

Concept Note

Increasing people's resilience in Koubri and BAKATA municipalities affected by rainwater floods and climate change shocks through Adaptation-based Approach for ecosystem, forest, water resources and river basins management in Burkina Faso

BURKINA FASO | West African Bank for Development (WABD)

17 February 2018



GREEN
CLIMATE
FUND

Simplified Approval Process Concept Note

Title: Increasing people's resilience in Koubri and BAKATA municipalities affected by rainwater floods and climate change shocks through Adaptation-based Approach for ecosystem, forest, water resources and river basins management in Burkina Faso

Country(ies): BURKINA FASO

National Designated Authority(ies)
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Please submit the completed form to sap@gcfund.org,
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"Burkina Faso-BOAD-20180226"

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Simplified Approval Process **CONCEPT NOTE** Template V.1

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A. Project Information (max. 1 page)			
A.1. Project	<input checked="" type="checkbox"/> Project	A.2. Public or private sector	<input type="checkbox"/> Public sector <input checked="" type="checkbox"/> Private sector
A.3. Indicate the result areas for the project	<p><u>Mitigation:</u> Reduced emissions from:</p> <p><input type="checkbox"/> Energy access and power generation</p> <p><input type="checkbox"/> Low emission transport</p> <p><input checked="" type="checkbox"/> Buildings, cities and industries and appliances</p> <p><input checked="" type="checkbox"/> Forestry and land use</p> <p><u>Adaptation:</u> Increased resilience of:</p> <p><input checked="" type="checkbox"/> Most vulnerable people and communities</p> <p><input checked="" type="checkbox"/> Health and well-being, and food and water security</p> <p><input checked="" type="checkbox"/> Infrastructure and built environment</p> <p><input checked="" type="checkbox"/> Ecosystem and ecosystem services</p>		
A.4. Estimated mitigation impact (tCO₂e over lifespan)	About 800 000 tons of carbon to sequestrate	A.5. Estimated adaptation impact (number of direct beneficiaries and % of population)	Beneficiaries : populations of BAKATA and KOUBRI municipalities- about 100 000 residents -, 100% of the population and those coming to markets
A.6. Indicative total project cost (GCF + co-finance)	Amount: 9.990 000 M USD	A.7. Indicative GCF funding requested (max 10M)	Amount: 9 .980 000MUSD
A.8. Mark the type of financial instrument requested for the GCF funding	<input checked="" type="checkbox"/> Grant <input type="checkbox"/> Loan <input type="checkbox"/> Guarantee Other: specify : contribution by Koubri and Bakata municipalities :10 000 dollars USD		
A.9. Estimated duration of project :	a) disbursement period: 18 months	A.10. Estimated project/ Programme lifespan	This refers to the total period over which the investment is effective 18 months
A.11. Is funding from the Project Preparation Facility needed?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	A.12. Confirm overall ESS category is minimum to no risk¹	<input checked="" type="checkbox"/> C or I-3
A.13. Provide rationale for the ESS categorization (100 words)	This is a Category C project: This involves small rural community activities – without risks- such as tree planting around and inside forest of 232 ha, as well as around banks of nine (09) dams, support to local planning adapted to climate change, agriculture resilient to climate change, clean water supply to rural areas ,drainage in villages , awareness raising , early warning systems, increased access to flooded villages by improving rural mobility, management and restoration of hydrographic basins, and small-scale renovation, soil and water conservation, community management of forest and monitoring for a smooth implementation of the project .(100)		
A.14. Has the CN been shared with the NDA?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	A.15. Confidentiality²	<input type="checkbox"/> Confidential <input checked="" type="checkbox"/> Not confidential
A.16. Project rationale, objectives and approach of project (max 100 words)	<p>Brief summary of the problem statement and climate rationale, objective and selected implementation approach, including the executing entity(ies) and other implementing partners, including who will be implementing the measures to manage the environmental and social risks.</p> <p>In September 2010 rain fell three days consecutively and Tayalo/BAKATA, was flooded. Nobody could enter or leave the village.</p> <p>On August 25, 2017, during a heavy downpour night, the Nakamtenga dam broke off and the water, with more than 2 m high, flooded the 232 hectares of forest, destroying houses ,</p>		

¹ Refer to the SAP ESS Guidelines

² Concept notes (or sections of) not marked as confidential may be published in accordance with the Information Disclosure Policy ([Decision B.12/35](#)) and the Review of the Initial Proposal Approval Process ([Decision B.17/18](#)).

uprooting trees.

