



## ADAPTATION FUND

## PRE-CONCEPT FOR A REGIONAL PROJECT/PROGRAMME

## PART I: PROJECT/PROGRAMME INFORMATION

Title of Project/Programme:	INTEGRATION OF CLIMATE CHANGE MITIGATION AND ADAPTATION MEASURES IN THE CONCERTED MANAGEMENT OF THE W TRANSBOUNDARY PARC: ADAPT-W PROJECT
Countries:	Benin, Burkina Faso, Niger
Thematic Focal Area <sup>1</sup> :	Disaster risk reduction and early warning systems
Type of Implementing Entity:	RIE
Implementing Entity:	Sahara and Sahel Observatory
Executing Entities:	<b>Benin:</b> Centre National de Gestion des Réserves de Faune (CENAGREF), <b>Burkina Faso:</b> La Direction Générale des Eaux et Forêts (DGEF), <b>Niger:</b> La Direction Générale des Eaux, de l'Environnement et Forêts (DGEEF) and le Centre National de Suivi Environnemental et Ecologique (CNSEE)
Amount of Financing Requested:	5 MK\$ (in U.S Dollars Equivalent)

**Project / Programme Background and Context:**

*The W-Arly-Pendjari (WAP) Complex (French « Parc de l'Entente ») is the most important set of terrestrial trans-boundary ecosystems in Africa. Shared by Benin, Burkina Faso, and Niger, this network of protected areas (also called « Trans-boundary Biosphere Reserve W (TBR) ») extends over a total area of 31 000 km<sup>2</sup> to 50 000 km<sup>2</sup>, including riparian areas (43% in Benin, 36% in Burkina Faso and 21% in Niger).*

*The WAP complex is located in the vicinity of the West African savannahs belt. It displays considerable biological diversity which contributes to the economic development of West Africa. In the peripheral areas of the Complex and at a distance of about 40 km from its protected areas, are found about 350 cities and villages with a total population of one million inhabitants (about 700 000 in Benin, 200 000 in Burkina Faso and less than 100 000 in Niger) that depend essentially on the WAP Complex's natural resources for their living.*

*The natural resources of the WAP Complex represent a major asset for the local populations whose livelihoods are based mainly on agriculture, livestock breeding, fishery, forest resources (wood and non-wood products), and tourism.*

*However, the WAP Complex is subject to multiple pressures and threats, mainly conflicts of use, poaching, overgrazing, extension of agricultural lands, transhumance and bush fires, surface water pollution, climate change and variability and finally unsustainable production of wood, non-wood products, and fishery. In addition, the WAP Complex is located in an agro-pastoral region characterized by high inter-annual variability exacerbated by climate change. This variability is translated in important flows of population migration to more favourable regions nearby the protected areas. Local pastors who have also gradually lost their grazing lands have turned into the Complex reserves looking for fodder resources.*

<sup>1</sup> Thematic areas are: Food security; Disaster risk reduction and early warning systems; Transboundary water management; Innovation in adaptation finance.

*With all these types of pressure exerted on the WAP natural resources and the adverse effects of Climate Change, the vulnerability of ecosystems and populations is expected to increase and the introduction of adaptation measures and resilience enhancement actions has become a must.*

### **Project / Programme Objectives:**

*The project aims to strengthen the resilience of ecosystems and to improve the WAP Complex populations' livelihoods facing climate change through the establishment of an early warning system and the integration of adaptation measures in sustainable management practices.*

*The project will also allow to consolidate synergy between the three beneficiary countries with a view to enhancing the sustainable and participatory management of the Complex natural resources as well as resolving conflicts between the different users.*

### **Project / Programme Components and Financing:**

<b>Project/Programme Components</b>	<b>Expected Outcomes</b>	<b>Expected Outputs</b>	<b>Countries</b>	<b>Amount (US\$)</b>
<p><b>1. Component 1:</b> Establishment of tools for the monitoring of climate change impacts on the WAP Complex natural resources and for ecosystems and populations vulnerability assessment</p>	<p><b>R.1.</b> Monitoring and vulnerability assessment tools are developed for ecosystems and populations</p>	<p>1.1 – Environmental monitoring tools are developed and used by the concerned actors for the management of the WAP Complex natural resources</p> <p>1.2 – Risk and vulnerability analysis tools are adopted</p> <p>1.3 – Bio-physical and socio-economic data are collected in the observatories installed at the WAP Complex and related indicators are produced</p> <p>1.4 – Indicators produced at the observatories level are monitored and evaluated</p>	<p>Benin Burkina Faso Niger</p>	1 070 000
<p><b>2. Component 2:</b> Development of an early warning system to climate change-related phenomena, integrating an intervention plan (prevention, emergency responses and rehabilitation).</p>	<p><b>R. 2.</b> Early warning system developed to respond to emergencies and for ecosystems rehabilitation</p>	<p>2.1 – Environmental monitoring indicators (cf. component 1) are analysed to evaluate risks and vulnerability of WAP communities and ecosystems</p> <p>2.2 – A unique and adapted early warning system to monitor the WAP Complex risks and vulnerability is designed.</p> <p>2.3 – Early warning reports are disseminated to managers and communities to prevent extreme events.</p> <p>2.4 – Plans for disasters responses are set up jointly by the three countries.</p>	<p>Benin Burkina Faso Niger</p>	1 000 000 \$

