

# INTERNATIONAL TROPICAL TIMBER ORGANIZATION (ITTO)

## THEMATIC PROGRAMME ON FOREST LAW ENFORCEMENT GOVERNANCE AND TRADE

### PROJECT DOCUMENT

TITLE:	REDUCTION OF ILLEGAL LOGGING THROUGH BETTER GOVERNANCE OF COMMUNITY FORESTS IN THE LORN ET DJEREM DIVISION, EAST REGION, CAMEROON
SERIAL NUMBER:	TFL-PD 014/09 Rev.1 (M)
SUBMITTED BY:	GOVERNMENT OF CAMEROON
ORIGINAL LANGUAGE:	ENGLISH

#### SUMMARY:

This project seeks to reduce illegal logging and poverty in the Lom and Djerem Division through better governance and development of community forestry. The specific objectives include to sufficiently satisfy the demand of wood in the north and neighbouring countries through better organization of timber markets and promotion of the creation and implementation of legal timber titles; and to reduce poverty at the community level through good governance in managing existing community forest and micro-development projects in the Lom and Djerem Division. The expected outputs are (i) 06 communities are assisted to obtain and manage community forests, (ii) Lom and Djerem councils are sensitised on the creation council forests, (iii) Northern markets are supplied with sawmill residues, (iv) Timber market chain from Lom and Djerem Division to the Northern regions is better understood and disseminated, (v) A system of traceability of wood from Koundi community forest is put in place (vi) Capacities of members of Koundi community are reinforced in increasing and better managing revenues from their forest (vii) All actors are sensitised on legal wood trade and (VII) Coordination unit is installed and functional

EXECUTING AGENCY: FORESTRY DEPARTMENT

COLLABORATING AGENCIES: FORUM VERT AND TTRECED (NGOs)

DURATION: 24 MONTHS

BUDGET AND PROPOSED SOURCES OF FINANCE:	Source	Contribution in US\$	Local Currency Equivalent
	ITTO	302,562.00	
	Govt. of Cameroon	52,500.00	
	<b>TOTAL</b>	<b>355,062.00</b>	

<sup>1</sup> *Department of Forestry is coordinator of the project. The two NGOs will execute project activities in the field. The modifications done in some sections are blue color.*

## LIST OF ABBREVIATIONS AND ACRONYMS

CF:	Community Forest
CIFOR:	Center of International Forestry Research
CITES:	Convention on International Trades of Endangered Species
DF:	Director of Forestry
DNP:	Domestic National Product
FAO:	Food and Agriculture Organisation
FLEGT:	Forest Law Enforcement, Governance and Trade
GPS:	Global Positioning System
ITTA:	International Tropical Timber Agreement
ITTO:	International Tropical Timber Organisation
IUCN:	International Union on Conservation of Nature
FESP:	Forest and Environment Sectorial Programme
MINFOF:	Ministry of Forestry and Wildlife
MINEF:	Ministry of Environment and Forestry
MINEFI:	Ministry of Economy and Finance
MINEP:	Ministry of Environment and Nature Protection
MINATD:	Ministry of Territorial Administration and Decentralisation
MoU:	Memorandum on Understanding
NGO:	Non-Governmental Organisation
SME:	Small and Medium-scale Enterprises
SFM:	Sustainable Forest Management
TFLET:	Tropical Forest Law Enforcement, Governance and Trade
TTRECED:	Technical Training and Research Centre for Development
USA:	United State of America
VPA:	Voluntary Partnership Agreement

## **Part I: Project Context**

### **1.1 Origin**

This project forms part of the recommendations of the study conducted in 2008 entitled “Illegal sawnwood in the East Province of Cameroon: an analysis of the economic behind illegal sawnwood trade” (Betti & Bobo 2008: *ITTO Tropical Forest Update*, 17/3, pp: 3 – 5).

### **1.2 Relevance**

#### **1.2.1 Conformity with ITTO’s objectives and priorities**

The main objective of the project is to reduce illegal logging through better governance of community forests and poverty reduction in the Lom and Djerem Division of the East region of Cameroon. This covers some of the engagements of the International Tropical Timber Agreement (ITTA) in 2006, including the fight against illegal logging, poverty reduction at rural and urban levels and implication of local actors (communities, individuals or professional groups) in the promotion of sustainable forest management. The project is also in line with the ITTO Action Plan 2008-2011 on the ITTO thematic programme on Tropical Forest Law Enforcement, Governance and Trade (TFLET).

The general objective of the TFLET Programme is to improve national forest law enforcement and governance in tropical ITTO member countries in order to enhance and diversify international trade in tropical timber from sustainably managed forests and to help alleviate poverty in those countries. This project matches with two of the four strategic objectives of TFLET including (i) support to production and marketing of legally produced tropical timber and effective management of supply chains; and (ii) strengthening of capacity among community forest enterprises and other SMEs to control their forests and implement SFM.

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

This project goes in line with the Cameroon’s new forest policy and the Forest and Environment Sectorial Programme (FESP) developed in 2003 (MINEF 2003). The FESP is a new tool developed by the Cameroon Government as to bring responses in the implementation of the 1994 forest law. The FESP is composed of 5 components. This initiative meets the objectives of fourth component: community management of forest and wildlife resources/Sub-component 4.1: community forestry – access and management of forest resources/Activity 4.1.2: acquisition of spaces for community management/specific activity 4.1.2.2: to sensitise and inform all stakeholders on the community management of forest resources, and activity 4.1.3: assistance on the management of community forests/specific activity: to assist communities on the implementation of the simple management plans of the forests.

