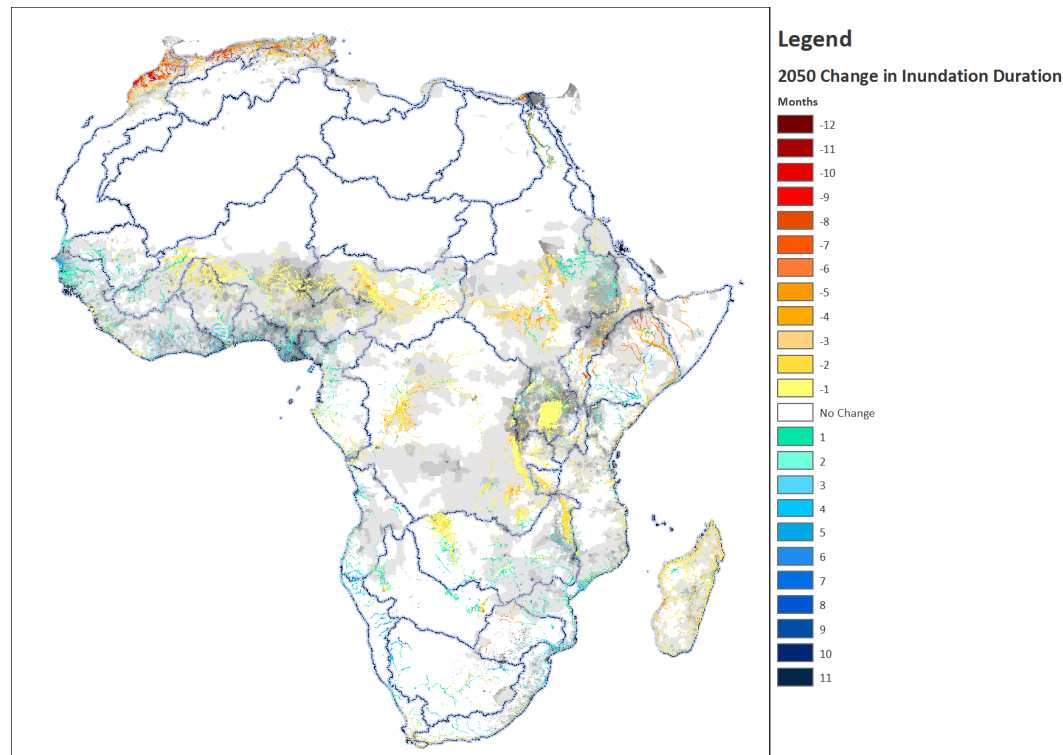
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Asses impact of hydrological changes on Critical Sites

