



## TABLE OF CONTENTS

|                |   |           |
|----------------|---|-----------|
| <b>1.</b>      | <b>Pre-project context</b> .....  | <b>4</b>  |
| <b>1.1.</b>    | <b>Origin</b> .....   | <b>4</b>  |
| <b>1.2.</b>    | <b>Pre-project relevance</b> .....  | <b>4</b>  |
| <b>1.2.1.</b>  | <b>Conformity with ITTO objectives and priorities</b> .....   | <b>4</b>  |
| <b>1.2.2.</b>  | <b>Relevance to the submitting country’s policies</b> .....   | <b>5</b>  |
| <b>2.1</b>     | <b>Objectives</b> .....   | <b>6</b>  |
| <b>2.1.1</b>   | <b>Development objective</b> .....  | <b>6</b>  |
| <b>2.1.2</b>   | <b>Specific objective</b> .....   | <b>6</b>  |
| <b>2.2</b>     | <b>Problem to address</b> .....   | <b>6</b>  |
| <b>3</b>       | <b>INTERVENTIONS</b> .....  | <b>7</b>  |
| <b>3.1</b>     | <b>Outputs</b> .....  | <b>7</b>  |
| <b>3.2</b>     | <b>Activities</b> .....   | <b>7</b>  |
| <b>3.3</b>     | <b>Approaches and strategic methods</b> .....   | <b>8</b>  |
| <b>3.3.1</b>   | <b>Collecting baseline information and data on gallery forests in the Delta Mono Biosphere Reserve</b> .....                            | <b>8</b>  |
| <b>3.3.1.1</b> | <b>Inventory of gallery forest resources</b> .....  | <b>8</b>  |
| <b>3.3.1.2</b> | <b>Mapping of gallery forests</b> .....   | <b>8</b>  |
| <b>3.3.1.3</b> | <b>Conducting consultations with stakeholders and assessment of management capacities</b> .....   | <b>9</b>  |
| <b>3.3.2</b>   | <b>Developing a project for the restoration and sustainable management of gallery forests in the Mono Delta Biosphere Reserve</b> ..... | <b>9</b>  |
| <b>3.4</b>     | <b>Work plan</b> .....  | <b>10</b> |
| <b>3.5</b>     | <b>Master budget schedule</b> .....   | <b>11</b> |
| <b>4</b>       | <b>PRE-PROJECT IMPLEMENTATION MECHANISM</b> .....   | <b>15</b> |
| <b>4.1</b>     | <b>Executing agency and organizational structure</b> .....  | <b>15</b> |
| <b>4.2</b>     | <b>Monitoring and reporting</b> .....   | <b>15</b> |
|                | <b>ANNEX 1. Profile of the executing agency</b> .....   | <b>16</b> |
|                | <b>ANNEX 2. CVs of key personnel provided by the executing agency</b> .....   | <b>19</b> |
|                | <b>ANNEX 3. Terms of reference of personnel and consultants funded by ITTO</b> .....  | <b>23</b> |
|                | <b>ANNEX 4. Pre-project assessment by the 56th Expert Panel</b> .....   | <b>25</b> |
|                | <b>ANNEX 5. Recommendations by the 56th Expert Panel and resulting modifications</b> .....  | <b>26</b> |

## ABBREVIATIONS AND ACRONYMS

|          |   |
|----------|---|
| CENAGREF | National Center for the Management of Wildlife Reserves ( <i>Centre National de Gestion des Réserves de Faune</i> )                                       |
| CHM      | : Clearing-House Mechanism (information exchange platform of the Convention on Biological Diversity)  |
| DGEFC    | : General Directorate of Water, Forests and Hunting ( <i>Direction Générale des Eaux, Forêts et Chasse</i> )  |
| EA       | : Executing agency  |
| GF       | : Gallery Forest  |
| GIS      | : Geographic Information System   |
| ha       | : Hectare   |
| IGA      | : Income-Generating Activity  |
| ITTA     | : International Tropical Timber Agreement   |
| ITTO     | : International Tropical Timber Organization  |
| IUCN     | : International Union for Nature Conservation   |
| MCVDD    | : Ministry of the Living Environment and Sustainable Development ( <i>Ministère du Cadre de Vie et du Développement Durable</i> )                         |
| MDBR     | : Mono Delta Biosphere Reserve ( <i>Réserve de Biosphère du Delta du Mono</i> )   |
| NGO      | : Non-governmental organization   |
| PAE      | : Environmental Action Plan ( <i>Plan d'Action Environnemental</i> )  |
| PAG      | : Government Action Plan (Plan action du Gouvernement)  |
| PAGEFCOM | : Municipality Forest Management Support Project (Projet d'Appui à la Gestion des Forêts Communales)  |
| PEFC     | : Water, Forests and Hunting Program ( <i>Programme Eaux, Forêts et Chasse</i> )  |
| PGFTR-FA | : Forests and Adjacent Land Management Program ( <i>Programme de Gestion des Forêts et Terroirs Riverains</i> )   |
| PRI      | : Intensive Reforestation Program ( <i>Programme de Reboisement Intensif</i> )  |
| PSBE-GAZ | : Project for the Substitution of Wood Energy by Gas (Projet de Substitution du Bois Énergie par le Gaz)  |
| SCRP     | : Growth strategy for Poverty Reduction ( <i>Stratégie de Croissance pour la Réduction de la Pauvreté</i> )   |
| SH       | : Stakeholders  |
| SPANB    | : National Strategy and Action Plan for Biodiversity Conservation ( <i>Stratégies et Plan d'Action National pour la Conservation de la Biodiversité</i> ) |
| ToR      | : Terms of Reference  |

## **1. Pre-project context**

### **1.1. Origin**

The Mono Delta Biosphere Reserve (MDBR) extends over a large area and is an integral part of the RAMSAR 1017 site. It is located in a wetland of international importance created by the Mono River which borders Benin and Togo. The MDBR is also a coastal marine area with strong potential for ecotourism (cultural and religious features) is very popular with the populations of Porto-Novo, Cotonou, Ouidah and the neighboring city of Lomé.

In addition, the MDBR features a diversity of landscapes which are not part of the current network of protected areas in Benin, in particular the coastal areas, the wetlands (Ramsar site 1017), the Guinean savannas, the alluvial plains of the Mono River, the vertisol depression of Tchi, the peninsulas and islets of sacred forests. These different landscapes are characterized by ecosystems typical of the Dahomean furrow (Dahomey Gap) across plains, plateaus and marine and coastal environment of the Atlantic Ocean (mangroves, swamp meadows, swamp forests, riparian forests, etc.). The different ecosystems are home to a diversity of flora and fauna, some of which are threatened in Benin and Africa and internationally (mangrove tree species, sea turtles, African manatee, hippopotamus, Palearctic migratory birds, red-bellied monkey, pangolin, etc.). In other words, the MDBR harbors threatened ecosystems and endangered species of international importance and its conservation is therefore an urgent need.

The degradation of the MDBR ecosystems represents a major threat for biological diversity and the life of local communities highly dependent on their resources. Despite their socio-economic and ecological importance, these unique ecosystems have long been neglected. Available knowledge on these areas is very sketchy and scattered. The botanical, ecological, wildlife, socioeconomic and cartographic studies on gallery forests (GF) are very limited. This lack of information hinders all effective actions for the conservation and sustainable management of these resources. In order to address this situation, this pre-project plans to conduct an inventory of the potential of forest islands to collect baseline data with a view to developing an appropriate sustainable management program.

The DGEFC supports the participatory management of ecosystems and natural resources and will work in collaboration with municipal administrations, traditional authorities, and local stakeholders for the conservation and management of gallery forest ecosystems of the MDBR.

This pre-project was developed on the basis of survey data on the area. During this identification phase, consultation sessions were held with a number of stakeholder groups. Following these exchanges, local people expressed their desire to rehabilitate the gallery forests.

### **1.2. Pre-project relevance**

#### **1.2.1. Conformity with ITTO objectives and priorities**

The ITTO is one of the main international organizations concerned with the conservation and sustainable management of forests. This pre-project meets the ITTO objectives listed in Article 1 of the ITTA of 2006. These objectives are listed in subparagraphs c, f, j et q.

#### **c. Contributing to sustainable development and to poverty alleviation**

This pre-project aims to contribute to the sustainable management of gallery forests and to improve the standard of living of local people. In practical terms, the pre-project will contribute to developing simplified plans for the development and participatory management of gallery forests, and will identify the opportunities for developing income-generating activities to reduce the pressure on gallery forests. The pre-project will also contribute to the training and capacity building of stakeholders involved directly in the sustainable management of those forests.

#### **f. Promoting and supporting research and development with a view to improving forest management and efficiency of wood utilization and the competitiveness of wood products relative to other materials, as well as increasing the capacity to conserve and enhance other forest values in timber producing tropical forests**

The project will undertake awareness-raising activities on gallery forests located in the Ramsar 1017 site in South Benin. In addition, it will facilitate the establishment of a local network for the publication

and dissemination of information on gallery forests. A diagnosis and zoning of gallery forests will be conducted, and a monitoring and evaluation system will be implemented for the management of harvesting sequences.