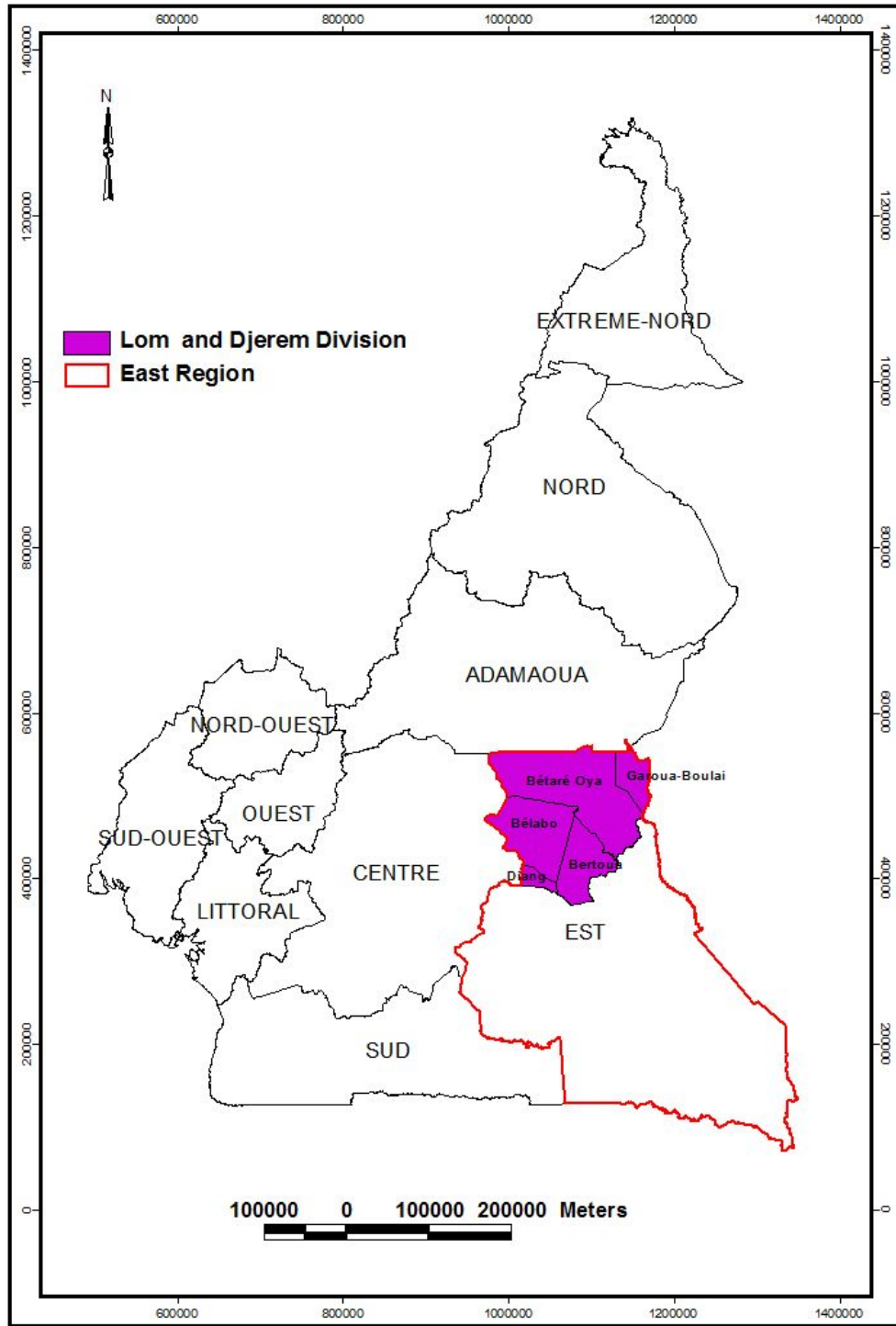
### **1.3 Target area**

#### **1.3.1 Geographic location**

Geographically, Cameroon is located at the centre of Africa near the Equator extending more than 120 km from the Gulf of Guinea to Lake Chad. This country is shaped like a triangle with a base 800 km with a total surface area of 472422 km<sup>2</sup>. It stretches 2<sup>0</sup> to 12<sup>0</sup> latitude North and from 8<sup>0</sup> to 16<sup>0</sup> longitude East. Cameroon is delimited by the Federal Republic of Nigeria in the west, Atlantic Ocean in the southwest, Equatorial Guinea, Gabon and Congo in the south, Central African Republic and Chad in the East and Lake Chad in the north.

Cameroon is divided into ten Regions among which logging and “wild sawing” are restricted to six that are situated in the forest zone, namely the Centre (Yaoundé being the capital), East (Bertoua), Littoral (Douala), South (Ebolowa), Southwest (Buea) and West (Bafoussam) regions. The three Northern Regions, namely the Adamaoua (Ngaoundéré), the North (Garoua) and the Far North (Maroua) Regions, are situated in the savannah area and are mostly supplied with timber and wooden products from the southern part of the country.

The East Region of Cameroon is covered by the semi-deciduous and the transition forests, and is referred as the main reserve of timber resources in the country. In term of annual timber supplies, this Region is classified in the first position accounting for about 53.5 % of the total volume (MINEFI, 2006). The Lom and Djerem Division, is one the four divisions in the East Region (Figure1).