Change in inundation length in 2050





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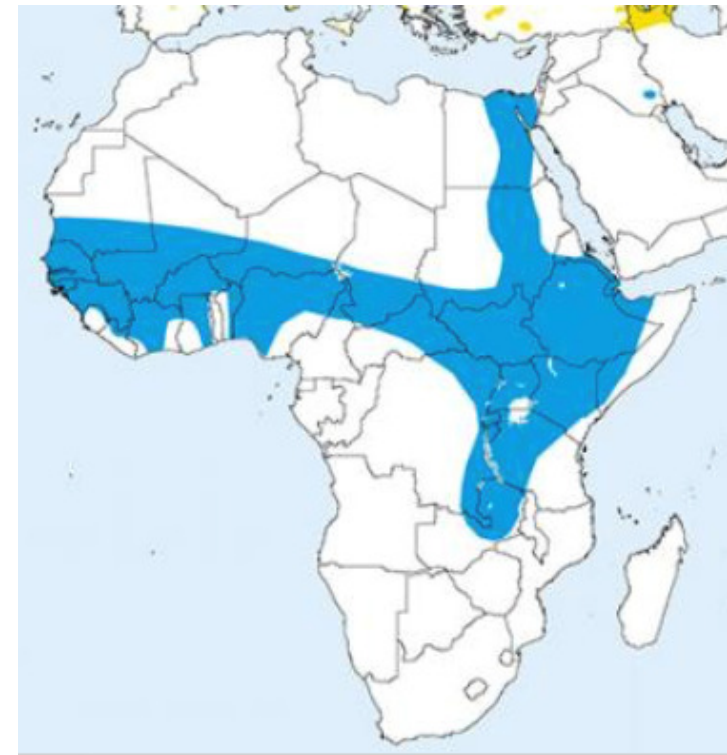
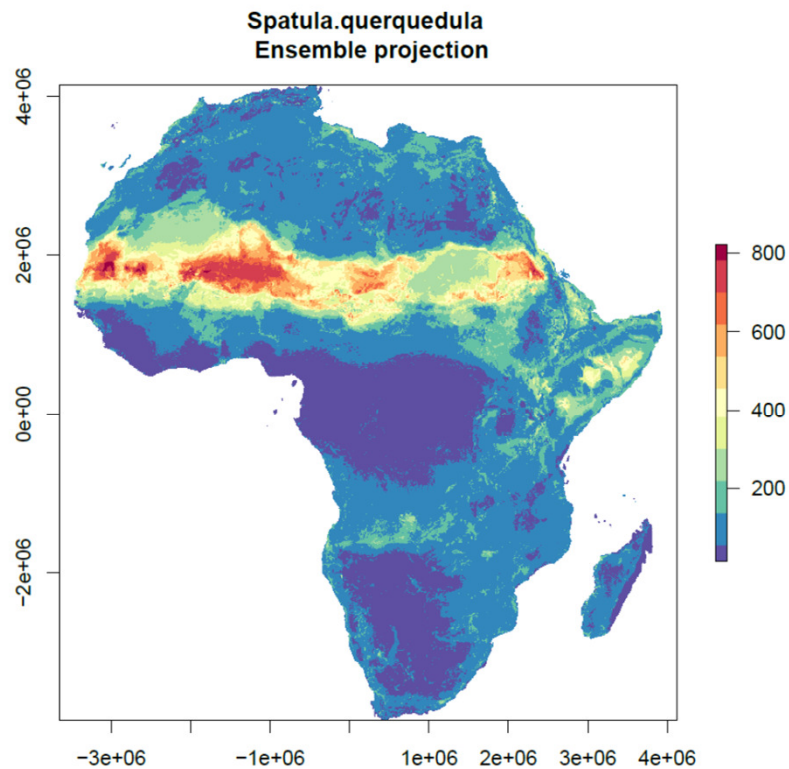
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Modelling species distribution to predict changes in their distribution





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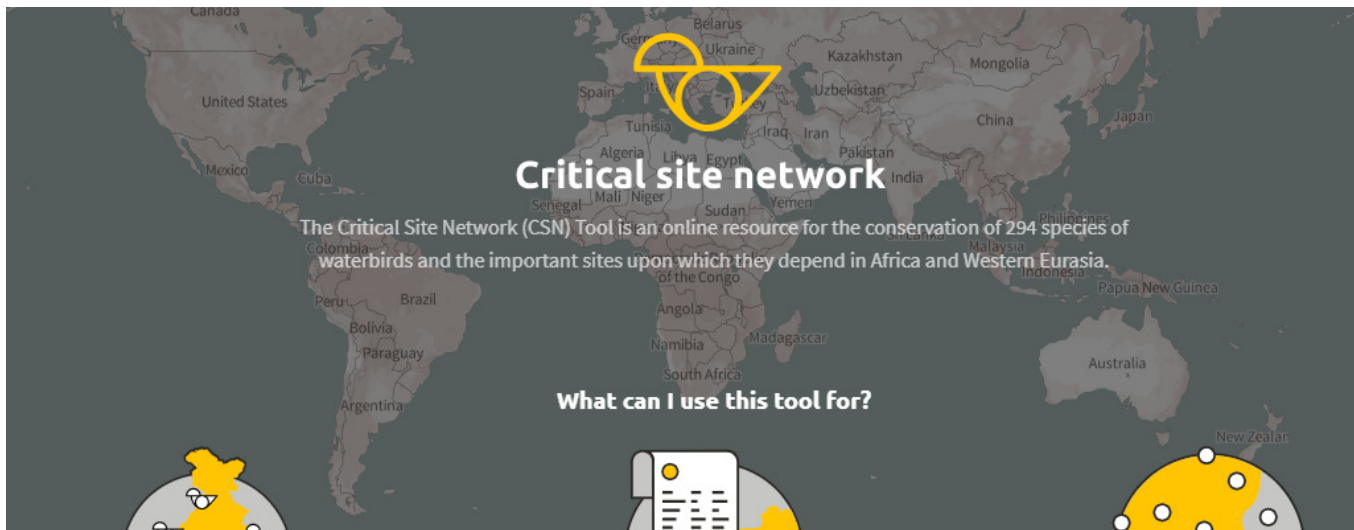
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Making the results available through the Critical Site Network Tool 2.0