<p><b>3. Component 3:</b> Identification of climate change adaptation measures and update of the Complex management and development plan.</p>	<p><b>R.3.</b> CC adaptation strategy is elaborated and the Complex management and development plan is updated</p>	<p>3.1 – CC Adaptation measures taking into account disasters response plans are identified.</p> <p>3.2 – Pilot actions are conducted to evaluate the relevance of adaptation measures.</p> <p>3.3 – Adaptation strategy integrating tested measures are elaborated and integrated into existing development plans</p> <p>3.4 – Development plans updated and validated by the three beneficiary countries</p> <p>3.5 – Action plan for the revised management plans implementation is established and adopted</p>	<p>Benin Burkina Faso Niger</p>	<p>1 500 000 \$</p>
<p><b>4. Component 4:</b> Sensitization, capacity building, and results dissemination for a concerted, integrated and sustainable management of the WAP Complex.</p>	<p><b>R.4</b> Adapted communication tools developed to improve exchanges with the different concerned actors</p>	<p>4.1 – Taking into account the Gender dimension, populations and managers are sensitized about the monitoring and early warning system developed by the project</p> <p>4.2 – Practitioners and technicians are trained on the project’s technical aspects (data collection, indicators production, adaptation measures testing and early warning system use ...)</p> <p>4.3 – Adapted communication tools are elaborated for better dissemination of information to different categories of actors</p> <p>4.4 –Online exchange platform is established to share knowledge and warning messages.</p> <p>4.5 – Consultation mechanism is set up and legal frameworks are adopted to support early warning</p>	<p>Benin Burkina Faso Niger</p>	<p>700 000 \$</p>
<p><b>5. Component 5 :</b> project coordination and management</p>	<p>Monitoring of project activities and efficient management of budget</p>	<p>5.1 - Project activities are monitored by OSS-Implementing Entity</p> <p>5.2 – Project activities are conducted by national partners–Executing Entities</p>	<p>OSS and beneficiary countries</p>	<p>730 000 \$</p>

6. Project/Programme Execution cost	365 000 \$
7. Total Project/Programme Cost	4 270 000 \$
8. Project/Programme Cycle Management Fee charged by the Implementing Entity (if applicable)	365 000 \$
<b>Amount of Financing Requested</b>	<b>5 000 000 \$</b>

**Project Duration: 4 years / 48 months**

## PART II: PROJECT / PROGRAMME JUSTIFICATION

*The three concerned countries (Benin, Burkina Faso and Niger) with the support of OSS propose, through the present project request, the development and implementation of a concerted and synergistic adaptation strategy to be integrated in the regional plan for the WAP Complex. The project will complement the development actions already undertaken in the region and will focus on adaptation to climate change. It will strengthen the capacities of the national and sub-regional institutions involved in the management of the WAP Complex and adjacent areas natural resources.*

*This project proposal is built around five components combining national regional and local actions. It is, as shown in the table above: i) Establishment of tools for the monitoring of climate change impacts on the WAP Complex natural resources and for ecosystems and populations vulnerability assessment; ii) Development of an early warning system to climate change- related phenomena, integrating an intervention plan (prevention, emergency responses and rehabilitation); iii) Identification of climate change adaptation measures and update of the Complex management and development plan; iv) Sensitization, capacity building, and results dissemination for a concerted, integrated and sustainable management of the WAP Complex; v) project coordination and management.*

*Activities to be undertaken revolve around i) environmental monitoring, ii) vulnerability assessment, iii) development of early warning systems and iv) development of adapted communication tools and capacity building. The activities are already detailed in the table above. The project activities, those under components three and four in particular, will include concrete adaptation actions to be conducted in-field with a view to reducing communities' vulnerability to climate change. The fund to be granted will be used in the implementation of actions aiming at diversifying livelihoods, setting up structures for resources mobilization and preservation, encouraging recourse to the use of renewable energy, raising awareness ( for populations, managers and technicians) at the level of the WAP Complex in terms of good natural resources management practices....*