**j. Encouraging members to support and develop tropical timber reforestation, as well as rehabilitation and restoration of degraded forest land, with due regard for the interests of local communities dependent on forest resources**

The project will consider the possibility of creating buffer zones and of planting fast-growing species for fuelwood, medicinal plants and indigenous timber species.

**q. Promoting better understanding of the contribution of non-timber forest products and environmental services to the sustainable management of tropical forests with the aim of enhancing the capacity of members to develop strategies to strengthen such contributions in the context of sustainable forest management, and cooperating with relevant institutions and processes to this end**

The pre-project will conduct a survey on the socio-economic aspects of the forests. The information will be used in the planning process. The pre-project will also initiate development activities aimed at seeking community support towards achieving its objectives.

**The pre-project is also in line with the ITTO Strategic Action Plan 2013-2018 as it falls within two of the five thematic program areas defined in the Plan, as follows:**

- **Management of municipal and community forests, and related enterprises;**
- **Reduction of deforestation and forest degradation, and enhancement of environmental services in tropical forests**

**In addition, the pre-project is in line with Strategic Priority 3, “Enhance the conservation and sustainable use of biodiversity in tropical timber producing forests”, and Strategic Priority 4 “Reduce tropical deforestation and forest degradation and enhance the provision of environmental services” of the ITTO Strategic Action Plan 2013-2018.**

In addition, the pre-project is in line with the ITTO/IUCN Guidelines for the Conservation and Sustainable Use of Biodiversity in Tropical Timber Production Forests, in particular Principle 9: Biodiversity considerations at the forest management unit level which states “An effective forest management planning process, in which economic, social and environmental objectives are balanced in accordance with societal needs and priorities, is essential for setting and achieving biodiversity conservation and sustainable use goals”.

**1.2.2. Relevance to the submitting country’s policies**

This pre-project is in line with the national and international policies of Benin

**From a national perspective:**

This pre-project proposal is in accordance with Law No. 93-009 of July 2, 1993 establishing the forest regime in the Republic of Benin which stipulates that the forest management plan developed with the participation of local communities shall define the objectives assigned to forests and the means to achieve them: It is based on the principles of conservatory management and sustained production. The framework law on the environment in the Republic of Benin (Law N° 98-030 of February 1, 1999) stipulates in Articles 55 and 56 that forests, whether public or private, are part of the national heritage which must be managed while keeping in mind environmental concerns so that the protective functions of forests are not undermined by economic, social or recreational uses. In addition, Article 56 states that forests shall be protected against all forms of degradation, pollution or destruction resulting in particular from overlogging, grazing and excessive clearings, as well as fire, burning, diseases or the introduction of unsuitable species. This pre-project is in line with the priorities defined in the Government Action Plan whereby the Government undertakes to reverse the trend of forest cover degradation by strengthening the legislative and regulatory framework in this area; improving the management of fragile systems (wetlands, coastlines and marginal ecosystems).

In addition, this project is in line with the Priority Action Program of the Growth Strategy for Poverty Reduction (SCRIP) defining the National Program for the Sustainable Management of Natural Resources which aims, among other things, to: i) promote alternative energies in order to meet the domestic energy needs of urban centers; ii) support municipalities and grassroots communities for the sustainable management of forests and nature reserves with high wildlife potential, through the

process of developing and implementing participatory management plans; iii) ensure an equitable distribution of income derived from forest resources; v) strengthen the legislative and regulatory framework for the promotion of natural resources sustainable management by the municipalities and the private sector; vi) ensure the establishment and sustainable management of community biological reserves in wetlands, in particular Lakes Nokoué and Ahémé, and the valleys of the Ouémé and Mono Rivers; and vii) develop and implement a national reforestation program taking into account the specificities of the different forest categories and agro-ecological zones.

This project is also in line with the sectoral strategies and policies of the Ministry of the Living Environment and Sustainable Development (MCVDD), and in particular the National Strategy and Action Plan for Biodiversity Conservation (SPANB 2011-2020), the National Strategy for the Implementation of the United Nations Framework Convention on Climate Change, the Environmental Action Plan, and the forestry policy document which aims to contribute to the sustainable management of forest resources in wetlands with a view to improving local community income and living conditions.

### **From an international perspective:**

Benin is a signatory to a number of international conventions and agreements, including the Convention on International Trade in Endangered Species of Wild Fauna and Flora (CITES); the RAMSAR Convention on Wetlands; the Convention on Biological Diversity (CBD), the United Nations Framework Convention on Climate Change (UNFCCC), and in particular the International Tropical Timber Agreement (ITTA, 2006). Pre-project implementation will help to collect information on Ramsar sites 1017 and 1018, and to secure the necessary funds for undertaking actions in relation to sustainable forest management, efforts that will all contribute to fulfilling these international commitments.

## **2. RATIONALE**

### **2.1 Objectives**

#### **2.1.1 Development objective**

To contribute to the conservation and sustainable management of the Mono Delta Biosphere Reserve by building the capacities of local people with a view to improving their living conditions.

#### **2.1.2 Specific objective**

To assess the potential of gallery forests in the Mono Delta Biosphere Reserve, with a view to developing a project proposal for their sustainable management.

### **2.2 Problem to address**

Forests hold an important place in the life of local people in Benin, and essentially fulfill three functions, as follows:

- ecological function (protect water sources, protect soil against erosion, serve as habitat for animals and plants),
- religious function (sheltering deities, places of worship, rituals and other ceremonies),
- socio-economic and cultural function (timber harvesting, medicinal and food plants and other non-timber forest products, places of initiation, etc.).

The small size and the level of degradation in the Mono Delta gallery forests is an issue to ensure their management. Their dwindling size hinders the development of large-scale efforts.

The degradation of ecosystems poses a significant threat to the livelihoods of communities. Following a brief investigation and consultations with stakeholders, it emerged that the key problem of Benin's wetlands is linked to the fact that forest resources are not sustainably managed. The main causes of this problem are threefold, namely:

1. Baseline information on gallery forests is lacking in Benin.

The lack of information on the potential of gallery forests is one of the causes of neglect and underestimation of their role in the functioning of the ecosystem.

2. Low capacity of gallery forest managers

The absence of regulations, consultation mechanisms and tools for the sustainable management of gallery forests has fostered the uncontrolled utilization of resources.

The above issues resulted in:

- The rapid degradation of ecosystems in gallery forests;
- The decrease in livelihoods for local communities.

The development of the pre-project is justified by the lack of information, which precludes directly developing a full project proposal. The lack of reliable and recent data on gallery forests combined to the unavailability of material and financial resources constitute major handicaps. To be able to develop a full project proposal requires the availability of reliable data from sound studies. The pre-project will also make it possible to define strategies to bring consistency and synergy to all the actions underway in gallery forests under the system of protected areas and the support project for forest management.

**The degradation of ecosystems poses a significant threat to the sustainability of livelihoods for communities. The investigations conducted have shown that the fundamental problem of the Mono Delta Biosphere Reserve gallery forests is the absence of sustainable management. This will inevitably lead to their disappearance. There are three main causes of this problem:**

- ✓ **Over-exploitation of gallery forest resources;**
- ✓ **Low income from gallery forests;**
- ✓ **The absence of a formal framework for the protection of gallery forests;**

**1. Over-exploitation of gallery forest resources;**

**The high population density in southern Benin has adversely affected forest resources both on the land and in the gallery forests. Gallery forests now need to satisfy requirements for timber forest products when these were formerly covered by land resources. This situation has led to an overexploitation of available resources with the consequent degradation of the gallery forests. The available potential of these forests is not known. The development of management tools (simple management plans), the improvement of cropping techniques and the development of reforestation will help to reduce the pressures on gallery forests.**

**2. Low income from gallery forests;**

**The local populations in the gallery forests derive their main income from agriculture and forest resources. Limited knowledge of the possibilities for the enhancement of gallery forest resources, and the complete lack of means for enhancing potential keep the local populations in a vicious cycle of poverty with the consequential increased degradation and deforestation of the gallery forests.**

**3. Absence of a formal framework for the protection of gallery forests**

**Unlike gazetted forests gallery forests do not have a formal protection framework. Due to the erosion of the traditional powers of dignitaries and in spite of their desire to conserve them, sacred forests can no longer withstand the various human pressures they face. Furthermore, the absence of mechanisms for consultation between the actors responsible for the management of the gallery forests has also led to their degradation and destruction.**

**This is resulting in the degradation and disappearance of the gallery forests with loss of biodiversity and a reduction in the livelihoods of local communities.**

**Implementation of this project will resolve the issues mentioned above, halting their degradation and initiating their sustainable management.**

### **3 INTERVENTIONS**

#### **3.1 Outputs**

Two main outputs are expected from pre-project implementation.