Critical site network

The Critical Site Network (CSN) Tool is an online resource for the conservation of 294 species of waterbirds and the important sites upon which they depend in Africa and Western Eurasia.

What can I use this tool for?

**Search for a country
and see all the occurring species**

**See the data
for a particular site**

**Search for a species
and see its critical sites**



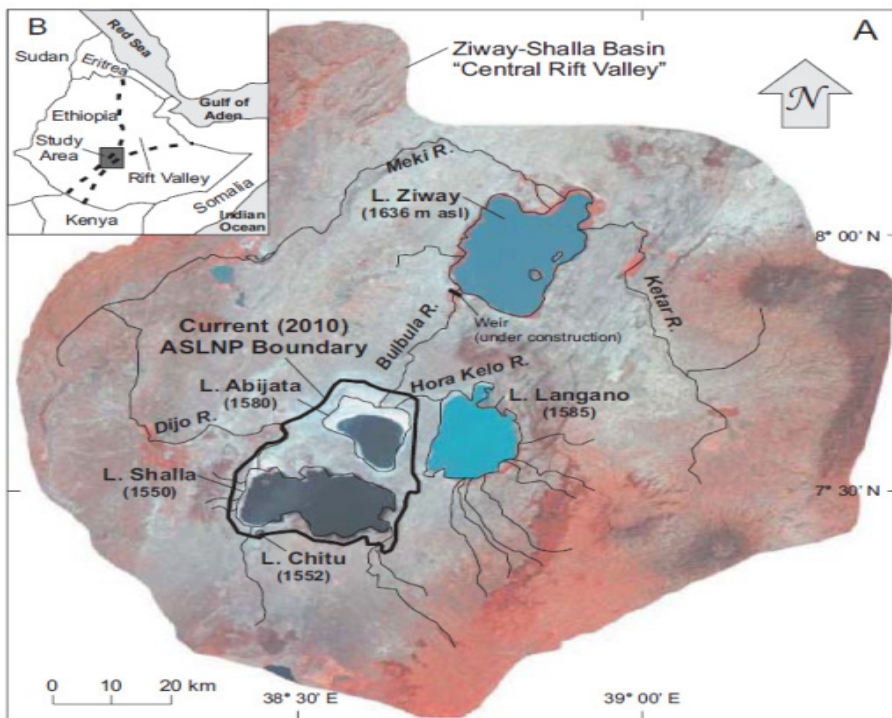
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Ethiopia's Central Rift Valley Lakes



- Ziway-Shalla basin overview
- 4 large lakes
- Lake Ziway supplies water to Lake Abijatta
- Lake Abijatta is the most important critical site in Ethiopia – once hosting 200,000 Lesser Flamingos