*A better protection and concerted management of natural resources will be possible through the implementation of new management plans (regional and national) adapted to the specificities of the WAP Complex and of each country while reducing risks of conflicts. The project will also allow to build on the local know-how of the three beneficiary countries and will offer a regional platform for the exchange of experiences and effective natural management practices. These conditions will help to preserve the Complex's ecosystems and hence to improve the livelihoods of its local populations. The early warning system and the adaptation measures to be developed under this project will generate successful lessons and ensure the validation of best practices to be documented and replicated in other areas.*

*A regional approach will be adopted for the implementation of the project. This will allow a holistic treatment of major themes at the Complex level while taking into account the different particularities of each country. Besides it will help maximizing lessons learning and sharing among the concerned actors and stakeholders.*

*The results of the present project will help to improve the WAP management and development plan elaborated within the framework of the ECOPASW regional program ("Protected*

Ecosystems in Sahelian Africa”). The project results will also feed into the sub-regional action plan for reducing vulnerability to climate change (PASR-RV-AO) adopted in 2010 by the Heads of States of the Economic Community of West African States (ECOWAS). In fine, the project will develop a regional strategy coupled with an early warning system that could be extended to a larger scale.

This project will develop new tools adapted to the regional context using new communication tools for sharing successful experiences and lessons learned. In addition, it will also utilize existing linkages with relevant national level sectors and other regional forums to share lessons and policy recommendations. Also, face-to-face interactions through regional workshops and meetings will be facilitated.

The Project will allocate about US\$1.500.000 to Component 3 for the implementation of concrete adaptation strategies for resilient and sustained PARC W ecosystems. The benefits of these actions would include improved economic productivity and better livelihoods. In addition, US\$ 1.000.000 will be allocated to Component 2 for the establishment of an Early Warning System to natural disasters and US\$1.000.000 for the development of Environmental monitoring tools. Furthermore, US\$700.000 will be allocated to Component 4, for strengthening the capacities of institutions and communities and for knowledge management. Finally, the project will provide an opportunity for networking with various stakeholders concerned with climate change adaptation, environment and development planning to ensure more effective and enhanced knowledge sharing.

The project preparation will be carried out through four steps involving different levels of intervention: regional, national and local: i) identification and definition of stakeholders and beneficiaries, ii) exchanges between OSS, as an implementing entity, and the national partners identified, iii) consultation for preliminary surveys aimed at local actors (farmers and households managed by women and other users) and iv) regional workshop bringing together the different stakeholders will be organized to validate the project document that should reflect a common vision.

The present project is classified under category B in accordance with the Social and Environmental Policy of the Adaptation Fund. A social and environmental assessment will be conducted as a preliminary step to the submission of the project request.

### **PART III: IMPLEMENTATION ARRANGEMENTS**

The project will involve both regional, national and local stakeholders.



- **At the local level:** An important component in the project implementation will require the mobilization of populations and other local collectivities as associations, NGOs, villages, women's cooperatives etc.
- **At the national level:** The project will be implemented by national executing entities that will be mandated in consultation with the Ministries in charge of Environment in the three beneficiary countries ( Benin: The Ministry of Environment in charge of climate change management, reforestation and forest and natural resources protection (MEGCCRPRNF) through the CENAGREF (Centre National de Gestion des Réserves de Faune), Burkina Faso: the Ministry of Environment, Green Economy and climate change through the Directorate General of Water Resources and Forests (DGEF), Niger: the Ministry of Environment and sustainable development through the National Center for Ecological and Environmental Monitoring (CNSEE) and Directorate General of Water Environment and Forests (DGEF).
- **At the regional level:** The project will be implemented by the Sahara and Sahel Observatory (OSS) who will serve as Regional Implementing Entity (RIE) and will be in charge of all financial, monitoring and reporting aspects to the Adaptation Fund. Other regional organizations active in the region will also be involved, in particular as part of the project Steering Committee (CILSS, ECOWAS, and UEMOA).

**PART IV: ENDORSEMENT BY GOVERNMENTS AND CERTIFICATION BY THE IMPLEMENTING ENTITY**

**A. Record of endorsement on behalf of the government<sup>2</sup>**

<b>Mr. Nazaire THIOMBIANO</b> General Director for Cooperation Ministry of Economy, Finance and Development – Burkina Faso	Date: 04/20/2016
<b>Mr. Ibila DJIBRIL</b> General Director of Climate Change Management Ministry of Environment in charge of climate change management, reforestation and forest and natural resources protection (MEGCCRPNF) – Bénin	Date: 07/31/2016
<b>Dr. Kamaye Maazou</b> Executive Secretary of the National Council of the Environment for Sustainable Development Ministry of Environment and Sustainable Development- Niger	Date: (Month, day, year) Ongoing