**Figure 1:** Map of Cameroon showing the location of the target area

### 1.3.2 Social, cultural, economic and environmental aspects

The Lom and Djerem division is composed of six subdivisions including: Belabo, Bertoua, Betaré Oya, Diang, Garoua Boulai, and Ngoura. The main ethnic groups are composed of Baya, Bamvélé, Maka du nord, Pol, Mbaki, and Bobilis. The total population is over 300 000 inhabitants (Betti and Bobo, 2008). Main economic activities include agriculture, fishing, hunting, and gathering (Non-timber forest products). The slash and burn type of cultivation system is practised, with maize, cassava, bananas and cocoyam being the main crops. Bamvélé and Maka du nord are the most important and active groups in agricultural activities. Pit sawing is one of the most important activities that occupy young people with produced wood used locally alongside leaves from *Raphia* sp for building of houses. Illegal activities could be on a decline with the inception of community forestry (Betti & Bobo 2008). Gathering of non - timber forest products is practised by all. Gathered products comprise food, medicinal and furniture plant species. *Ricinodendron heudelotii* (Ndjangsang), *Baillonella toxisperma* (moabi), *Musanga cecropioides*, *Trichoscypha acuminata*, *Raphia* sp, *Iringia gabonensis* (bush mango), and *Elaeis guineensis* are the most important wild edible plants. Furniture products include rattan, wood of *Cordia platityrsa* for the confection of drums, and many timber species for building of houses.

On environmental aspect, Lom and Djerem Division is situated in a transitory zone between the forest and savannah zones of Cameroon, precisely in the semi-deciduous forest zone. This makes the area a very sensitive climatic and phyto-geographic part of the country. Due to its transitory position, the Division remains the main source of sawn wood supply to the dry northern Regions of the country and beyond. In this area government is now conducting the energetic production project with damp on Lom and Pangar rivers which will leads to wide deforested area. This situation makes the area more and more sensitive.

### 1.4 Expected outcomes at project completion

The target beneficiaries of this project include:

- (i) The Government of Cameroon that will gain data required for policy formulation and international recognition for tackling illegal logging in Cameroon.
- (ii) The neighboring regions and divisions will benefit from traceability system put in place and experience gained from Lom and Djerem division through the project can be used to solve the same problems tackled in that division ;
- (iii) The local communities will gain equitable access and rights to forest resources for poverty reduction in the division;
- (iv) The capacities of local communities will be enhanced to gain better bargaining power with timber merchants and tradesmen;
- (v) Scientists, conservationists and non-governmental organizations (NGOs) interested in community forestry;
- (vi) The northern Regions of the country and neighbouring countries will be supplied with legal wood (more legal titles) at reasonable prices.
- (vii) Better governance and management of community forests with higher local development impacts  
The information from this project will be disseminated through various types of publications, workshops/seminars and communication media.

## Part II: Rationale and Objectives

### 2.1 Rationale

#### 2.1.1 Institutional set-up and organizational issues

Since the impact of the project covers many regions and other neighbouring countries the project will be coordinated by the Department of Forestry in the Ministry in charge of Forests. In the field, two NGOs (TTRECED and Forum Vert) due to their experience in local organisation and development will assist the Department of Forestry, as subcontractors or partners, to implement some activities besides others subcontractors (consultants) recognised for doing forest inventories and elaborating forest management plans. These two NGOs and others will sign specific memorandum of understanding (MoU) with the forest administration.

Precisely under the supervision of Forestry Department, Forum vert will assist local communities and councils in the acquisition of their forests, in implementing the community simple management plans and management of community micro development projects while TTRECED will assist Department of Forestry by carrying out studies in market chain traceability system and communities to the better use of community forest products and wood residues.

Others subcontractors (consultants), due to the need of licences to carry out forest inventory in Cameroon, will assist the communities in the elaboration of simple management plans for community forests.

Local communities will apply for obtaining their community forests and will manage these forests according to the existing standards in Cameroon.

Tradesmen will contribute to the definition of suitable prices after having reduced (alleviated) forest posts and police barriers and will contribute to the reduction of illegal exploitation by getting legal wood.

Logging companies will make available residues from exploitation and wood processing.

#### 2.1.2 Stakeholder analysis

Stakeholders include:

- Those dependent on forest resources (primary stakeholders) such as local communities, local councils, logging companies, small-scale wood processing units and tradesmen;
- Those offer the main technical support in project implementation such coordinating the activities of the timber sector such as and forest administration local NGOs, subcontractors and those (secondary stakeholders);
- Those not directly involved but that can influence the forest management and governance sectors (tertiary stakeholders) such as ITTO.

These three groups are analysed in relation to their characteristics, problems, potentials and their planned involvement in this project (Table1).

**Table 1: Stakeholder analysis**

Stakeholder group	Characteristics	Problems, needs, interests	Potentials	Involvement in the project
<b>Primary stakeholders</b>				
<i>Local communities</i>	Main users of forest land and resources, Have good knowledge in area,	Poor structural organisation, Need crucially financial and technical means to forest management, Have high interest to forest matter	Existence of local skills and knowledge exist	Primary beneficiaries and actors in community forests management and micro projects development