The goal is increasing people's resilience to climate change risks through ecosystem Adaptation-based Approach for forests, water resources as well as river banks management in line with the local development plan in Koubri and Bakata municipalities. The West African Development Bank , provide the technical expertise, the National Designated Authority review the project conformity with the national priorities and the municipalities are the project owner and environmental and social manager **(123)**

B. Project / Programme details (max. 3 pages)

B.1. Context and Baseline (max. 1 page)

Describe as relevant the climate vulnerabilities and impacts, GHG emissions profile, and mitigation and adaptation needs that the prospective intervention is envisaged to address.

Climate vulnerability and impacts Koubri rural municipality is located in peri-urban area at about thirty km from Ouagadougou, the capital city. It has two forests and 30 dams; it is terraced downstream and upstream with two impoundments of water. BAKATA municipality is located at 130 km from Ouagadougou. Both municipalities are located in a dry tropical climate, experiencing extreme rain and violent winds. exhibition units such as monastery forest, communal forest, residential, economic, social and religious buildings, dams remain highly vulnerable. The 2011 NAPA Water and Infrastructure Risk and Vulnerability Assessment Study shows an upward trend in the number of rainy days and annual rainfall that will result in increase in the amount of water in natural water bodies and dams. Thus, in September 2010, with climate change, populations in BAKATA village suffered a great deal with three-day nonstop rainfall. Water was flowing with sea- like wave sounds and populations fled to take refuge on a small hill. The same situation was experienced in Koubri. Men, women and children living in the monastery and surroundings of the Tanvi Nakemtenga dam experienced a horrible night on August 25, 2017, following heavy rainfall that broke off the dam dyke and more than two meters high of water flooded the surrounding area of this dam, devastating everything as it flows:houses , botanic garden , protection grid for a forest of of 232ha etc .. Forests in this municipality and particularly of the monastery faced such climate shocks on the one hand and a strong degradation on the other hand. In Burkina Faso, forests cover 25% of the country's surface area and therefore fall short of international standards. In addition, forests are experiencing high deforestation, an annual reduction of 0.8%. The pressure is strong on the forest of the monastery, which records very low level development, actions of preservation and climate and anthropic action.

FVC planned action is expected to address mitigation and adaptation needs - Against deforestation : planting 10 000 000 trees to protec river banks and make the forest denser. For unprotected area : make an iron grid like bamgweogo Park grid in Ouagadougou for protection against predators. For lack of water resources : protection of the river banks of the 09 dams, including the dam with broken surrounding areas of the dam. Increased access to villages :200 rural dirt roads to be developed in Bakata. For the Tayalo basin : service schemes for this village , simplified clean water supply system , social premises to be renovated: Health Center (CSPS) and schools ,junior schools , meeting room , village market , Water drainage :drainage to the pond , off-seasons growing : small irrigation , creation of small forest of 20ha. Absence of climate change adaptation plan :mainstreaming of climate change in local plans of Koubri and BAKATA

Please indicate how the project fits in with the country's national priorities, action plans and programs and its full ownership of the concept

Compliance with the country priorities – notably with the PNDES: The project builds on the implementation of multilateral environmental agreements ratified by Burkina Faso, including the conventions on biological diversity, climate change and the fight against desertification. It is also builds on Sustainable Development Goals (SDGs). In addition, climatic risks mentioned are those identified in a participatory and decentralized way in studies of Burkina Faso's National Adaptation Plan for Climate Change in 2015. Besides, the project is connected with the strategic line 3.5 of the National Economic and Social Development Plan (PNDES): "reversing developments in environmental degradation and ensuring sustainable management of natural and environmental resources", on page 73. Floods are recurrent is Burkina Faso and this is also a national priority. We can say that the project submitted to the Green Climate Fund is a reaction to PNDES .

Describe the main root causes and barriers (social, gender, fiscal, regulatory, technological, financial, ecological, institutional, etc.) that need to be addressed. Where relevant, please describe the key characteristics and dynamics of the sector or market.

The implementation of the project will create jobs at the social level for Koubri and BAKATA municipalities. In

addition, citrus fruit will provide income to producers and also raw material for industries in the municipality and in the capital city- Ouagadougou. Downstream and upstream development of dams and forests will help to increase resilience of units and sustainability of productivity of market gardening sites. At the technological level, the installation of weather and rain warning kits will reinforce the current national system. It will be done in close collaboration with the National Meteorological Agency and the Water Resources Head Office in order to operationalize an early warning system - not phone sms.

