

# The value-added of the WEF Nexus for inter-sectoral planning

Integration of the WEF Nexus into the Operational Plan of the Niger Basin Authority



This project is co-funded by  
the European Union

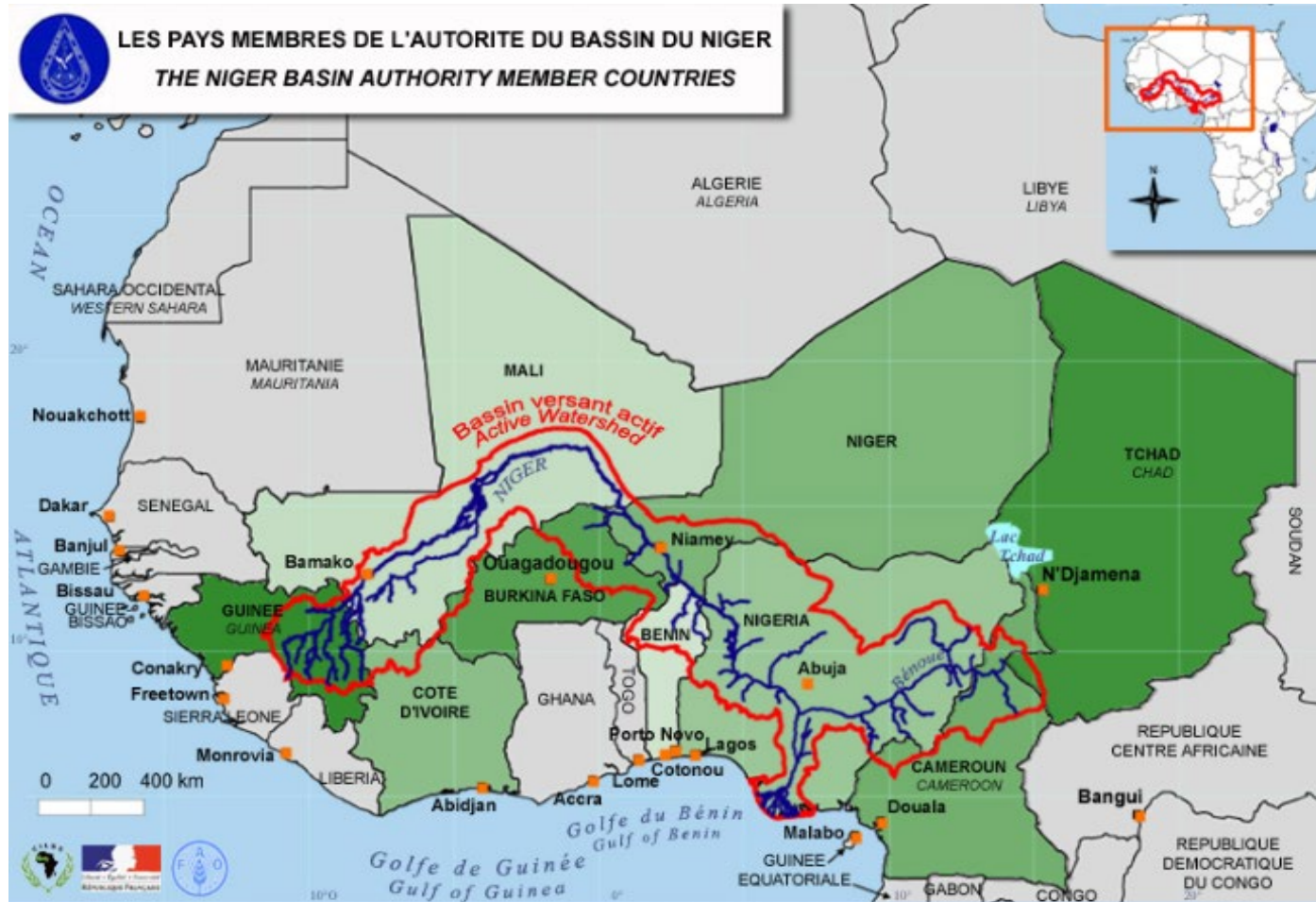


# The Niger Basin

160 Mio.  
people

60% do not  
have access  
to treated  
water

20% have  
access to  
energy



Natural  
Resources

20% of  
hydroelectric  
potential  
exploited

70% of  
agriculture is  
rainfed

# The Shared Vision of the NBA



Make the Niger Basin a **common area of sustainable development** through:

- **integrated management of water resources** and
- **associated ecosystems**

for the improvement of living conditions and the prosperity of the population by 2025.