**Output 1:** Baseline information on the potential of gallery forests in the Mono Delta Biosphere Reserve is available

**Output 2:** A support project for the restoration and sustainable management of gallery forests in the Mono Delta Biosphere Reserve is developed and submitted to the ITTO for approval

#### **3.2 Activities**

The following activities will be implemented to achieve above outputs:

**Output 1:** Baseline information on the potential of gallery forests in the Mono Delta Biosphere Reserve is available

**Activity 1.1:** Establish and operationalize the pre-project steering unit

**Activity 1.2:** Conduct an inventory survey of gallery forests in the Mono Delta Biosphere Reserve

**Activity 1.3:** Conduct a socio-economic survey of gallery forests in the Mono Delta Biosphere Reserve

**Activity 1.4:** Conduct a detailed mapping survey of gallery forests in the Mono Delta Biosphere Reserve

**Activity 1.5:** Conduct project environmental and social impact assessment

**Activity 1.6:** Hold awareness-raising sessions for stakeholders

**Activity 1.7:** Hold a feedback workshop for reporting survey findings to stakeholders

**Output 2:** A support project for the restoration and sustainable management of gallery forests in the Mono Delta Biosphere Reserve is developed and submitted to ITTO for approval

**Activity 2.1:** Develop a full project proposal for the sustainable management of gallery forests in the Mono Delta Biosphere Reserve

**Activity 2.2:** Validate and submit the project proposal to the ITTO for funding

### **3.3 Approaches and strategic methods**

Pre-project implementation will be carried out by a multidisciplinary team made up of foresters, socio-economist geographer/cartographer and specialists in the integrated management of wetlands with the participation of local people. The specific surveys will involve consultations. The pre-project will be implemented in two main stages: Collect baseline data; and develop a sustainable management program for gallery forests. A select committee comprising dignitaries and municipal authorities will be established to provide advice and participate in pre-project implementation and project development.

**The required surveys will be based on relevant aspects of the *ITTO Environmental and Social Management Guidelines (PS-23)*, regarding the socio-economic survey to be conducted as part of pre-project implementation.**

#### **3.3.1 Collecting baseline information and data on gallery forests in the Delta Mono Biosphere Reserve**

##### **3.3.1.1 Inventory of gallery forest resources**

Surveys will be conducted to inventory the different plant and animal species and all other important resources, their condition and their interests for the communities of the targeted municipalities. Field visits and discussions with stakeholders will be held in order to inventory local resources and their uses, as well as to identify anthropogenic activities that have impacts, or none, on these ecosystems. Questionnaires will be used to discuss the possibilities of conservation and development in these areas. The pre-project implementation team will also carry out a summary assessment of the current state of gallery forest resources. This assessment will include: (1) defining threats to forests; (2) biological resources in gallery forests (including threatened and rare species); and (3) the real contribution of GFs to the preservation of biodiversity and the livelihoods of local people.

##### **3.3.1.2 Mapping of gallery forests**

Based on the information collected and desktop review, the pre-project team will establish a mapping of sites and GFs. The survey and mapping will include the geographic positions of the targeted areas and information on the groups and communities/villages using these sites. The methodological approach used for mapping of forests in the targeted areas will be based on the Geographic Information System (GIS) combined with remote sensing. The first step will be to research and collect all planimetric documents relating to the study area. Existing maps, aerial photographs and satellite images (if possible) will be documented. Secondly, chart bases (topography, infrastructure,

hydrographic network, type of soil, locality, administrative boundaries, etc.) will be recovered on existing maps. Digital or visual classifications will be made from satellite images or existing aerial photos which will allow us to produce raw maps. The raw maps will then be validated after field verifications using GPS. Additional information (land use, human activities, soil condition, state of vegetation, etc.) will be integrated and the development map of formations in the targeted areas will be produced. Mapping work will be performed using Arcview software.

### **3.3.1.3 Conducting consultations with stakeholders and assessment of management capacities**

A series of stakeholder consultations will be held to encourage local and national ownership of actions in order to consolidate community management in these areas. Target stakeholders will include, representatives of the General Directorate of Water, Forests and Hunting, the Ministry of Agriculture, Livestock and Fisheries, municipal authorities, NGOs, civil society organizations, community leaders, religious and cultural leaders and neighboring communities (women and young people in particular). A detailed analysis of these stakeholders will be carried out to define their respective roles.

Collected data will be used to analyze the conditions under which resources can be restored and better used. The main barriers to carrying out actions proposed by the pre-project will be addressed as well as the potential barriers to cooperation between participating groups.

Field surveys will be carried out in participatory evaluation groups. Surveys will collect information on:

- population data in the pre-project area;
- users of products from the pre-project area and all other development partners involved in the conservation, restoration and sustainable management of gallery forest biodiversity in the area;
- main economic activities in the area, and needs and income of local communities;
- conditions of access to land ownership and land-use rights for people as well as their involvement in natural resource use-related activities, while taking into account gender issues;
- techniques of utilization, production, restoration and valorization of resources, including existing traditional development and management techniques;
- income-generating activities (IGAs) that could be carried out in combination with the conservation and sustainable management of natural resources while proposing concrete actions for capacity building;
- attitudes of communities towards forest conservation and environmental protection, while testing their receptivity to the introduction of innovations in the sustainable management of gallery forests.

The activity aimed at stakeholder engagement will yield the following results:

- Matrix of stakeholders;
- Plan for stakeholder involvement and capacity building;
- Identification of income-generating activities to be implemented and of resources of economic and cultural importance which could be sustainably harvested with a view to integrating them into conservation activities.

The capacity of local committees and managers will be analyzed to determine areas where support will be required to strengthen sustainable participation in community-based management.

### **3.3.2 Developing a project for the restoration and sustainable management of gallery forests in the Mono Delta Biosphere Reserve**

The development of a project for the rehabilitation and sustainable management of GFs will therefore depend on the interest that respective local communities derive from these ecosystems and on the potential importance at the national level of conserving these environments. An awareness-raising and information meeting will therefore be held with the communities of targeted areas where urgent actions for the conservation and development of these ecosystems are needed. The people will describe the benefits of these ecosystems in their respective environments (interests, causes and consequences of their degradation, and the solutions they recommend). A consensus will be found together for sustainable development.

Project costs will be evaluated on the basis of abovementioned steps, and its monitoring and evaluation plan defined. It will include the analysis of:

- Benin's wetland management system and its applicability to the management of gallery forests and buffer zones.

- Barriers to the implementation of effective management of gallery forests in the Mono Delta Reserve in Benin
- Costs of expected results and outputs, sources of co-funding;
- Local, national and global environmental benefits sought;
- Comprehensive risk assessment that will be carried out and mitigating measures that will be planned. Climate change will likely be part of the risk analysis (and their analysis will be based on current data).
- Costs-benefits to identify more efficient project alternatives.
- Social, institutional, economic and financial sustainability of planned project activities.
- Project monitoring and evaluation plan, with baseline levels, impact indicators and objectives required to monitor the progress and effectiveness of the project.

### 3.4 Work plan

| Outputs/Activities  | Party in charge/<br>Collaborator | MONTH |   |   |   |   |   |   |   |   |    |
|---|----------------------------------|-------|---|---|---|---|---|---|---|---|----|
|   |                                  | 1     | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| <b>Output 1:</b> Baseline information on the potential of gallery forests in the Mono Delta Biosphere Reserve is available  |                                  |       |   |   |   |   |   |   |   |   |    |
| <b>Activity 1.1:</b> Establish and operationalize the pre-project steering unit   | DGEFC                            |       |   |   |   |   |   |   |   |   |    |
| <b>Activity 1.2:</b> Conduct an inventory survey of gallery forests in the Mono Delta Biosphere Reserve   | EP/DGEFC and SH                  |       |   |   |   |   |   |   |   |   |    |
| <b>Activity 1.3:</b> Conduct a socio-economic survey of gallery forests in the Mono Delta Biosphere Reserve   | EP/DGEFC and SH                  |       |   |   |   |   |   |   |   |   |    |
| <b>Activity 1.4:</b> Conduct a detailed mapping survey of gallery forests in the Mono Delta Biosphere Reserve   |                                  |       |   |   |   |   |   |   |   |   |    |
| <b>Activity 1.5:</b> Conduct project environmental and social impact assessment   | EP/DGEFC and SH                  |       |   |   |   |   |   |   |   |   |    |
| <b>Activity 1.6:</b> Hold awareness-raising sessions for stakeholders   | EP/DGEFC                         |       |   |   |   |   |   |   |   |   |    |
| <b>Activity 1.7:</b> Hold a feedback workshop for reporting survey findings to stakeholders   | EP/DGEFC and NE                  |       |   |   |   |   |   |   |   |   |    |
| <b>Output 2:</b> A support project for the restoration and sustainable management of the Mono Delta Biosphere Reserve is developed and submitted to the ITTO for approval |                                  |       |   |   |   |   |   |   |   |   |    |
| <b>Activity 2.1:</b> Develop a full project proposal for the sustainable management of gallery forests in the Mono Delta Biosphere Reserve                                | EN/DGEFC /EN                     |       |   |   |   |   |   |   |   |   |    |
| <b>Activity 2.2:</b> Validate and submit the project proposal to the ITTO for funding   | DGEFC                            |       |   |   |   |   |   |   |   |   |    |
| <b>Activity 2.3:</b> Produce the pre-project final report   | DGEFC                            |       |   |   |   |   |   |   |   |   |    |