<b>Stakeholder group</b>	<b>Characteristics</b>	<b>Problems, needs, interests</b>	<b>Potentials</b>	<b>Involvement in the project</b>
<i>Local councils</i>	State institutions, Represents local communities interests, Have local communities representatives chosen through election process	Do not have council forests planned in national forest land use plan Insufficiency in financial means Need technical means Poor sensitized in forestry policy Have high interest to forest matter	Well organized Decentralization process is going on with transfer of function in natural resources management	Primary beneficiaries from training in settlement of council forests
<i>Small scale wood processing units</i>	Possess simple wood processing units	Insufficient sources of legal raw materials	Potential suppliers of local markets	Beneficiaries of legal wood supplies and training at workshops
<i>Tradesmen</i>	Get income from trade in timber	Bribery and corruption at police and forest barriers	Understand the timber trade circuit	Sensitized on the acquisition and trade in legal timber
<b>Secondary Stakeholders</b>				
<i>Forum Vert and TTRECED</i>	Experienced in training, organising and sensitising local communities on sustainable forest management	Insufficient financial resources to better sensitise local communities	Willingness to participate in reducing illegal forest exploitation and availability of experienced staff	Executive agencies in implementing some project activities in the field
<i>Logging companies</i>	Get income from timber business, Have permits of forest exploitation	Competition with illegal timber exploiters, Facing high pressure in taxation	Currently engaged in sustainable forest management regulations Have wood residues in their factories and permits	Provision of wood residues to tradesmen on organised and legal arrangements
<i>Consultants(subcontractors)</i>	Experience in forest inventory and forest management plan elaboration, Owners of licences in forest inventory domain,	Insufficiency of studies	Willingness to put available their expertise Have technical human resource and equipments	Subcontractors in forest inventory and forest management plan elaboration

Stakeholder group	Characteristics	Problems, needs, interests	Potentials	Involvement in the project
<i>Forest administration</i>	Law and policy makers and in charge of law enforcement	Insufficient financial, material and human resources to implement the forest law Lack of a traceability system for timber products	Voluntary Partnership Agreement (VPA) being negotiated with the European Union to establish a traceability system for timber products	Will supervise the implementation of the project activities and capitalize the project outcomes in relation to FLEGT objectives
<b><i>Tertiary stakeholders</i></b>				
<i>ITTO</i>	Engaged to promote conservation and sustainable management of tropical forests	Insufficient financial and technical capabilities of member countries to implement sustainable forest management and governance guidelines.	Fund-raising and technical assistance	Provide financial resources and overall technical supervision of the project

### 2.1.3 Problem analysis

In Cameroon, local communities can have access to forest resources through community forests up to 5000 hectares per community and small logging titles. The problem is that the latter has been suspended, implying that except user rights, community forests remain the only way for communities to benefit from timber harvesting and trade. This option remains problematic. Pioneer community forests were attributed in Cameroon since 1998, but it is only in 2006 that the Lom and Djerem Division obtained its first and unique community forest: the Koundi community forest to be precise. This could be explained by the fact that local communities are not well informed on the procedures of acquiring and managing community forests, and those procedures are lengthy, complicated and require much funds. However, this situation could be reversed given that Lom and Djerem division can host more than 20 community forests in its vast non-permanent forest domain, and also the manual of procedures for attributing community forests, together with the standards for their management have recently been revised and simplified (MINFOF, 2009). The revision was based on the problems raised on the acquisition of community forests and implementation of the simple management plan. The new manual of procedures states that the community can start exploiting their forest two years before the definitive memorandum of understanding has been signed between the community and the Government. That rule gives the possibility to the community to draft their simple management plan with the funds raised from the timber.

Pertaining to the only community forest that exists, the local communities are not well organised, transparency in financial management remains doubtful in the minds of most community members, revenues accrued to local communities from timber sales remain low, provisions for legal sawing is problematic and illegal logging and sawing continue unabated (Betti & Bobo, 2008) leading to high forest degradation and impending poverty. According to the forest administration, this could be due to the fact that the mechanisms for financing the elaboration of the simple management plans are not clear and the administrative procedures are lengthy and complicated for local communities (MINEF, 2003). Faced with these difficulties, local people turn to businessmen for assistance. The latter need wood to supply the northern regions of the country. For this to happen, the two parties used to sign specific agreements for the exploitation of the community forests. The problem is that, most of the agreements signed are not profitable to local communities. Also, it seems like the regulations on wood exploitation from these community forests are complicated to fulfil, thus enhancing massive illegal wood extraction. Often some businessmen make use of the waybills (truck letters) of community forests to convey their wood that is often sawn illegally, since local communities do not have to pay any taxes for the exploitation of their forest.



Wood illegally sawn in the East of the country, particularly *Triplochiton scleroxylon* (Ayous), is transported from Belabo by train or from Bertoua in chartered trucks to Ngaoundéré. Then, it is conveyed by tradesmen and exporters with chartered trucks to Garoua, Maroua and Chad. From Chad, wood feeds other various circuits of exchanges through the Saharan desert to supply Libya, Sudan, Egypt, Niger, Algeria and the North of Nigeria. Compared to the Meliaceae family plant species (Bibolo, Sapelli) or “red wood”, Ayous resists the high temperatures that characterize the soudano-sahelian area more. In fact, Ayous wood can support very high temperatures and long dried seasons without changing its form.