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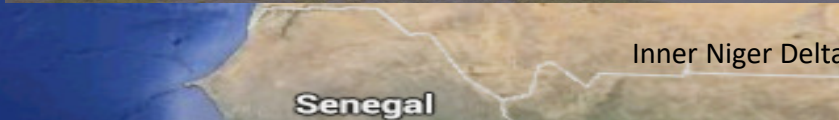
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Inner Niger Delta

Senegal

Mali

Burkina
Faso

ôte d'Ivoire

Ghana



Guinea



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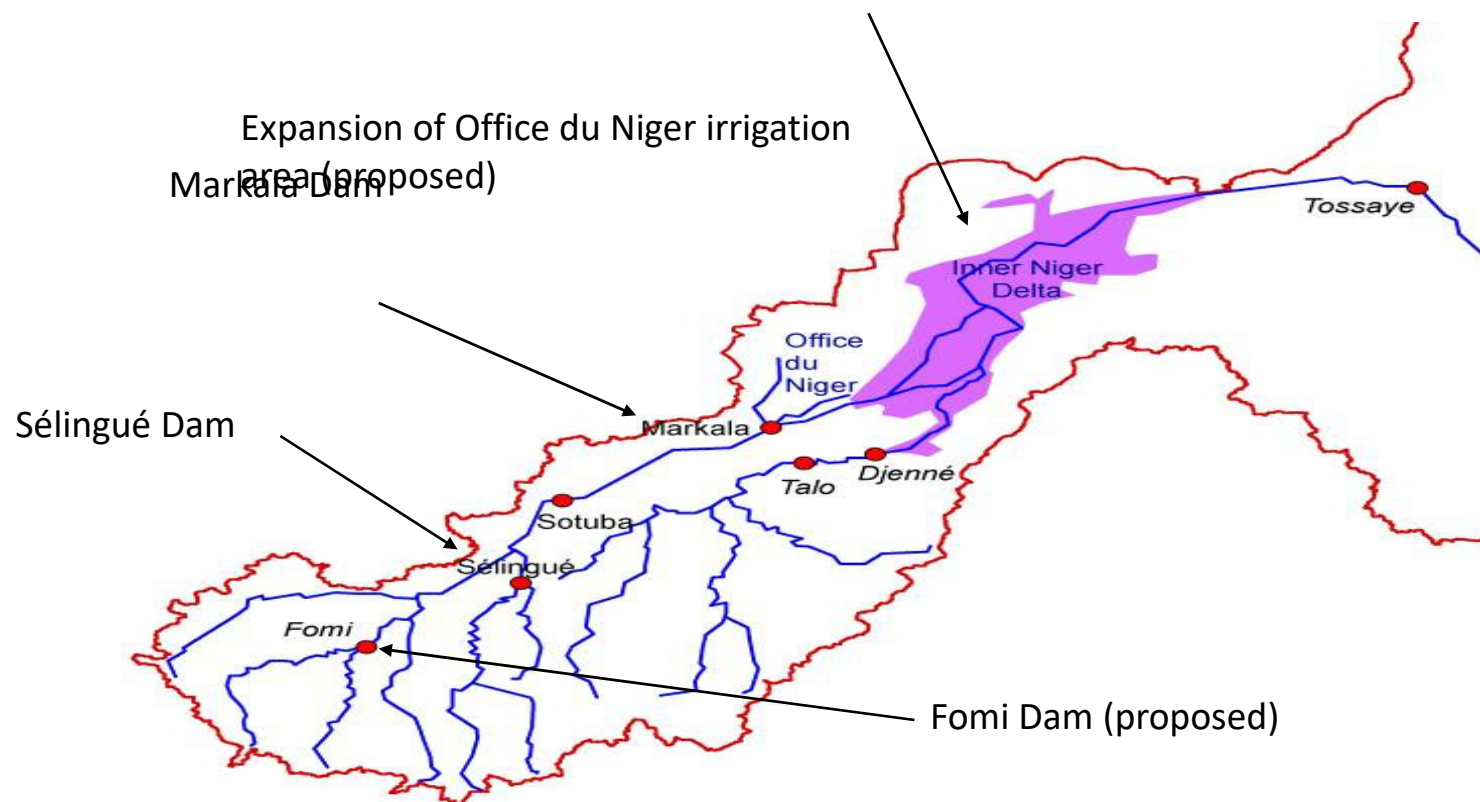
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Infrastructure in Mali's Upper Niger Basin