**DGEFC:** General Directorate of Water, Forests and Hunting

**NE:** National expert

**SH:** Stakeholders

### 3.5 Master budget schedule

The pre-project budget is shown in the master budget schedule below. It provides a breakdown of the costs of the activities, indicating the quantities, unit costs, the total and distribution per funding source.

| Outputs/<br>Activities | Description   | Budget<br>component | Quantity  | Unit     | Unit<br>cost<br>(\$EU) | Total<br>cost<br>(\$EU) | ITTO        | EA    |
|------------------------|---|---------------------|-----------|----------|------------------------|-------------------------|-------------|-------|
| <b>Output 1</b>        | Baseline information on the potential of gallery forests in the Mono Delta Biosphere Reserve is available   |                     |           |          |                        |                         |             |       |
| <b>A 1.1:</b>          | Establish and operationalize the pre-project steering unit  |                     |           |          |                        |                         |             |       |
|                        | 1 Pre-project coordinator   | 11                  | 10        | Hm       | 1500                   | 15000                   |             | 15000 |
|                        | 1 Project monitoring and evaluation assistant   | 12.1                | 10        | Hm       | 1000                   | 10000                   | 10000       |       |
|                        | 1 Administrative and financial secretary  | 12.3                | 10        | Hm       | 750                    | 7500                    | 7500        |       |
|                        | 1 Driver for courier vehicle  | 12.4                | 10        | Hm       | 250                    | 2000                    |             | 2000  |
|                        | <b>Duty travel</b>  | <b>31</b>           | <b>10</b> | <b>m</b> | <b>350</b>             | <b>3500</b>             | <b>3500</b> |       |
|                        | Fuel and lubricants   | 51                  | 10        | m        | 150                    | 1200                    | 1200        |       |
|                        | Vehicle spare parts and maintenance   | 52                  | 10        | m        | 200                    | 2000                    | <b>2000</b> |       |
|                        | Office supplies   | 54                  | 10        | m        | 250                    | 2500                    | 2500        |       |
|                        | Utilities   | 53                  | 10        | m        | 150                    | 1500                    |             | 1500  |
|                        | Office rental   | 62                  | 10        | m        | 300                    | 3000                    |             | 3000  |
| <b>A 1.2</b>           | Conduct an inventory survey of gallery forests in the Mono Delta Biosphere Reserve  |                     |           |          |                        |                         |             |       |
|                        | National consultant in forest inventory   | 20                  | 4         | m        | 3000                   | 12000                   | 12000       |       |
| <b>A 1.3</b>           | Conduct a socio-economic survey of gallery forests in the Mono Delta Biosphere Reserve  |                     |           |          |                        |                         |             |       |
|                        | National consultant in socio-economics  | 21                  | 2,5       | m        | 3000                   | 7500                    | 7500        |       |
| <b>A 1.4</b>           | Conduct a detailed mapping survey of gallery forests in the Mono Delta Biosphere Reserve  |                     |           |          |                        |                         |             |       |
|                        | Hiring of mapping consultant  | 22                  | 2,5       | m        | 3000                   | 7500                    | 7500        |       |
| <b>A 1.5</b>           | Conduct the project environmental and social impact assessment  |                     |           |          |                        |                         |             |       |
|                        | Consultant in environmental and social impact surveys   | 23                  | 2,5       | m        | 3000                   | 7500                    | 7500        |       |
| <b>A 1.6</b>           | Hold awareness-raising sessions for stakeholders  |                     |           |          |                        |                         |             |       |
|                        | 10 day-Mission, 4 participants  | 30                  | 40        | Hj       | 80                     | 3200                    | 3200        |       |
| <b>A 1.7</b>           | <b>Validate conducted surveys</b>   |                     |           |          |                        |                         |             |       |
|                        | Hold a feedback workshop for reporting survey findings to stakeholders (50 participants, 1 day)   | 63                  | 50        | Hj       | 50                     | 2500                    | 2500        |       |
| <b>Output 2:</b>       | A support project for the restoration and sustainable management of gallery forests in the Mono Delta Biosphere Reserve is developed and submitted to the ITTO for approval |                     |           |          |                        |                         |             |       |
| <b>A .2.1</b>          | Submit a project proposal on gallery forests to the ITTO for funding  |                     |           |          |                        |                         |             |       |
|                        | 1 Expert for project proposal development   | 24                  | 2         | Hm       | 3000                   | 6000                    | 6000        |       |
|                        | Project validation workshop for stakeholders  | 63                  | 100       | Hj       | 50                     | 5000                    | 5000        |       |
|                        | Audit   | 64.                 |           |          |                        | 2500                    | 2500        |       |
|                        | <b>ITTO monitoring and review costs</b>   | <b>81</b>           |           |          |                        | <b>3000</b>             | <b>3000</b> |       |
|                        | ITTO support program costs (12% on 10-82 above items)   | 83                  |           |          |                        | <b>9804</b>             | <b>9804</b> |       |

EA: Executing Agency

**Consolidated budget by component (US\$)**

| Budget component | Description   | Total        | Month       |              |              |             |             |             |             |             |             |             |
|------------------|---|--------------|-------------|--------------|--------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
|                  |   |              | 1           | 2            | 3            | 4           | 5           | 6           | 7           | 8           | 9           | 10          |
| 10               | Personnel   |              |             |              |              |             |             |             |             |             |             |             |
|                  | 11.1 Pre-project coordinator  | 15000        | 1500        | 1500         | 1500         | 1500        | 1500        | 1500        | 1500        | 1500        | 1500        | 1500        |
|                  | 12.1 Project monitoring and evaluation assistant  | 10000        | 1000        | 1000         | 1000         | 1000        | 1000        | 1000        | 1000        | 1000        | 1000        | 1000        |
|                  | 12.3 Administrative and financial secretary   | 7500         | 750         | 750          | 750          | 750         | 750         | 750         | 750         | 750         | 750         | 750         |
|                  | 12.4. Driver for courier vehicle  | 4000         | 400         | 400          | 400          | 400         | 400         | 400         | 400         | 400         | 400         | 400         |
|                  | <b>19. Component total</b>  | <b>36500</b> | <b>3650</b> | <b>3650</b>  | <b>3650</b>  | <b>3650</b> | <b>3650</b> | <b>3650</b> | <b>3650</b> | <b>3650</b> | <b>3650</b> | <b>3650</b> |
| 20               | <i>Sub-contracting</i>  |              |             |              |              |             |             |             |             |             |             |             |
|                  | <b>21:</b> Conduct an inventory survey of gallery forests in the Mono Delta Biosphere Reserve | 12000        | 3000        | 3000         | 3000         | 3000        |             |             |             |             |             |             |
|                  | <b>22:</b> Conduct a socio-economic survey of gallery forests in the MDBR                     | 7500         |             | 3000         | 3000         | 1500        |             |             |             |             |             |             |
|                  | <b>22: Conduct a detailed mapping survey of gallery forests in the MDBR</b>                   | 7500         |             | 3000         | 3000         | 1500        |             |             |             |             |             |             |
|                  | <b>23:</b> Conduct project environmental and social impact assessment                         | 7500         |             | 3000         | 3000         | 1500        |             |             |             |             |             |             |
|                  | 24. Awareness-raising sessions of stakeholders  | 3200         | 1600        | 1600         |              |             |             |             |             |             |             |             |
|                  | 25. Develop the full project proposal   | 7500         |             |              |              |             |             | 3750        | 3750        |             |             |             |
|                  | <b>29 Component total</b>   | <b>45200</b> | <b>4600</b> | <b>13600</b> | <b>12000</b> | <b>7500</b> | <b>0</b>    | <b>3750</b> | <b>3750</b> | <b>0</b>    | <b>0</b>    | <b>0</b>    |
| <b>30</b>        | <b><u>Duty travel</u></b>   | -            | -           | -            | -            | -           | -           | -           | -           | -           | -           | -           |