**B. Implementing Entity certification**

<p>I certify that this proposal has been prepared in accordance with the guidelines provided by the Adaptation Fund Board, and prevailing National Development and Adaptation Plans (PANA, ECOPAS, PAPE, PAGAP.) and subject to the approval by the Adaptation Fund Board, commit to implementing the project/programme in compliance with the Environmental and Social Policy of the Adaptation Fund and to the understanding that the Implementing Entity will be fully (legally and financially) responsible for the implementation of this project/programme.</p>	
<p><b>Khatim KHERRAZ</b> Executive Secretary of the Sahara and Sahel Observatory (RIE) Implementing Entity Coordinator</p>  	
Date: 03/08/2016	Tel. and email : (+216) 71 206 633 -- <a href="mailto:boc@oss.org.tn">boc@oss.org.tn</a>
Project Contact Person: <b>Nabil BEN KHATRA</b>	
Tel. and Email: (+216) 71 206 633; <a href="mailto:nabil.benkhatra@oss.org.tn">nabil.benkhatra@oss.org.tn</a>	

<sup>2</sup> Each Party shall designate and communicate to the secretariat the authority that will endorse on behalf of the national government the projects and programmes proposed by the implementing entities.



ADAPTATION FUND



REPUBLIQUE DU BENIN

FRATERNITE - JUSTICE - TRAVAIL

MINISTRE DU CADRE DE VIE ET DU DEVELOPPEMENT DURABLE

**DIRECTION GENERALE DES CHANGEMENTS CLIMATIQUES**

Letter of Endorsement by Benin Government

Cotonou, the 31 July 2016

**To:** The Adaptation Fund Board  
c/o Adaptation Fund Board Secretariat  
Email: Secretariat@Adaptation-Fund.org  
Fax: 202 522 3240/5

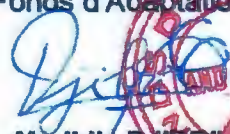
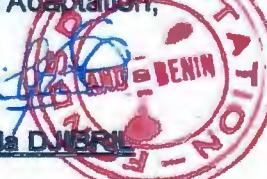
**Subject:** Endorsement for the project proposal « *intégration des mesures d'adaptation et d'atténuation aux changements climatiques dans la gestion concertée du parc transfrontalier de l'entente : projet ADAPT – W* ».

In my capacity as designated authority for the Adaptation Fund in Benin, I confirm that the above or regional project proposal is in accordance with the government's national priorities in implementing adaptation activities to reduce adverse impacts of, and risks, posed by climate change in the country.

Accordingly, I am pleased to endorse the above project proposal with support from the Adaptation Fund. If approved, the project will be implemented by OSS and executed by the institution "Centre National de Gestion des Réserves de Faune (CENAGREF)".

Sincerely,

Autorité Nationale Désignée du  
Fonds d'Adaptation,

  
  
Mr. Ibila D. NIBRI

MINISTERE DE L'ECONOMIE, DES FINANCES  
ET DU DEVELOPPEMENT

SECRETARIAT GENERAL

DIRECTION GENERALE  
DE LA COOPERATION

BURKINA FASO

Unité – Progrès - Justice

Ouagadougou, le 20 AVR 2016

N° 2016 0640 /MINEFID/SG/DG-COOP/DPPP/tn

Le Directeur Général a.i

to:

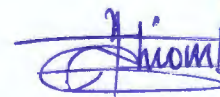
The Adaptation Fund Board  
c/o Adaptation Fund Board Secretariat  
Email: Secretariat@Adaptation-Fund.org  
Fax: 202 522 3240/5

**Subject:** Endorsement for the regional project proposal « Integration climate change adaptation measures into the concerted management of the transboundary WAP Park (*Intégration des mesures d'adaptation et d'atténuation aux changements climatiques dans la gestion concertée du parc transfrontalier de l'entente : projet ADAPT – W*) » with a total budget of 5 millions USD.

In my capacity as designated authority for the Adaptation Fund in Burkina Faso, I confirm that the above or regional project proposal is in accordance with the government's national priorities in implementing adaptation activities to reduce adverse impacts of, and risks, posed by climate change in the country.

Accordingly, I am pleased to endorse the above project proposal with support from the Adaptation Fund. If approved, the project will be implemented by OSS and executed by the national institution of Burkina Faso: "Direction des forêts du Ministère de l'Environnement, de l'Economie Verte et du Changement Climatique" in cooperation with the respective national institutions of Niger and Benin.

Sincerely,



**Mr Nazaire THIOMBIANO**  
Chevalier de l'Ordre du Mérite Burkinabè