Ratified by the **heads of state**

# Integration of the Nexus into the NBA's Operational Plan (OP) and investment portfolio



☸ **Participative mainstreaming** of the Nexus in the NBA's Operational Plan.

☑ **True adoption of a Nexus perspective** for the **350 projects** and the Plan as a whole for a total cost of **US\$ 7,2 Billion** over the period **2016-2024**.

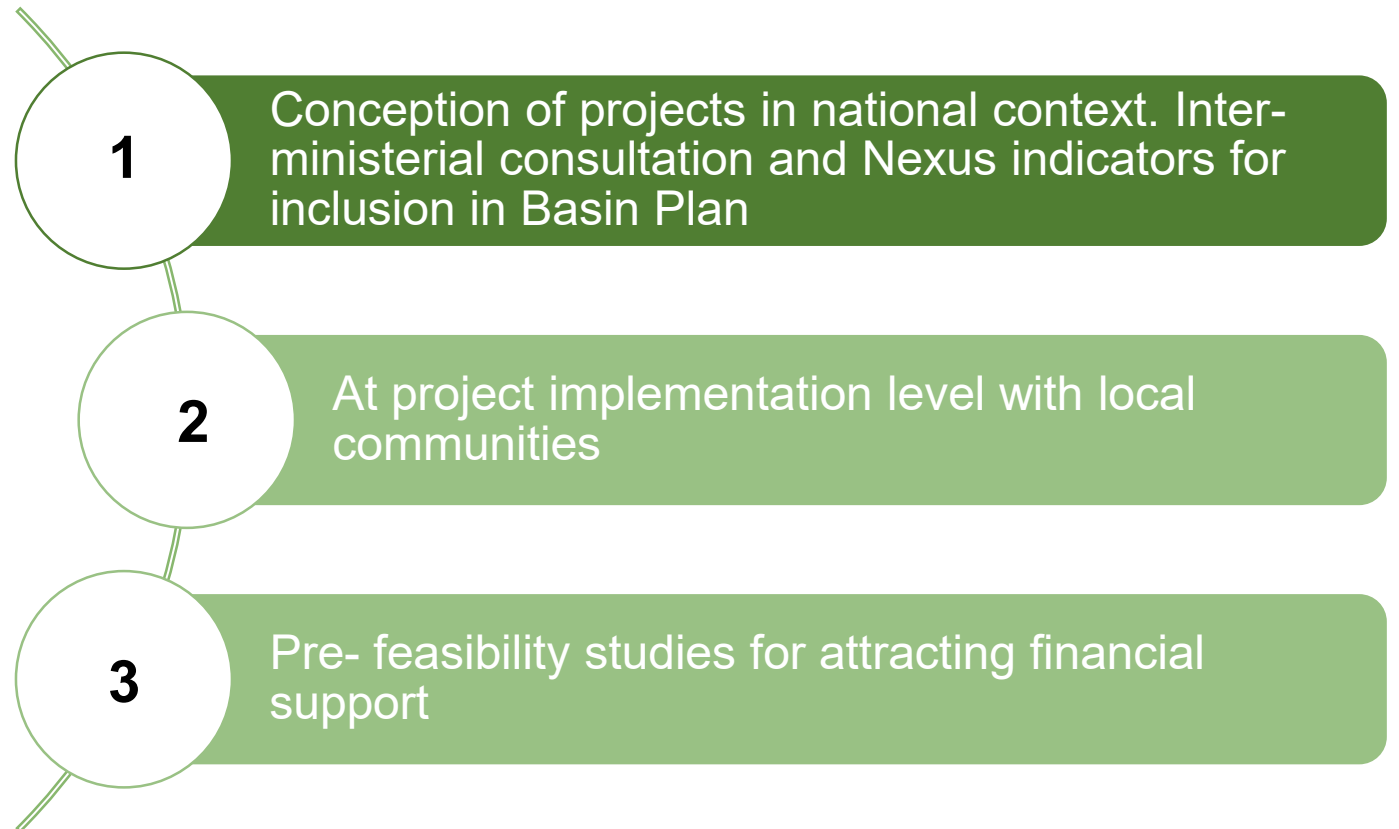
📍 Member countries now reflect on the multi-sectoral implications of their planned projects and **are able to identify Nexus measures**.