| Budget component | Description   | Total               | Month             |                   |                   |                   |                   |                   |                   |                   |                   |                   |
|------------------|---|---------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
|                  |   |                     | 1                 | 2                 | 3                 | 4                 | 5                 | 6                 | 7                 | 8                 | 9                 | 10                |
| -                | <b><u>31. Duty travel costs</u></b>                                 | <b><u>3500</u></b>  | <b><u>350</u></b> |
|                  | <b><u>39 Component Total</u></b>                                    | <b><u>3500</u></b>  | <b><u>350</u></b> |
| 50               | <i>Consumable items</i>   |                     |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
|                  | 53. Utilities   | 1500                | 150               | 150               | 150               | 150               | 150               | 150               | 150               | 150               | 150               | 150               |
|                  | 54. Office supplies   | 2000                | 2000              |                   |                   |                   |                   |                   |                   |                   |                   |                   |
|                  | 59. Component total   | 7000                | 4300              | 300               | 300               | 300               | 300               | 300               | 300               | 300               | 300               | 300               |
| 60.              | <i>Miscellaneous</i>  |                     |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
|                  | 61. Feedback workshop for reporting survey findings to stakeholders | 2500                |                   |                   |                   |                   | 2500              |                   |                   |                   |                   |                   |
|                  | 62. Office rental   | 3000                | 300               | 300               | 300               | 300               | 300               | 300               | 300               | 300               | 300               | 300               |
|                  | 63. Project validation workshop (50 participants)                   | 5000                |                   |                   |                   |                   |                   |                   |                   | 5000              |                   |                   |
|                  | 64. Audit   | 3000                |                   |                   |                   |                   |                   |                   |                   |                   |                   | 3000              |
|                  | 69. Component total   | 13500               | 300               | 300               | 300               | 300               | 2800              | 300               | 300               | 5300              | 300               | 3300              |
| 80               | <i>Project monitoring and administration</i>                        |                     |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
|                  | <b>81. Monitoring and review costs</b>                              | 3000                |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
|                  | Subtotal (10-82)  | <b><u>89700</u></b> |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
|                  | ITTO support program costs (12% on 10-82 above items)               | <b><u>9864</u></b>  |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
|                  | Component total   | <b><u>12804</u></b> |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |
| <b>100</b>       | <b>GRAND TOTAL</b>  |                     |                   |                   |                   |                   |                   |                   |                   |                   |                   |                   |

## Budget contribution - ITTO

| Budget component | Description  | Total        |
|------------------|--|--------------|
| 10               | Personnel  |              |
|                  | 12. Project monitoring and evaluation assistant  | 10000        |
|                  | 12.3 Administrative and financial secretary  | 7500         |
|                  | 19. Component total  | 17500        |
| 20               | <i>Sub-contracting</i>   |              |
|                  | 21: Conduct an inventory survey of gallery forests in the Mono Delta Biosphere Reserve       | 12000        |
|                  | 22: Conduct a socio-economic survey of gallery forests in the Mono Delta Biosphere Reserve   | 7500         |
|                  | 22: Conduct a detailed mapping survey of gallery forests in the Mono Delta Biosphere Reserve | 7500         |
|                  | 23: Conduct a project environmental and social impact assessment                             | 7500         |
|                  | 24. Awareness-raising of stakeholders  | 3200         |
|                  | 25: Develop the full project proposal  | 7500         |
|                  | 29 Component total   | 45200        |
| <b>30</b>        | <b><i>Duty travel</i></b>  |              |
|                  | <b><u>31 Duty travel costs</u></b>   | <b>3500</b>  |
|                  | <b><u>39 Component total</u></b>   | <b>3500</b>  |
| 50               | <i>Consumable items</i>  |              |
|                  | 54. Office supplies  | 2000         |
|                  | 59. Component total  | <b>2000</b>  |
| 60.              | <i>Miscellaneous</i>   |              |
|                  | 61. Feedback workshop for reporting survey findings to stakeholders                          | 2500         |
|                  | 63. Project validation workshop (50 participants)  | 5000         |
|                  | 64. Audit  | 3000         |
|                  | 69. Component total  | 10500        |
| 80               | <i>Project monitoring and administration</i>   |              |
|                  | <b>81. Monitoring and review costs</b>   | 3000         |
|                  | Subtotal (10-82)   | <b>81500</b> |
|                  | ITTO support program costs (12% on 10-82 above items)  | <b>9804</b>  |
|                  | Subtotal   | <b>12804</b> |
| <b>100</b>       | <b>GRAND TOTAL</b>   | <b>91504</b> |

#### Budget contribution – Executing Agency

| Budget component | Description                      | Total               |
|------------------|----------------------------------|---------------------|
| 10               | Personnel                        |                     |
|                  | 11.1 Project coordinator         | 15000               |
|                  | 12. Other personnel              |                     |
|                  | 12.3. Driver for courier vehicle | 4000                |
|                  | 19. Component total              | 19000               |
| 50               | <i>Consumable items</i>          |                     |
|                  | 53. Utilities                    | 1200                |
|                  | 59. Total component              | 1200                |
| 60.              | <i>Miscellaneous</i>             |                     |
|                  | 62. Office rental                | 3000                |
|                  | 69. Component total              | 3000                |
| <b>100</b>       | <b>GRAND TOTAL</b>               | <b><u>23200</u></b> |

## 4 PRE-PROJECT IMPLEMENTATION MECHANISM

### 4.1 Executing agency and organizational structure

The General Directorate of Water, Forests and Hunting (DGEFC) is the national institution responsible for the sustainable management of forest resources. It will serve as the pre-project the Executing Agency. The DGEFC collects and manages statistical information from the sector. The DGEFC has developed and managed several projects and programs that support it in its sovereign missions. The DGEFC draws upon several programs/projects and Centers and Offices in the forestry sector.

The Executing Agency will work with all the identified partners. The latter will contribute to ensuring successful pre-project implementation. Some of the partners are already included in the pre-project's organizational chart.

The DGEFC will make the necessary office facilities and amenities available to the pre-project. It will also make all the forestry officers available to the project to facilitate data collection activities at the level of inspectorates.

### 4.2 Monitoring and reporting

#### Monitoring and evaluation

To ensure pre-project monitoring, a technical support Committee will be established and will be in charge of evaluating reports produced by consultants and the national expert. Meetings of the Technical Support Committee will be convened prior to submitting preliminary reports and will be recorded in minutes. The technical support committee will be comprised of:

- one representative of the **DGEFC** (Committee Chairperson);
- one representative of the Ministry of Agriculture, Husbandry and Fisheries;
- two representatives of the Municipal Authorities; and
- **three** representatives nominated by the **communities living in the vicinity of gallery forests.**

#### Reporting

The Coordinator will prepare the timetable and progress reports for ITTO with copies to the **DGEFC**. Two technical reports will be produced for ITTO, including:

- Progress reports (inception report and mid-term report) will be produced in accordance with ITTO procedures;
- Pre-project completion report following ITTO guidelines, including findings and recommendations. The completion report will also be followed by the pre-project financial audit report.

## **.ANNEX 1: Profile of the executing agency**

Name: General Directorate of Water, Forests and Hunting (*Direction Générale des Eaux, Forêts et Chasse—DGEFC*)

Postal Address: BP: 393 COTONOU (Rep. of BENIN)

Tel. : (229) 21-33-06-62, E-mail: [foretsbenin@yahoo.fr](mailto:foretsbenin@yahoo.fr) ; [lokossouo@yahoo.fr](mailto:lokossouo@yahoo.fr)

Created by Order No. 2428 of the Governor of French West Africa (AOF) of 23 July 1938, the Directorate of Water, Forests and Hunting became the Directorate General of Forests and Natural Resources (DGFRN) in 2006 by Decree No. 2006-460 of 07 September 2006 establishing Responsibilities, Organization and Functioning of the Ministry of Environment and Nature Protection (MEPN), and Directorate General for Water, Forests and Hunting (DGCFE) in June 2015 by Act N° 2015-20 of 19 June 2015 establishing the special status of personnel of public security forces and similar. Its main mission is to ensure the protection, production and enhancement of forest resources (soil, water, flora and fauna) in order to make the forest sector a source of social value and added value to the national economy. At institutional level, the DGEFC ensures the implementation of the national forest policy within the framework of the Program for the Endorsement of Forest Certification (PEFC), which is one of the five major programs of the Ministry of Forestry and the Ministry of the Living Environment and Sustainable Development (MCVDD). As such, it is responsible for exclusive and non-exclusive missions.

Exclusive assignments include:

- development and monitoring of the implementation of forest sector development policies, strategies and programs;
- coordination, planning and monitoring & evaluation within the forest sector;
- developing and monitoring the implementation of statutory and regulatory legislation in the field of forests and wildlife;
- the preparation of plans for the development of state gazetted forest estate;
- validation of management plans and other tools for the management of protected areas;
- administering and monitoring the implementation of development plans for state gazetted forest;
- the guidance, definition, monitoring and control of public and private stakeholders involved in natural resource management and their roles;
- following-up ratified international and regional forest and wildlife conventions and agreements;
- leading an intersectoral consensus strategy involving all the stakeholders in the forestry sector;
- the organization and enforcement of the forest police;
- the development and monitoring of the implementation of a sustainable financing strategy for the forest sector;
- the collection of taxes and charges associated with natural resources in accordance with the provisions of the financial laws and other statutory and regulatory legislation in force;

- The execution of all missions related to the specificity of the Water, Forest and Hunting personnel as a component of Public Safety and similar Forces.