Gender issues experienced by women : There are women who have market gardens (cabbage, eggplant ,salads, green beans, or get fruits such mango and tangelo, as well as vegetables from orchard in the forest or dam sides or conduct all their business activities on medical and other plants in this forest or on this dam (fresh fish) and all were devastated ; their activities stop suddenly, thereby increasing their vulnerability.

This project, financed by the Green Climate Fund, will increase their resilience: They resumed their lost activities, they publicly presented on Burkina National Television (TNB) and asked for support; they are hoping for decent life

B.2. Project description (max. 1 page)

Describe the expected set of components and activities to address the above barriers identified that will lead to the expected outcomes.

Component :1 Institutional capacity building of national and local actors

activities :

- inform local stakeholders about the official launching of the project and seek their involment for its successful implementation

- training the executives from technical departments of ministries in charge of water, environment and emergency relief on GIS and remote sensing and risk analysis of flood; training on early warning tools; training on environmental and climate modeling ; training the populations on quality management groups ; on early warning and reading warning signals;

-objective: To promote good practices of sustainable forest ecosystems and water resources management

-input: experts' wages

-output :training

-outcomes : The institutional capacity building of national and local actors for continuous improvement of their results are strengthened

-impact: the sustainability of the project will secure better management of forest plantations ,forest ecosystems and water resources will be better protected

Component : 2 Physical investments

activities

- development of sustainable agro-forestry areas for orchard cultivation; completion of an iron grid around the forest with a thorny hedge like the bangwego forest in ouagadougou ;assemblies of rallying track;discharge irrigation equipment , ;completion of two positive boreholes for high-volume simplified clean water supply system through drilling in the monastery and in TAYALOVillage ;reforestation with 10 000 000 trees planted, in the forest and around the nine dams (Tanvi Nakamtenga , Naba Zana ,Arzouma, Pélé,Poedgo, Napabtenga, Gounghin Toyoko,Nagbangre) ;create a new forest in Tayalo/Bakata of 20ha ; reforestation (non-timber forest product plants) for the stabilization of stream banks ; installation of solar panels along the rallying tracks ;grid acquisition for securing reforested plants;development of a botanical area of hectares; floristic inventory and proposals of species to reforest; technical management of water and soil conservation; acquisition of early warning equipment;acquisition of phones for people living near forests and dams; 200 km of rural dirt roads to be developed in Bakata ; housing estate for Tayalo ; service schemes for Tayalo , social premises to be renovated: Health Center (CSPS) and schools ,junior schools , meeting room , village market ; water drainage to drain water to the pond , small-scale irrigation to produce out-of season crops , mainstreaming of climate change plan

-objective: make all physical investments provided to prevent damage from devastating floods and increase people resilience

-input: Amount of contracts awarded

-output : plantation of trees, installation of iron grid , basin bank resorber , roads constructed

-impact forest and dams have physical, appropriate, visible protection, forest is densified , drain the water

Component : 3 Environmental Management

activities

-conduct strategic environmental assessment of the project;complement environmental assessments with Environmental and Social Management Plan for each development project;implement the forest management plan for Koubri and Bakata municipalities forests;identify environmental indicators for decision-making, assistance needed;make thematic mapping;

-objective: to implement the environmental and social management plan

-input: wages

-output : water, forests and climate change concepts are mastered

-outcomes : populations in koubri municipality acquire knowledge on forest management

-impact :water , forest,environment and climate change are concepts mastered by populations of Koubri and Bakata

Component : 4 Monitoring and Evaluation

activities:1 Management and monitoring and evaluation

- Manage administratively and financially the project; monitor activities; have mid-term and project evaluation; lead steering instances; develop partnership protocols; reporting on activities

-objective: to monitor and control the project in order to reach expected outcomes

-input: wages

-output : field trip report before and after

-outcomes : reporting documents available and accessible at any time

-impact : tangible evidence that the project is implemented in compliance with standards provided as GCF require

B.3. Expected project results aligned with the GCF investment criteria (max. 1 page)

Please describe and provide an estimate of the expected impacts aligned with the GCF investment criteria: paradigm shift, sustainable development, needs of recipients, country ownership, and efficiency and effectiveness

COMPLIANCE WITH NATIONAL PRIORITIES - notably with the PNDES

The forest of the monastery is more than 50 years old. Therefore tons of carbon buried in the soil and stored in woody plants are immense. There is therefore need for making sustainable carbon sink. It must go through adaptation actions that can lead to mitigation. Adaptation actions have increase carbon stock and provided employment and raw material for the small agro-food processing units of the monastery, the municipality and the city of Ouagadougou. All actions will be carried out by technical partners of ministries involved in a protocol. The capacity building will allow the municipality to take into account climate change and mitigation issues in local planning and especially in development tools.