# Nexus Criteria for the selection of projects in the NBA Operational Plan







- 350 projects
- 250 climate actions
- Multi-sectoral planning
- Standards and indicators
- Attracting finance



## Three levels of analysis:



# How? Classification criteria for country projects

Area	Details	Unit
 <b>1 PROJECT OVERVIEW</b>	Project Number	No.
	Project Title	text
	<i>Who is the main contact and institution for the project?</i>	<i>text</i>
	<i>Budget</i>	<i>CFA</i>
	Project code (drop-down menu)	<i>P111-P351</i>
	<i>Project category (drop-down menu)</i>	<i>1-85</i>
 <b>2 BENEFITS</b>	<i>Who benefits from the project?</i>	<i>No people / ha</i>
	<i>How do women and men benefit from the project?</i>	<i>text</i>
 <b>3 CONTRIBUTION TO THE STRATEGIC PLAN</b>	No contribution of the project to the Intermediate Outcomes (IO) of the SP: score 0; contribution to one IO: score 1; two IO: score 2; more than 2 IO: score 3	score (0-3)
 <b>4 TRANSBOUNDARY CHARACTER</b>	Local projects without transboundary impact: score 0; Local projects with transboundary impact: score 2; Projects including two countries: score 4; projects including more than 2 countries: Score 6	score 0-6
 <b>5 LEVEL OF MATURITY</b>	Project idea: score 0; Identification completed: score 2; project preparation completed: score 3; preliminary studies completed: 4; Environmental and social impact assessment completed: score 5; evaluation completed: 6; negotiation stage: 7; agreement signed: 8	score 0-8
 <b>6 AVAILABILITY OF FINANCING</b>	Donors NOT identified: score 0; in process of identifying doors: 3; donors identified: 5	score 0-5
<b>7</b>	Simple SCORE—(will be done by NBA)	(sum of Q 3-6)

# How? Classification criteria for country projects

<b>8 LOCATION</b>	<i>Location I</i>	<i>District</i>
	<i>Location II</i>	<i>GIS Coordinates</i>
<b>9 FOOD SECURITY</b>	<i>Contribution to Food Security</i>	<i>from -3 to +3</i>
	<i>WHY? (How is the project contributing to food security?)</i>	<i>text</i>
	<i>If the score is positive, please identify synergistic measures; if the score is negative, please identify mitigation measures</i>	<i>text</i>
<b>10 ENERGY SECURITY</b>	<i>Contribution to Energy Security</i>	<i>from -3 to +3</i>
	<i>WHY? (How is the project contributing to energy security?)</i>	<i>text</i>
	<i>If the score is positive, please identify synergistic measures; if the score is negative, please identify mitigation measures</i>	<i>text</i>
<b>11 WATER SECURITY</b>	<i>Contribution to Water Security</i>	<i>from -3 to +3</i>
	<i>WHY? (How is the project contributing to water security?)</i>	<i>text</i>
	<i>If the score is positive, please identify synergistic measures; if the score is negative, please identify mitigation measures</i>	<i>text</i>

# Action Plan: Projects with major Nexus potential

## GREEN INFRASTRUCTURE

1. Decrease erosion and sedimentation in the Niger basin for greater water and land security
1. Climate resilient fish farming for increased food security.

## ECOSYSTEM-BASED ADAPTATION

1. Humid zones – Protection of ecosystem services to increase WEF securities.
2. Forestry management for securing WEF securities

## GRAY INFRASTRUCTURE

1. Ensuring Nexus focus in the implementation of the Fomi Dam Scheme
2. Consolidating access to WEF securities in area affected by the Kandadji Dam
3. Small-scale irrigation to increase WEF security in agriculture.







# Nexus support for the Fomi Dam

Multipurpose nature of the dam and importance of the Nexus approach to:

- **Keep water within the infrastructure and energy game.**
- **Bringing in stakeholders for negotiation** – other basin countries and civil society.
- Taking a **Nexus perspective for ecosystem preservation**
- **Potential impact on 50 Mio people**



# Why using the WEF Nexus angle?

-  Improve **effectiveness of OP activities**.
-  Achieve **multiple objectives** through a **single intervention**.
-  Avoid harm for Shared Vision goals by considering **potential tradeoffs/ negative cross-sectoral impacts** of OP activities.
-  Enlarge impact of OP activities by **strengthening positive, inter-sectoral linkages**.