Non-exclusive assignments include:

- the implementation of forest sector development policies, strategies and programs;
- establishing, monitoring, preserving and restoring the State protected area;
- promotion of the promising new areas of wood and non-wood forest products;
- assistance to individuals and local authorities in the development and implementation of management plans in the fields of flora and fauna;
- participation in the implementation of works related to water and soil conservation and management;
- the implementation of a communication strategy for promoting a change of behavior in relation to all other authorized structures;
- the implementation of ratified international conventions and agreements on forests and wildlife;
- the implementation of the sustainable financing strategy for the forest sector;
- the promotion of reforestation and advisory support to local authorities and private actors in the areas of sustainable forest, wildlife and natural resource management.

At central level, the DGEFC is based on a General Secretariat, a General Inspectorate of Forest Services (IGSF), a DGEFC Cabinet and six Technical Divisions, namely:

- ✚ Directorate of Stewardship, Materiel and Equipment Services (DSIME);
- ✚ Directorate of Organization and Personnel Training (DOFP);
- ✚ Directorate of Reforestation and Forest Management (DRAF);
- ✚ Directorate for Conservation and Promotion of Natural Resources (DCPRN);
- ✚ Forest Logging Control and Litigation Policy Directorate (DPCEFC);
- ✚ Directorate for Programming and Monitoring-Evaluation (DPSE).

The DGEFC has a staff of 592 water, forestry and hunting officers (paramilitaries) and 178 civil servants at central level, in decentralized structures, in state-controlled Projects/Programs, Centers and Offices.

**Summary table indicating the 2017 funding of the main programs and projects in the forest sector in Benin**

| N° | Projects and programs                                     | Specific objectives  | Starting date | Planned completion date | Budget 2017 (Millions de FCFA) | Funding sources                           |
|----|---|--|---------------|-------------------------|--------------------------------|---|
| 1  | PRI (Intensive Reforestation Program)                     | <ul style="list-style-type: none"> <li>- Establish large plantations with a view to contributing to the recovery of national forest cover;</li> <li>- Promote urban forestry and greening of the living environment</li> <li>- Promote species adapted to the climate of each region and local needs;</li> <li>- Ensure the protection of fragile sites and human facilities through reforestation;</li> <li>- Raise public awareness and build capacities of schools and universities regarding environmental and civic education.</li> </ul> | April 2016    | 2021                    | 800                            | National Budget (NB)                      |
| 2  | PSBE-GAZ (Project to Replace Fuel Wood with Gas)          | Promote the use of domestic gas as cooking fuel to replace fuel wood   | April 2016    | 2021                    | 127                            | National Budget (NB)                      |
| 4  | PAGEFCOM (Municipality Forest Management Support Project) | <ul style="list-style-type: none"> <li>- Support with establishing and monitoring community plantations</li> <li>- Support the introduction of wildlife ranches</li> <li>- Promote the blue economy</li> <li>- Support the development of a Simplified Management and Development Plan for the Reforestation Perimeters</li> </ul>   | June 2017     | 2020                    | 1213                           | FAD: 800<br>GEF: 213<br>NB: 200           |
| 5  | PGFTR-FA (Forests and Adjacent Land Management Program)   | <ul style="list-style-type: none"> <li>- Simultaneously ensure the economic development and sustainable long-term management of natural resources;</li> <li>- Provide impetus for forest product sectors through incentives for economic and fiscal management;</li> <li>- Transfer local management of forest resources to rural populations;</li> <li>- Strengthen the institutional framework of the Forest Administration with a view to refocusing on its sovereign functions.</li> </ul>   | January 2014  | January 2018            | 3050                           | NB: 2100<br>IDA: 700 GEF<br>Donation: 250 |

## **ANNEXE 2. CVs of personnel provided by the Executing Agency**

### **CV of party responsible for pre-project monitoring and evaluation**

1. **Surname:** LOKOSSOU
2. **Names:** Achille Orphée
3. **Date of birth:** 10/12/1970
4. **Nationality:** Benin
5. **Diplomas:**

| <b>Institution [ Start date - End date ]</b>   | <b>Qualification(s) obtained:</b>   |
|--|---|
| Faculty of Agronomic Sciences ( <i>Faculté des Sciences Agronomiques</i> ) (FSA), Abomey-Calavi University ( <i>Université d'Abomey-Calavi—UAC</i> ), 2011 - 2012                          | Professional Master's in Natural Resources and Biodiversity Management                |
| Faculty of Sciences ( <i>Faculté des Sciences</i> ), Lomé Togo University ( <i>Université de Lomé</i> , Togo), 2005 - 2006   | DESS (post-graduate diploma) in developmental Biology                                 |
| Faculty of Letters Arts and Human Sciences ( <i>Faculté des Lettres Arts et Sciences Humaines</i> ) (FLASH), Abomey-Calavi University ( <i>Université d'Abomey-Calavi—UAC</i> ), 2004-2005 | DEA (Master's Degree) in Environmental Management, Environment and Development Option |
| University Polytechnic College ( <i>Collège Polytechnique Universitaire—CPU</i> ), National University of Benin ( <i>Université Nationale du Bénin</i> ) (UNB).1993-1997                   | Degree in Engineering, Management and Environmental Protection                        |

6. **Linguistic skills; Indicate your skills on a scale from 1 to 5 (1 - excellent; 5 - rudimentary)**

| <b>Language</b> | <b>Read</b> | <b>Spoken</b> | <b>Written</b> |
|-----------------|-------------|---------------|----------------|
| French          | 1           | 1             | 1              |
| English         | 1           | 1             | 1              |

7. **Other skills:** (e.g. computer literacy, etc.)

- Typing skills: familiarity with Windows 10 software (Word, Excel, PowerPoint);
- Training in R software for data analysis.
- Database management and GIS

8. **Positions occupied and main functions in the Forest Administration**

**2014-2019: Head of department of Policies, Surveys and monitoring of Agreements and Conventions**

**August 2016-July 2019: Focal Point and state operator for project PD 754/14 (F) Restoration and Sustainable Management of Sacred Forests of RAMSAR sites 1017 and 1018 in Benin funded by the International Tropical Timber Organization (ITTO)**

**August 2013-December 2016: National Coordinator of project PD 678/12 Rev.1 (M) Establishment of a national forest statistics information and management system in Benin.**

**May 2012-2014: Head of Division for monitoring International Agreements and Conventions under the authority of the DGEFC (Directorate General for Water, Forests and Hunting)**

**March 2016-August 2017: National Coordinator for the Project to raise awareness of the fight against elephant poaching in the W Cross-Border Biosphere reserve (PSLAB/RBTW) funded by African Elephant Funds**

**November 2012-December 2013: National coordinator for the Study of marketing networks for ivory and ivory-based products between Benin, Burkina Faso, Niger and Togo**

**May 2006-May 2012: Head of Policy, Statistics and Synthesis Division in the Forestry and Natural Resources Branch of the Ministry of Environment and Nature Protection**

**LOKOSSOU A. Orphée**

## CV of pre-project Coordinator

| <b>CURRICULUM VITAE</b>               |  |
|---------------------------------------|--|
| Personal Information                  |  |
| <b>Surname</b>                        | KOROGONE   |
| <b>Name</b>                           | Sinagabé O. Ulysse   |
| <b>Nationality</b>                    | Benin  |
| <b>Date of birth</b>                  | 8 July 1981, Porto Novo  |
| <b>Qualifications</b>                 | <p><b>2020:</b> PROTECT (Protected-area Operational and Tactical Enforcement Conservation Training Diploma) Trainer and DETECT (Detection of Environmental Crime Training) Trainer, Freeland Foundation and Born Free</p> <p><b>2018:</b> CITES (Convention on International Trade in Endangered Species of Wild Fauna and Flora) implementation trainer Diploma, Born Free USA</p> <p><b>2015:</b> Master's in Audit and Management Control, Obiang Nguema Mbasogo International Polytechnic University (UPI-ONI)</p> <p>2015: Diploma of Advanced Studies in Natural Resources Development and Management, Abomey-Calavi University, Benin</p> <p>2007: Agronomic Engineering Degree, Parakou University, Benin</p> <p>2000: Baccalaureate D Series, Lycee Mathieu Bouke, Parakou, Benin</p>   |
| <b>Address</b>                        | 02BP 490 Parakou   |
| <b>Telephone number(s)</b>            | (+ 229) 97601288 / 94494951  |
| <b>Email</b>                          | staulysse@gmail.com, staulysse@yahoo.fr  |
| Professional experience               |  |
| <b>November 2020 to date</b>          | <p><b>Head of the Policy and Surveys Division at the Directorate General for Water, Forests and Hunting</b></p> <ul style="list-style-type: none"> <li>➤ Monitoring of development of forest policy and Forestry Code; Supervision of forest and wildlife inventories and surveys relating to water, forest and hunting administration;</li> <li>➤ Monitoring of the implementation of multilateral environmental agreements managed by the DGEFC;</li> <li>➤ Ensuring that environmental impact assessments are taken into account in forest programs and projects.</li> </ul>  |
| <b>June 2020 to date</b>              | <p><b>National Focal Point for Convention on International Trade in Endangered Species of Wild Fauna and Flora (CITES) and the International Tropical Timber Agreement</b></p>   |
| <b>December 2019-December 2020</b>    | <p><b>Project Leader of the Action Plan and Capacity Building for the Sustainable Management of <i>Pterocarpus erinaceus</i></b></p> <ul style="list-style-type: none"> <li>➤ Preparation of the main documents for project planning and budgeting;</li> <li>➤ Drafting of the terms of reference for consultants and conduct the process for their selection;</li> <li>➤ Organization of the national workshop for validation of project results;</li> <li>➤ Organization of the sessions of the Committee of Scientific Experts;</li> <li>➤ Responsible for purchase of goods and services in accordance with the project document;</li> <li>➤ Responsible for ensuring that procedures used in the project do not conflict with those of the CITES Secretariat;</li> <li>➤ Support to regional coordination in the organization of regional workshops.</li> </ul> |
| <b>December 2018 to November 2020</b> | <p><b>Head of the Energy Promotion and Rural Timber Markets Division</b></p> <ul style="list-style-type: none"> <li>➤ Promotion of the economic use of fuel wood, as well as alternative and substitute energy, together with the competent organizations; fuelwood potential of the supply basins in urban centers;</li> <li>➤ Support to the development of fuelwood master schemes for supplying urban centers and monitoring of implementation;</li> </ul>   |