ADAPTATION AND MITIGATION OF GREENHOUSE GASES BY PLANTING 10 000 000 TREES

In the event of torrential downpour, the dam, located at few km from the forest, overflows and breaks and flood all surroundings, with rainwater reaching two meters high and weakened homes ; Therefore mitigating the biggest impact of changing climate requires the instoration of a green lung, by strengtning the density of the forest, around the nine dams with about 10 000 000 trees planted and thereby increase environmental values chain as well as resilience of Koubri municipality.

During this flood, the water well in the monastery forest and shalow wells were full of polluted water. People drink it forcibly. However, with the project financed by the Green Climate Fund, the monastery/Koubri, the Tayalo /bakata village have simplified clean water supply system.

INCREASING POPULATION RESILIENCE, transformation and scaling-up

- this dam that borke off in Koubri, devastated everything in the surroundings; with the project financed by the Green Climate Fund, populations resumed their activities safely ; populations learned about climate change and how to adapt.

This project financed by the Green Climate Fund will transform Koubri municipality into a carbon sink.

.....
- This three-day nonstop rainfall in Bakata devastated populations of Tayalo village who are still suffering. With the project financed by the Green Climate Fund, populations will have service shchemes with a pond; villages can farm in dry seasons ; they will have small-scale solar light; they will also be able to manage river banks and conduct renovation work, develop climate change-resilient agriculture, restore and renovate habitat ,

With the project financed by the Green Climate Fund, populations of Koubri and Bakata, as well as Monks, are equipped and will participate in the implementation of the climate change plan; climate change will be better known and be discussed in neighboring municipality (ies) (now Ambassadors)

- populations will learn quality group management; this participatory method for project sustainability will help them to sit together to identify future problems, find possible solutions and apply suchs solutions for continuous improvement of their results in adaptation to climate change shocks. Such training will transform them and they will become advisers, as they have learned about these shocks.

This project may be duplicated in other villages experiencing flood.

THE SAP LIMITS :The project cost falls within SAP limits: 9.990 000 M USD under 10 M USD

CATEGORY : This is a Category C project or **ESS category is 1-3**

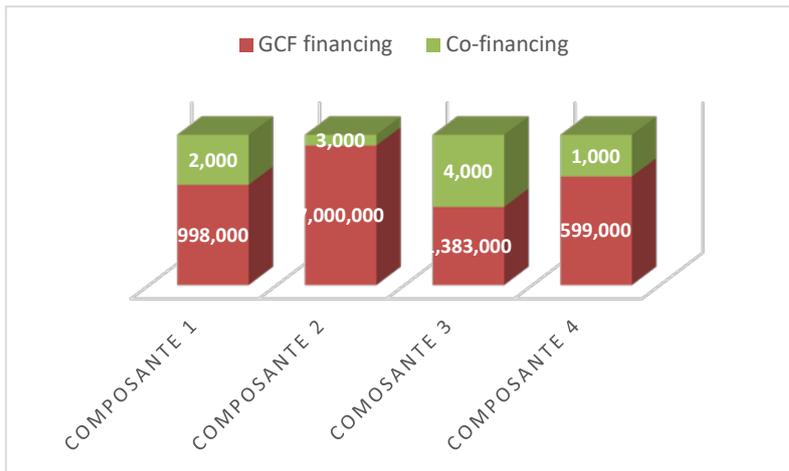
C. Indicative financing / Cost information (max. 2 pages)

C.1. Financing by components (max ½ page)

Please provide an estimate of the total cost per component and disaggregate by source of financing

THE . CHART

Component	Indicative cost (USD)	GCF financing		Co-financing		
		Amount (USD)	Financial Instrument	Amount (USD)	Financial Instrument	Name of Institutions
Component 1	1. 000 000	998 000	Grant	2 000	Contribution	Monastery/Municipalities
Component 2	7. 003 000	7 .000 000	Grant	3 000	Contribution	Monastery/Municipalities
Component 3	1. 387 000	1. 383 000	Grant	4 000	Contribution	Monastery/Municipalities
Component 4	600 000	599 000	Grant	1 000	Contribution	Monastery/Municipalities
Indicative total cost (USD)	9. 990 000	9 .980 000	Grant	10 000	Contribution	Monastery/Municipalities