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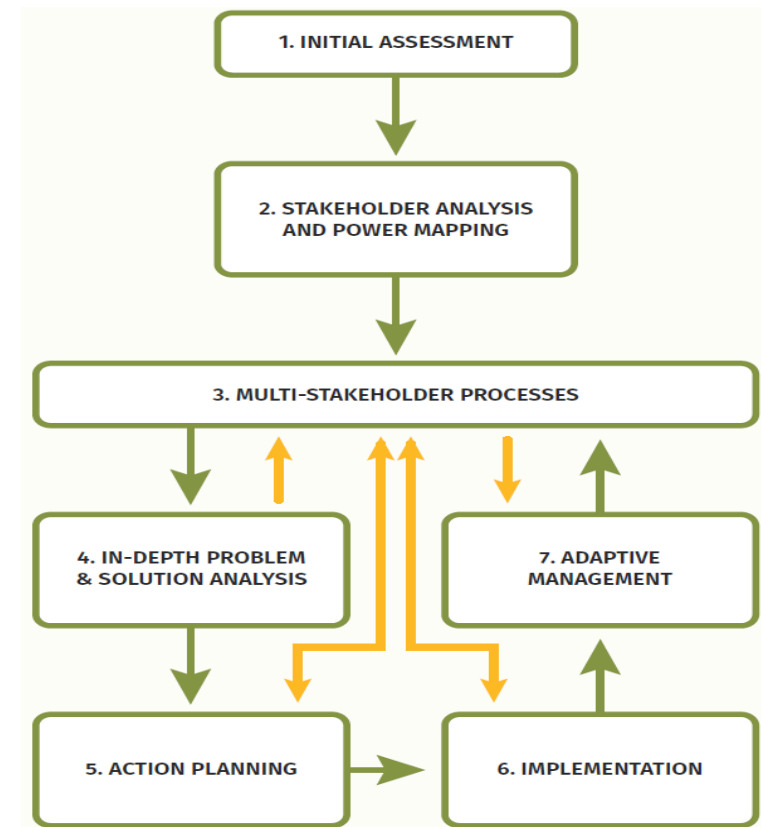
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Landscape approach

1. Look upstream, at the entire river basin in Guinea and Mali – not just the critical site
2. Identify who is having an impact on water and who is being impacted – dams and irrigation
3. Engage the major stakeholders: Niger Basin Authority, Department of Forest and Water, private sector, communities
4. Undertake studies – flood modeling, ecosystem services valuation – to identify the role of stakeholders and possible solutions
5. Develop a shared vision and figure out solutions together - embed research in policies & plans
6. Implement solutions to address key challenges – while securing short-term successes
7. Use monitoring and evaluation to adapt and improve the likelihood of success

Only 7 steps but a long-term – 10 year approach!





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Community-based restoration of Critical Sites

Resources important to
waterbirds **and** people

Inner Niger Delta

- 1,500 hectares of bourgou fields
- 75 hectares of floodplain forests

Lake Abijatta

- Reducing water use on the
catchment in 5 villages






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Training courses in Mali and Ethiopia

For national focal points of AEWA & Ramsar Convention in Africa

Participants will learn how to:

- implement AEWA Resolution 5.13 at national level
- use the CSN Tool 2.0 for screening Critical Sites vulnerable to climate change
- assess the contribution of Critical Sites to ecosystem-based climate change adaptation
- identify areas where wetland restoration can serve multiple climate change adaptation purposes
- conserve and sustain these areas by implementing an integrated wetland landscape approach



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Thank you!

Questions?