|                                     |   |
|-------------------------------------|---|
|                                     | <ul style="list-style-type: none"> <li>➤ Development of a responsibility strategy;</li> <li>➤ Support to and monitoring the assessment of the mobilization and participation of rural populations in the management and control of their local energy resources;</li> <li>➤ Organization of the management of fuelwood and rural timber markets.</li> </ul>   |
| <b>Sept 2016 to November 2018</b>   | <p><b>Head of the Management Division at the Directorate General for Water, Forests and Hunting</b></p> <ul style="list-style-type: none"> <li>➤ Responsible for the implementation of the management plans;</li> <li>➤ Responsible for the rational management of forest resources (flora and fauna),</li> <li>➤ Coordination of the development of natural forest management plans;</li> <li>➤ Support to communities in connection with actions for developing and managing forest resources.</li> </ul>   |
| <b>April 2014 to September 2016</b> | <p><b>Head of the Training and Human Resources Administration Division of the Directorate General for Forests and Natural Resources:</b></p> <ul style="list-style-type: none"> <li>➤ Development and implementation of staff training plan</li> <li>➤ Development of staff career plan</li> <li>➤ Monitoring and management of staff careers</li> <li>➤ Staff capacity building</li> <li>➤ Management of General Secretariat of the Directorate-General for Forests and Natural Resources</li> <li>➤ Management of personnel advances, promotions and sanctions</li> <li>➤ Keep the personnel files up to date</li> <li>➤ Organization of the forest police force enforcement throughout the forest range</li> </ul> |
|                                     | <p><b>Head of the Division for the Promotion of alternative Income-Generating Activities (AIGA)</b></p> <ul style="list-style-type: none"> <li>➤ Encouraging the creation of new microprojects</li> <li>➤ Monitoring of AIGA microprojects already implemented by the DGFRN</li> <li>➤ Identification and suggestion of avenues for the promotion of forest product chains</li> </ul>   |

|                                  |  |         |                               |                               |                |
|----------------------------------|--|---------|-------------------------------|-------------------------------|----------------|
| Languages                        | VG: Very Good, G: Good, AD: Adequate   |         |                               |                               |                |
|                                  | <b>Comprehension</b>   |         | <b>Spoken</b>                 |                               | <b>Written</b> |
| <i>Self-assessment</i>           | Listening  | Reading | Taking part in a conversation | Ability to speak continuously |                |
| French                           | VG   | VG      | VG                            | VG                            | VG             |
| English                          | VG   | VG      | VG                            | VG                            | VG             |
| Spanish                          | AD   | AD      | AD                            | AD                            | AD             |
| <b>IT skills and competences</b> | Standard software for word and data processing (Word, Excel, PowerPoint and Access) mapping (ArcGIS) and statistics (R and Epi Info)   |         |                               |                               |                |
| <b>Other qualifications</b>      | <ul style="list-style-type: none"> <li>➤ Driving license Category B (September 1998)</li> <li>➤ TAEKWONDO Black Belt (1<sup>st</sup> Dan )</li> <li>➤ Member of the LIONS CLUB International (KANDI DJONA Club)</li> </ul> |         |                               |                               |                |

|                   |  |
|-------------------|--|
| <b>References</b> | <ol style="list-style-type: none"> <li>1- Prof. Dr Brice SINSIN<br/> Professor Emeritus in Forest Ecology<br/> Laboratory of Applied Ecology (Laboratoire d'Ecologie Appliquée)<br/> Abomey-Calavi University (Université d'Abomey-Calavi)<br/> 05BP1752, Cotonou, République du Bénin</li> <li>2- Colonel HEFOUME Rémi<br/> Director General of Water, Forests and Hunting (Directeur Général des<br/> Eaux, Forêts et Chasse)<br/> BP. 393 COTONOU (R. BENIN),<br/> Tel 97402340, <a href="mailto:rhefoume@yahoo.fr">rhefoume@yahoo.fr</a></li> <li>3- Prof. Dr . Romain GLELE KAKAI,<br/> Director of the Laboratory of Biomathematics and Forest Estimation<br/> (Directeur du Laboratoire de Biomathématique et d'Estimation Forestière),<br/> Abomey-Calavi University, Faculty of Agronomic Sciences (Faculté des<br/> Sciences Agronomiques)<br/> 04 BP 1525, Cotonou, Republic of Benin<br/> Email: <a href="mailto:romain.glelekakai@fsa.uac.bj">romain.glelekakai@fsa.uac.bj</a>; <a href="mailto:glele.roman@gmail.com">glele.roman@gmail.com</a></li> </ol> |
|-------------------|--|

Done in Cotonou, 12 August 2021

I certify that the above information is correct.

**KOROGONE Sinagabé O. Ulysse**

### ANNEX 3. Terms of reference of personnel and consultants funded by ITTO

| Experts to be provided   | Tasks and Responsibilities  |
|--|---|
| Project assistant responsible for monitoring/evaluation                          | <ul style="list-style-type: none"> <li>• Assist Coordinator with pre-project management tasks;</li> <li>• Produce detailed pre-project plan;</li> <li>• Conduct the monitoring/evaluation of pre-project implementation;</li> <li>• Draft the Terms of Reference and supervise the procurement process;</li> <li>• Monitor the conduct of studies;</li> <li>• Ensure communication with, and awareness-raising of, stakeholders;</li> <li>• Prepare the final pre-project technical report including study summary and developed project proposal attached as an annex.</li> </ul>  |
| Secretary-Accountant   | <ul style="list-style-type: none"> <li>• Assist Coordinator with secretarial tasks;</li> <li>• Enter, edit, file and store pre-project-related documents;</li> <li>• Field Coordinator's phone calls;</li> <li>• Manage the work schedule of Coordinator;</li> <li>• Edit the minutes of meetings chaired by the Coordinator;</li> <li>• Design the media for recording pre-project accounting and financial transactions;</li> <li>• Record all the pre-project accounting operations;</li> <li>• Develop the pre-project cashflow plan;</li> <li>• Prepare all documents required for auditing the project accounts.</li> </ul>   |
| National Consultant in charge of inventory survey on gallery forests in the MDBR | <ul style="list-style-type: none"> <li>- Compile and analyze existing data on gallery forests in the MDBR;</li> <li>- Identify and map MDBR gallery forests, and habitats in the target area, using vegetation maps, aerial and satellite photographs, and verification on the ground;</li> <li>- Analyze the status of land use planning and use in the target area</li> <li>- Describe and map habitats under various types of pressures where rare/threatened species or plant combinations of particular scientific or cultural interest are found, and describe the biodiversity found in these habitats;</li> <li>- Assess the potential of resource multiple use by communities</li> <li>- Conduct a quick inventory of and describe the main forest formations as well as all other related formations in the study area;</li> <li>- Inventory biodiversity in MDBR forests;</li> <li>- Produce the map of vegetation and estimate land areas covered by each plan mapped formation;</li> <li>- Produce if possible the list of endemic flora and wildlife species, rare/threatened/endangered species in the pre-project area;</li> <li>- Identify all human activities conducted in the area and their impacts on the conservation and sustainable management of MDBR gallery forests;</li> <li>- Produce the land-use map (zoning map);</li> <li>- Identify issues related to the conservation, restoration and sustainable management of MDBR gallery forests;</li> <li>- Identify and evaluate existing reforestation trials (technical procedures, strengths and weaknesses, constraints, etc.);</li> <li>- Assess the potential and constraints for natural regeneration and reforestation;</li> <li>- Conduct an analysis of constraints and opportunities for the conservation, restoration and sustainable management of MDBR gallery forests;</li> <li>- Propose a participatory management model for the conservation, restoration and sustainable management of the MDBR gallery forests in the pre-project area;</li> <li>- Introduce the survey findings in a validation workshop;</li> <li>- Participate in the workshop for the validation of project document to be submitted to the ITTO.</li> </ul> |