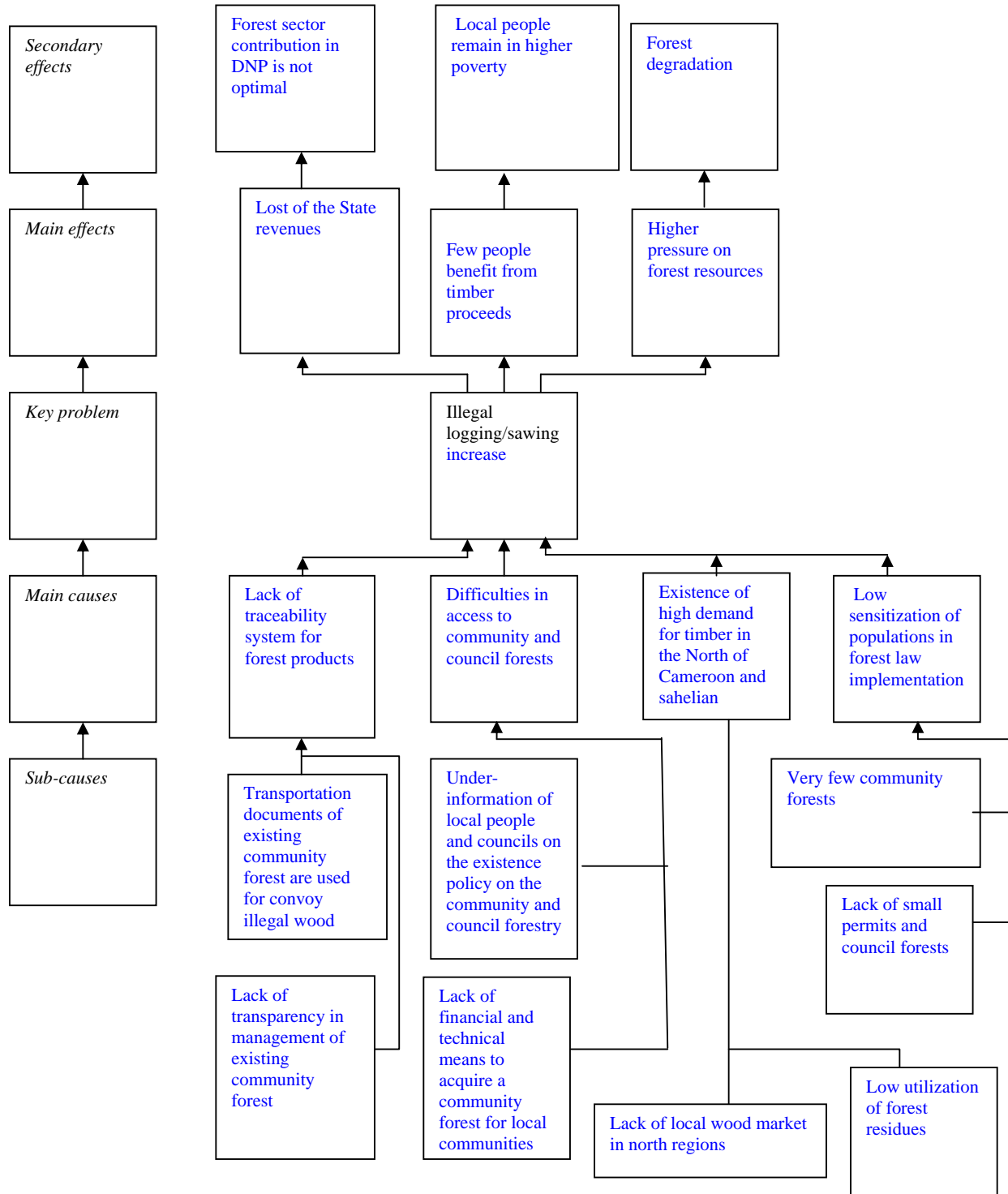
Most of the wood transported from the Koundi village is harvested out of the limits of the community forest, in the farms of villagers. According to the forest officers interviewed, about 60% of wood arrested were harvested out of the community forest. Although neglected by forest industries, the national need for wood is supplied by the informal sector. This sector represents about 300000 m<sup>3</sup>/year of timber (Koffi Yeboa, 2005). The informal sector is growing and its economic impact is crucial at all levels including production, processing, trade and employment (MINEFI, 1998; 2004). The evolution of the production and exportation of sawn wood in Cameroon from 1995 to 1997 for both formal and informal sectors shows that the informal sector contributed for 505,000 m<sup>3</sup>, which represents 35.6% of the national production of sawn wood for the two production years (1995/1996 and 1996/1997). The formal sector contributed for 64.5% with 896,000 m<sup>3</sup>. Knowing that the big logging companies prefer to produce their wood for the foreign market (536,000 m<sup>3</sup> for exportation in the two periods), it is clear that the remaining 360,000 m<sup>3</sup> is not enough to satisfy the domestic demand which is about 865,000 m<sup>3</sup>. The community forestry policy was put in place to fill the supply gap. In fact, the timber produced from community forests was originally supposed to satisfy domestic consumption.

The proliferations of wild sawing sector in the Lom and Djerem Division is due to many causes such as the lack of transparency in the management of the community forest and the funds that have to be given to local communities, the lack of regular forest titles (small permits and community forests) resulting from the complexity of the conditions required for allocating these titles.