C.2. Justification of GCF involvement (max 1/2 page)

Explain why the Project/ Programme requires GCF funding, i.e. explaining why this is not financed by the public and/ or private sector(s) of the country

The project requires GCF contribution because it involves action to be taken to mitigate Greenhouse Gas pollution. In addition, the forest of the monastery already stores a significant amount of GHG at the Middle and underground levels for more than 50 years. The current degradation of the forest released the stored carbon. Actions that will be taken will be of great interest for national and global environment. Burkina Faso is under-developed country and is eligible for Green Climate Fund. As such, implementing this project will contribute towards mitigating climate change impacts. The goal of the project is to increase people resilience to climate change risks, this is one of the high level of project expectation

C.3. Sustainability and replicability of the project (exit strategy) (max. 1/2 page)

Please explain how the project sustainability will be ensured in the long run and how this will be monitored, after the project/programme is implemented with support from the GCF and other sources.

For non-grant instruments, explain how the capital invested will be repaid and over what duration of time.

Capacity building will involve officials from public and reorganized structures and researchers. The capacity building will provide basic and operational research grants for implementation at national and other levels. Improvements that will be made will generate significant revenues that will contribute to environmental and climatic governance in the project area

after the. Sustainability actions will be more elaborated and concise in the environmental, social and climate risk management plan, during and after the implementation of the project. As example, the consomidation of the forest of Bamweogo park in Ouagadougou can be duplicated in other municipalities with devasted dams and forests .In koubri municipality, there are many dams but we covered 09 and the implementation of component 1 is an evidence : because the institutional capacity building of national and local actors for continuous improvement of their results are strengthened .

C.4 Stakeholders engagement in the project (max ½ page)

Please describe how engagement among the NDA, AE, EE and/or other relevant stakeholders in the country has taken place so far and what further engagement will be undertaken as the concept is developed into a funding proposal.

The process of developing this project is inclusive : Koubri and Bakata municipalities and the involvement of departmental technician from the Ministry of Sustainable Development is a strong commitment to all stakeholders to make success NDA; AE; EE successful. The SAP will contains a section on M & E mechanism that will be set up for reporting and evaluation, and will take into account reporting and evaluation requirements of the GCF and that involves all the actors NDA, AE , AE, institutional and local actors ..

This is a forest of more than 50 years. Tones of carbon buried in the ground are therefore escaping considerably and cause ozone problems and, in this case, environmentalists and experts in charge of sustainable development as *the NDA, AE, EE* and/or other will not take the risk of not providing protection , this is one of the reasons for the financial contribution of the GCF , wich involves all the actors .

C.5 Monitoring and Evaluation and reporting plans (max ¼ page)

Explain why the Project requires GCF funding, i.e. explaining why this is not financed by the public and/ or private sector(s) of the country.

The project requires funding from the Green Climate Fund because GCF criteria can be checked and also because national financial institutions do not offer opprtunities for financing this type of project. In addition, the Environmental Response Fund, which is the only institution likely to do so, does not exceed a financial envelope of 10 M USD. We are seeking funding because our country has ratified the United Nations Framework Convention on Climate Change which makes this fund available to countries highly vulnerable to various climate shocks to benefit from mitigation and **adaptation** actions.. The activities that will be implemented for the setting up of this system include:

- identification of project-level indicators
 - identification of baseline ,
 - definition of ME targets for the duration of the project
 - definition of the operational modalities for the implementation of the participatory ME system
 - pre-contract services, including the review of tender documents
- an expert in green fundings NDA or AE or Direct Acces Entity will be contracted to have Quality Project Document. He will be assisted by a financial adviser and an expert in contracting with partners. The final document will be validated by key stakeholders and by the monitoring Committee. The following activities will be implemented:
- development of project document
 - final review of the document by a specialist of green climate fund (back up) before validation by the formulation monitoring committee.

D. Annex

- ESS screening check list (Annex 1)
- Map indicating the location of the project (as applicable)
- Evaluation Report of previous project (as applicable)

Evaluation :Report on previous project (as applicable)

Koubri and Bakata are linked by this project financed by the Green Climate Fund ,This project will lead to twinning, at local level, between these two municipalities for resilient management of the project

For this purpose :

1. Two friendship and working visits will be conducted in Koubri and Bakata for project sustainability :
 - a meeting will be conducted in Koubri six months after the launching of works relating to the project

- a meeting will be conducted in Bakata 12 months after the launching of works relating to the project

* The organization of these two meetings will be made by Mayors of the two municipalities.