|   |   |
|---|---|
| <p>National consultant in charge socio-economic survey of gallery forests in the MDBR</p> | <ul style="list-style-type: none"> <li>- Based on ITTO guidelines for stakeholder involvement in project cycle:</li> <li>- Identify stakeholders in the future project;</li> <li>- Study the social structure, socio-politic relations between communities and local social groups (conflicts, competition, cooperation);</li> <li>- Conduct a socio-economic survey to collect baseline data on the socio-economic context and resource use;</li> <li>- Research data on current use of natural resources in the region and produce projections for the future;</li> <li>- Research information on traditional rights of access to forest resources,</li> <li>- Research relevant information on local knowledge relevant for biodiversity management;</li> <li>- Research information on the attitude of local communities towards management and conservation objectives of sacred forests;</li> <li>- Identify potential IGAs to be implemented in this project to support local communities with the sustainable management of MDBR gallery forests;</li> <li>- Propose orientations for the appropriate participation of stakeholders in planned project implementation</li> <li>- Introduce the survey's findings in a validation workshop</li> <li>- Participate in the workshop for the validation of project document to be submitted to ITTO for funding.</li> </ul> |
| <p>National Consultant in charge of environmental and social impact assessment</p>        | <p>Based on ITTO guidelines for conducting the environmental and social impact assessment of projects:</p> <ul style="list-style-type: none"> <li>• Conduct a survey on the environmental and social impact of the project;</li> <li>• Propose approaches to maximize positive impacts and minimize negative impacts;</li> <li>• Introduce the survey's findings in a validation workshop;</li> <li>• Participate in the workshop for the validation of project document to be submitted to the ITTO.</li> </ul>  |
| <p>National Consultant in charge of project document development</p>                      | <ul style="list-style-type: none"> <li>• Based on the various studies conducted in the area and on the recommendations of the validation workshop, and in accordance with ITTO procedures for project formulation:</li> <li>• Develop the draft project proposal for validation by a workshop including project key stakeholders;</li> <li>• Finalize the project proposal while taking into account amendments; and recommendations formulated by the validation workshop;</li> <li>• Remain available to integrate amendments formulated by stakeholders and later by the ITTO Expert Panel.</li> </ul>   |

## ANNEX 4. Pre-project assessment by the 56<sup>th</sup> Expert Panel

PPD 198/21 (F)

Study for the Restoration and Sustainable Management of Gallery Forests in the Mono Delta Biosphere Reserve in Benin

### Assessment by the Fifty-Sixth Panel

#### A) Overall Assessment

The Panel acknowledged the relevance of this pre-project which could contribute to assess the potential of gallery forests in the Mono Delta biosphere reserve, with a view to developing a full project proposal for their sustainable management. That project could contribute to the conservation and sustainable management of the Mono Delta biosphere reserve, in Benin, by building the capacities of local populations with the goal of improving their living conditions.

The pre-project proposal followed the structure provided in the ITTO manual for project formulation but there was still a need for improvement in the following sections and sub-sections dealing with: **(1)** the Sub-section 1.2.1 (Conformity with ITTO objectives and priorities) did not provide the elements regarding the conformity with the priorities and operational activities specified in the current ITTO strategic action plan 2013-2018 extended towards 2021; **(2)** the key problem and its main causes and effects not clearly described in the section dealing with the preliminary identification of the problem to be addressed by the future project; **(3)** there was no reference to the ITTO Environmental and Social Guidelines (PS-23), in the Section 3.3 (implementation approaches and methods), as the abovementioned guidelines should be taken into account while undertaking the survey on socio-economic aspects and conducting the project environmental and social impact assessment; **(4)** non-relevant budget lines found in the ITTO budget table; **(5)** Curricula vitae (CV) of the Project Coordinator and Assistant Responsible for monitoring and evaluation were not provided as annexes.

#### B) Specific Recommendations

The proposal should be revised taking into account the overall assessment **and** the following:

1. Improve the Sub-section 1.2.1 (Conformity with ITTO objectives and priorities) by including the elements regarding the conformity with the priorities and operational activities specified in the current ITTO strategic action plan 2013-2018 extended towards 2021.
2. Describe clearly, in the section dealing with the preliminary problem identification, the key problem and its main causes and effects to be addressed by the implementation of the future project.
3. Add in the section, dealing with implementation approaches and methods, the need to refer to the relevant elements in the ITTO Environmental and Social Guidelines (PS-23) for the socio-economic study and the environmental assessment to be carried out during the pre-project implementation.
4. Include as annexes the 1-page CVs (following the structure provided in the ITTO manual for project formulation, on page 68, French version) of the Project Coordinator and Assistant Responsible for monitoring and evaluation.
5. Readjust the ITTO budget in accordance with the above overall assessment and specific recommendations and also in the following way:
  - a) Delete the budget line 51 (fuel and lubricant) and budget line (52 (vehicle spare parts) as no vehicle is purchased with ITTO budget,
  - b) Recalculate the ITTO Programme Support Costs (Sub-component 83) specified in the budget so as to conform with new standard rate of 12% of the total ITTO pre-project costs; and
6. Include an Annex that shows the overall assessment and specific recommendations of the 56th Expert Panel and respective modifications in tabular form. Modifications should also be highlighted (**bold and underline**) in the text.

#### C) Conclusion

Category 1: The Panel concluded that the proposal could be commended to the Committee with incorporation of amendments.

## **ANNEX 5. Recommendations by the 56th Expert Panel and resulting modifications**

| Assessment by the 56 <sup>th</sup> Expert Panel   | Resulting modifications in the pre-project document   |
|---|---|
| A) <u>Overall Assessment</u>  |   |
| <p>The Panel acknowledged the relevance of this pre-project which could contribute to assess the potential of gallery forests in the Mono Delta biosphere reserve, with as view to developing a full project proposal for their sustainable management. That project could contribute to the conservation and sustainable management of the Mono Delta biosphere reserve, in Benin, by building the capacities of local populations with the goal to improving their living conditions.</p> <p>The pre-project proposal followed the structure provided in the ITTO manual for project formulation but there was still a need for improvement in the following sections and sub-sections dealing with: <b>(1)</b> the Sub-section 1.2.1 (Conformity with ITTO objectives and priorities) did not provide the elements regarding the conformity with the priorities and operational activities specified in the current ITTO strategic action plan 2013-2018 extended towards 2021; <b>(2)</b> the key problem and its main causes and effects not clearly described in the section dealing with the preliminary identification of the problem to be addressed by the future project; <b>(3)</b> there was no reference to the ITTO Environmental and Social Guidelines (PS-23), in the Section 3.3 (implementation approaches and methods), as the abovementioned guidelines should be taken into account while undertaking the survey on socio-economic aspects and conducting the project environmental and social impact assessment; <b>(4)</b> non-relevant budget lines found in the ITTO budget table; <b>(5)</b> Curricula vitae (CV) of the Project Coordinator and Assistant Responsible for monitoring and evaluation were not provided as annexes.</p> | <p>The requested modifications were reflected in the pre-project (all parts highlighted in bold and underlined)</p> |
| B) <u>Specific Recommendations</u>  |   |
| <p>1. Improve the Sub-section 1.2.1 (Conformity with ITTO objectives and priorities) by including the elements regarding the conformity with the priorities and operational activities specified in the current ITTO strategic action plan 2013-2018 extended towards 2021.</p>   | <p>See page 4</p>   |
| <p>2. Describe clearly, in the section dealing with the preliminary problem identification, the key problem and its main causes and effects to be addressed by the implementation of the future project.</p>  | <p>See pages 6 and 7</p>  |
| <p>3. Add in the section, dealing with implementation approaches and methods, the need to refer to the relevant elements in the ITTO Environmental and Social Guidelines (PS-23) for the socio-economic study and the environmental assessment to be carried out during the pre-project implementation.</p>   | <p>See page 8</p>   |
| <p>4. Include as annexes the 1-page CVs (following the structure provided in the ITTO manual for project formulation, on page 68, French version) of the Project Coordinator and Assistant Responsible for monitoring and evaluation.</p>   | <p>See annexes, pages 19 to 24</p>  |
| <p>5. Readjust the ITTO budget in accordance with the above overall assessment and specific recommendations <b><u>and also</u></b> in the following way:</p> <ul style="list-style-type: none"> <li>a) Delete the budget line 51 (fuel and lubricant) and budget line (52 (vehicle spare parts) as no vehicle is purchased with ITTO budget puisque le budget de l'OIBT ne comporte aucun achat de véhicule,</li> <li>b) Recalculate the ITTO Programme Support Costs (Sub-component 83) specified in the budget so as to conform with new standard rate of 12% of the total ITTO pre-project costs; and</li> </ul>   | <p>See pages 11, 12 and 14</p>  |

6. Include an Annex that shows the overall assessment and specific recommendations of the 56th Expert Panel and respective modifications in tabular form. Modifications should also be highlighted **(bold and underline)** in the text

See page 27