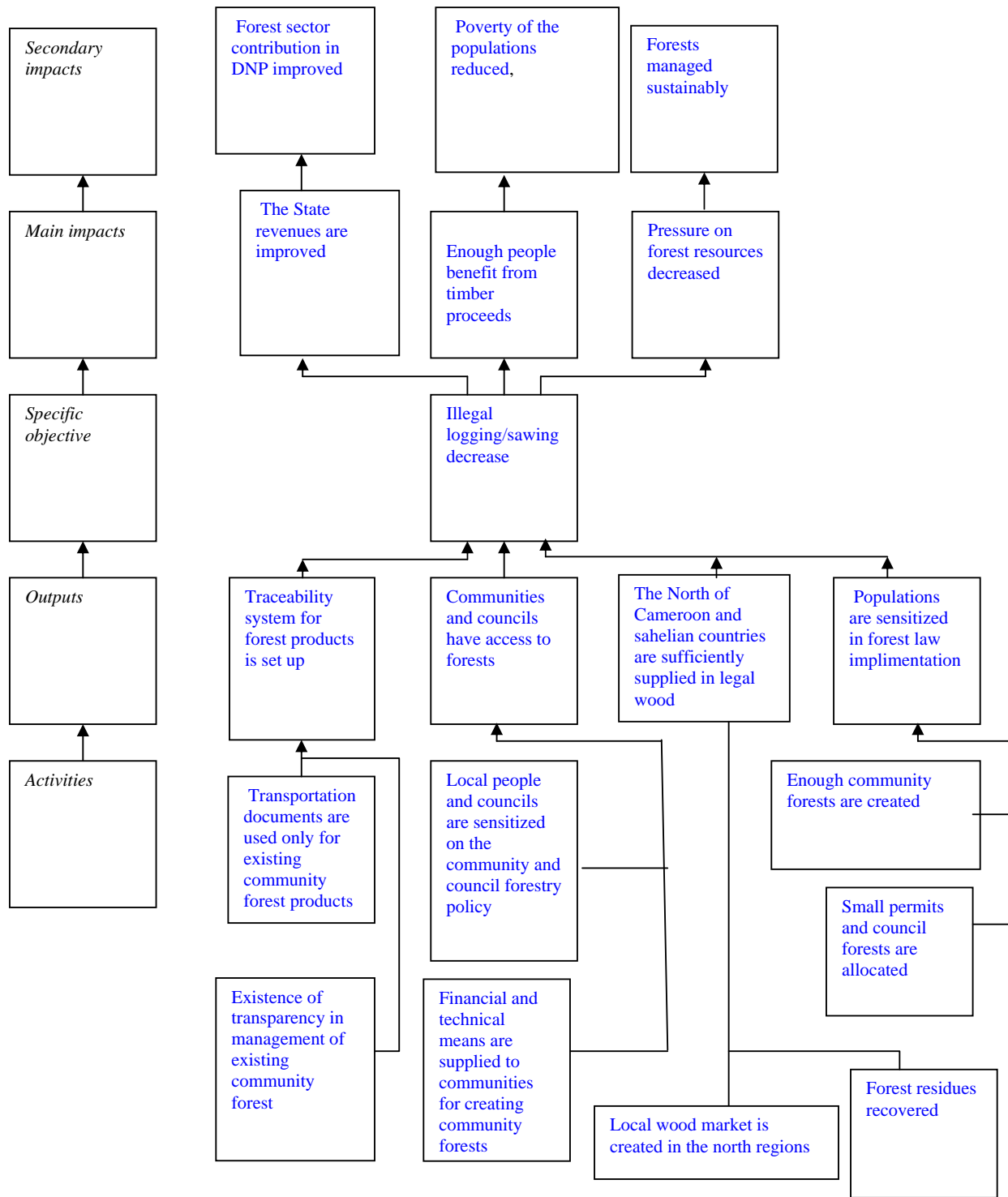
The difference between the prices of wood from local communities (Lom and Djerem Division) to the consumer market in the northern regions seems to be enormous, but this does not have appreciable impact on local community development. The cost of the wood increases not only with the distance covered, but mostly with bribery and corruption at many police and forest control posts. A detailed commodity chain analysis would be necessary to respond to the lack of quantitative information.

In summary, this situation is presented in figure 2 below. Figure 3 shows objectives to achieve.

**Figure 2 : Problem tree of illegal logging in Lom and Djerem Division**



**Figure 3 : Objectives tree of illegal logging in Lom and Djerem Division**



## 2.1.4 Logical framework matrix

**Table 2: The logical framework matrix**

Strategy of intervention	Measurable indicators	Means of verification	Key assumptions
<p><u>Development objective</u></p> <p>To improve the contribution of the forestry sector to poverty reduction and promotion of good governance</p>	<p><u>Impact indicators</u></p> <ul style="list-style-type: none"> <li>• By the end 2011, at least 70% of the timber supplied in the markets of the northern regions are from legal sources</li> <li>• By the end of 2011, the revenue from local community forests increased by at least 40 %.</li> <li>• By the end of 2011, the trade chain of timber from local community forests would be better understood</li> <li>• By the end of 2011, at least two files of council forest are sensitized for the creation of council forests</li> </ul>	<p>Activities' reports of MINFOF regional control units (East, Adamawa, North and Far-north)</p> <p>Forest community reports</p> <p>Report of detailed studies</p> <p>Meeting report</p>	<p><u>Sustainability assumptions</u></p> <p>Political will and stability of the country and the Ministry of Forestry and Wildlife</p>
<p><u>Specific objective 1</u></p> <p>To reduce illegal logging through better governance of community forests in the Lom et Djerem Division and better organization of timber markets from East region of Cameroon to the north and neighbouring countries.</p>	<p><u>Outcome indicators</u></p> <ul style="list-style-type: none"> <li>• By the end of 2011, legal timber supply to the northern regions increased by 20% through better market organisation.</li> <li>• By the end of 2011, at least six other community forests are put in place in Lom and Djerem Division</li> <li>• By the end of 2011, all the actors are sensitized on the forest law implementation in Lom and Djerem Division</li> <li>• By the end of 2011, the collaboration of</li> </ul>	<p>Activities' reports of MINFOF regional delegations (East, Adamawa, North and Far-north)</p> <p>Six community forests MoU available</p> <p>Training workshop reports on the advantages and opportunities offered by legal wood trade</p>	<p><u>Development hypothesis, linking specific objective to development objective</u></p> <p>Security and reduction of administrative bottlenecks</p>