2 Voluntary advisers, now beneficiaries of the Green Climate Fund, will become Ambassadors of the Green Climate Fund and climate change for the two and other municipalities for possible duplications of good practices of adaptation to climate change learned throughout the project.

3 Lessons learned from this project and meetings will be edited and made available to populations. The two municipalities will be responsible for such editing.

These are the monitoring and evaluation methods that will be presented to populations at the launching of works relating to the project.

Farms and houses were devastated

Annex 1: Environmental and Social Screening Checklist

Part A: Risk Factors

The questions describe the “risk factors” of activities that would require additional assessments and information. Any “Yes” response to the questions will render the proposal not eligible for the Simplified Approval Process Pilot Scheme. Proposals with any of the risk factors may be considered under the regular project approvals process instead.

Exclusion criteria	YES	NO
Will the activities involve associated facilities and require further due diligence of such associated facilities?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Will the activities involve trans-boundary impacts including those that would require further due diligence and notification to downstream riparian states?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Will the activities adversely affect working conditions and health and safety of workers or potentially employ vulnerable categories of workers including women, child labour?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Will the activities potentially generate hazardous waste and pollutants including pesticides and contaminate lands that would require further studies on management, minimization and control and compliance to the country and applicable international environmental quality standards?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Will the activities involve the construction, maintenance, and rehabilitation of critical infrastructure (like dams, water impoundments, coastal and river bank infrastructure) that would require further technical assessment and safety studies?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Will the proposed activities potentially involve resettlement and dispossession, land acquisition, and economic displacement of persons and communities?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Will the activities be located in protected areas and areas of ecological significance including critical habitats, key biodiversity areas and internationally recognized conservation sites?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Will the activities affect indigenous peoples that would require further due diligence, free, prior and informed consent (FPIC) and documentation of development plans?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Will the activities be located in areas that are considered to have archaeological (prehistoric), paleontological, historical, cultural, artistic, and religious values or contains features considered as critical cultural heritage?	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Part B: Specific environmental and social risks and impacts

Assessment and Management of Environmental and Social Risks and Impacts	YES	NO	TBD
Has the AE provided the E&S risk category of the project in the concept note?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Has the AE provided the rationale for the categorization of the project in the relevant sections of the concept note or funding proposal?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Is there any additional requirement required by the country?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Are the identification of risks and impacts based on recent or up-to-date information?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Labour and Working Conditions	YES	NO	TBD
Will the proposed activities expected to have impacts on the working conditions, particularly the terms of employment, worker’s organization, non-discrimination, equal opportunity, child labour, and forced labour of direct, contracted and third-party workers?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Will the proposed activities pose occupational health and safety risks to workers including supply chain workers?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Resource Efficiency and Pollution Prevention	YES	NO	TBD
Will the activities expected to generate (1) emissions to air; (2) discharges to water; (3) activity-related greenhouse gas (GHG) emission; and (5) waste?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Will the activities expected to utilize natural resources including water and energy?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Will there be a need to develop detailed measures to reduce pollution and promote sustainable use of resources?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Community Health, Safety, and Security	YES	NO	TBD
Will the activities potentially generate risks and impacts to the health and safety of the affected communities?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Will there a need for an emergency preparedness and response plan that also outlines how the affected communities will be assisted in times of emergency?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Will there be risks posed by the security arrangements and potential conflicts at the project site to the workers and affected community?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Land Acquisition and Involuntary Resettlement	YES	NO	TBD
Will the activities likely involve voluntary transactions under willing buyer-willing-seller conditions and has these been properly communicated and consulted?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Biodiversity Conservation and Sustainable Management of Living Natural Resources	YES	NO	TBD
Will the activities likely introduce invasive alien species of flora and fauna affecting the biodiversity of the area?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Will the activities have potential impacts on or dependent on ecosystem services including production of living natural resources?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Indigenous Peoples	YES	NO	TBD
Will the activities likely to have indirect impacts on indigenous peoples?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Will continuing stakeholder engagement process and grievance redress mechanism be integrated into the management / implementation plans?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cultural Heritage	YES	NO	TBD
Will the activity allow continuous access to the cultural heritage sites and properties?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Will there be a need to prepare a procedure in case of discovery of cultural heritage assets?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Sign-off: *Specify the name of the person responsible for the environmental and social screening and any other approvals as may be required in the accredited entity's own management system.*

Marie H el ene BOUDA ,  conomiste gestionnaire, ancien maire de la commune de BAKATA, et charg ee du management des projets du monast ere