Strategy of intervention	Measurable indicators	Means of verification	Key assumptions
	<p>tradesmen and logging companies on the utilisation and commercialization of wood residues is enhanced</p> <ul style="list-style-type: none"> <li>• By the end of 2011, at least 60% of the small-scale saw millers operate under legal conditions.</li> <li>• By the end of 2011, a system of traceability of wood for Koundi community forest is put in place</li> <li>• By the end of 2011, at least six communities are trained on how to use revenues to create and manage micro-development projects in the Lom and Djerem Division.</li> <li>• By the end of 2011, at least 40% of revenue from the sale of forest community timber are captured by local communities</li> </ul>	<p>Training workshop reports on economic opportunities for using sawmill residues</p> <p>Activities' reports of MINFOF East regional control units</p> <p>Traceability system</p> <p>Training reports</p> <p>Forest community and training reports</p>	<p>Security and reduction of administrative bottlenecks and corruption</p>
<p>Output 1.1: communities and councils have access to forests</p> <p>Output 1.2: Northern markets of Cameroon and Sahelian countries are sufficiently supplied with legal wood.</p> <p>Output 1.3: A system of traceability of wood from Koundi community forest is put in place</p>	<p>Six community forests are created and ready for management</p> <p>At least two councils are sensitized on the creation of council forests</p> <p>At least two northern markets are supplied with sawmill residues</p> <p>Timber market chain from Lom and Djerem Division to the Northern regions is better understood by at least two the groups of actors (tradesmen and communities entities,</p>	<p>Six community forests MoU</p> <p>Meeting report and final project report</p> <p>Activities' reports of MINFOF regional delegations (East, Adamawa, North and Far-north), verification of existing markets on the field</p> <p>Reports of detailed studies on the timber commodity chains from Lom</p>	<p>Political will and continuous adhesion of all actors to the process</p>

Strategy of intervention	Measurable indicators	Means of verification	Key assumptions
Output 1.4: Population and all actors are sensitized on legal wood trade	<p>councils).</p> <p>The System of traceability of wood from Koundi community forest available</p> <p>a database of the Koundi community forest available</p> <p>At least capacities of ten members of Koundi community are reinforced in increasing and better managing revenues from their forest</p> <p>At least tree groups of actors are sensitized on legal wood trade(communities, local councils, order forces)</p>	<p>and Djerem Division to the northern regions</p> <p>-Activities' project report</p> <p>-local market information system for timber products</p> <p>The System of traceability of wood from Koundi community forest database of the Koundi community forest</p> <p>Training report</p> <p>Training report</p>	

## 2.2 Objectives

### 2.2.1 Development objective and impact indicators

This project aims to improve the contribution of the forestry sector to poverty reduction and promotion of good governance.

The long term outcomes / impacts indicators are:

- By the end 2011, at least 70% of the timber supplied in the markets of the northern regions are from legal sources
- By the end of 2011, the revenue from local community forests increased by at least 40 %.
- By the end of 2011, the trade chain of timber from local community forests would be better understood

### 2.2.2 Specific objective and outcome indicators

The specific objective of the project is:

1. To reduce illegal logging through better governance of community forests in the Lom et Djerem Division and better organization of timber markets from East region of Cameroon to the north and neighbouring countries.

The outcomes indicators of achieving this specific objective are:

- By the end of 2011, legal timber supply to the northern regions increased by 20% through better market organisation.
- By the end of 2011, at least six other community forests are put in place in Lom and Djerem Division.

- By the end of 2011, all the actors are sensitized on the forest law implementation in Lom and Djerem Division Division.
- By the end of 2011, the collaboration of tradesmen and logging companies on the utilization and commercialization of wood residues is enhanced.
- By the end of 2011, at least 60% of the small-scale saw millers operate under legal conditions.
- By the end of 2011, a system of traceability of wood for Koundi community forest is put in place.
- By the end of 2011, at least six communities are trained on how to use revenues to create and manage micro-development projects in the Lom and Djerem Division.
- By the end of 2011, at least 40% of revenue from the sale of forest community timber are captured by local communities.

## Part 3: Description of Project Interventions

### 3.1 Outputs and activities

#### 3.1.1 Outputs

The expected outputs of the project are as follows:

**Objective 1:** To reduce illegal logging through better governance of community forests in the Lom et Djerem Division and better organization of timber markets from East region of Cameroon to the north and neighbouring countries.

Output 1.1: communities and councils have access to forests

Output 1.2: Northern markets of Cameroon and Sahelian countries are sufficiently supplied with legal wood

Output 1.3: A system of traceability of wood from Koundi community forest is put in place

Output 1.4: Populations and all actors are sensitised on legal wood trade

#### 3.1.2 Activities

**Output 1.1:** communities and councils have access to forests

Activity 1.1.1: sensitise local communities in the process of creating and managing community forests

Activity 1.1.2: select 06 communities that will be assisted to obtain their community forests.

Activity 1.1.3: Assist in the creation of a management entity for each community.

Activity 1.1.4: Assist in the elaboration of simple management plans for community forests

Activity 1.1.5: Enforce the capacities of 06 communities in the management of their community forests

Activity 1.1.6: Sensitise the Lom and Djerem local councils on the process and opportunities of creating a council forests

**Output 1.2:** Northern markets of Cameroon and Sahelian countries are supplied with legal wood

Activity 1.2.1: Organise training workshop on economic opportunities for using sawmill residues

Activity 1.2.2: Facilitate collaboration between local communities and logging companies for the recovery and use of wood residues

Activity 1.2.3: Carry out detailed studies on the timber commodity chains from Lom and Djerem Division to the northern regions;

Activity 1.2.4: Sensitise communities and tradesmen on the results of the studies on the commodity chain of timber

Activity 1.2.5: Put in place a local market information system for timber products

**Output 1.3:** A system of traceability of wood from Koundi community forest is put in place

Activity 1.3.1: Create a database of the Koundi community forest

Activity 1.3.2: Train members of the Koundi forest management committee on the principles of a traceability system

Activity 1.3.3: Set up and implement a traceability system of Koundi community forest products

Activity 1.3.4: Train communities on better valorisation of non-timber forest products.

Activity 1.3.5: Reinforce capacities of Koundi community forest committee in financial and micro-projects management.

**Output 1.4:** Populations and all actors are sensitised on legal wood trade

Activity 1.4.1: Organise workshops involving all stakeholders on advantages and opportunities offered by legal wood trade

Activity 1.4.2: Train the 06 Communities and Lom and Djerem Councils on traceability

Activity 1.4.3: Disseminate outputs of project through scientific publications, seminars or conferences.

### 3.2 Implementation approaches and methods

The overall approach of project implementation will be participatory. All the group of actors (communities, councils, tradesmen and others) beneficiaries of the activities projects will be consulted sequentially to have their opinions on the issues and will be implicated in project activities concerning them.

To select communities that will be assisted to obtain community forests, it will be organized sub divisional and local meetings with the participation of administrative authorities and local MINFOF representatives



during which socio-economic issues will be assessed. The spatial analysis will be done with topographic map and field survey. The same study will be carried out for councils.

To understand the market chain, tradesmen, and local MINFOF representatives and sawmill owners will be contacted. The field survey also will be carried out from different places of Lom anad Djerem division to the north.

For the traceability system settlement for Koundi community forest, the data collection will start from the inventory results through exploitation, transportation and commercialization. Then the system will be built up by specialists based on data collected.

The market information system will be supplied by data collected regularly by site supervisors which will be available on radio and in the office reports.

All project outputs will be disseminate during seminars and by scientific publications.

The overall activities of the project will be coordinated by Department of forestry according to work plan.

### **3.3 Work plan**

The project will be carried out over a period of 36 months according to the Work Plan as shown in **Table 3**.

**Table 3: Work Plan**

OUTPUTS/ACTIVITIES	RESPONSIBLE PARTY <sup>3</sup>	SCHEDULE (in Years)							
		Year 1 (quarters)				Year 2 (quarters)			
		Quarter 1	Quarter 2	Quarter 3	Quarter 4	Quarter 1	Quarter 2	Quarter 3	Quarter 4
<b>Output 1.1:</b> communities and councils have access to forests									
Activity 1.1.1: sensitise local communities in the process of creating and managing community forests	<b>MINFOF Forum Vert</b>								
Activity 1.1.2: select 06 communities that will be assisted to obtain their community forests.	<b>MINFOF Forum Vert</b>								
Activity 1.1.3: Assist in the creation of a management entity for each community.	<b>Forum Vert<sup>2</sup></b>								
Activity 1.1.4: Assist in the elaboration of simple management plans for community forests	<b>Sub-contractor</b>								
Activity 1.1.5: Enforce the capacities of 06 communities in the management of their community forests	<b>Forum Vert</b>								
Activity 1.1.6: Sensitise the Lom and Djerem local councils on the process and opportunities of creating a council forests	<b>MINFOF Forum Vert</b>								

OUTPUTS/ACTIVITIES	RESPONSIBLE PARTY <sup>3</sup>	SCHEDULE (in Years)							
		Year 1 (quarters)				Year 2 (quarters)			
		Quarter 1	Quarter 2	Quarter 3	Quarter 4	Quarter 1	Quarter 2	Quarter 3	Quarter 4
<b>Output 1.2:</b> Northern markets of Cameroon and Sahelian countries are sufficiently supplied with legal wood									
Activity 1.2.1: Organise training workshop on economic opportunities for using sawmill residues	MINFOF TTRECED								
Activity 1.2.2: Facilitate collaboration between local communities and logging companies for the recovery and use of wood residues	MINFOF TTRECED								
Activity 1.2.3: Carry out detailed studies on the timber commodity chains from Lom and Djerem Division to the northern regions;	TTRECED								
Activity 1.2.4: Sensitise communities and tradesmen on the results of the studies on the commodity chain of timber	MINFOF TTRECED								
Activity 1.2.5: Put in place a local market information system for timber products	MINFOF TTRECED								

OUTPUTS/ACTIVITIES	RESPONSIBLE PARTY <sup>3</sup>	SCHEDULE (in Years)							
		Year 1 (quarters)				Year 2 (quarters)			
		Quarter 1	Quarter 2	Quarter 3	Quarter 4	Quarter 1	Quarter 2	Quarter 3	Quarter 4
<b>Output 1.3:</b> A system of traceability of wood from Koundi community forest is put in place									
Activity 1.3.1: Create a database of the Koundi community forest	<b>MINFOF TTRECED</b>								
Activity 1.3.2: Train members of the Koundi forest management committee on the principles of a traceability system	<b>MINFOF TTRECED</b>								
Activity 1.3.3: Set up and implement a traceability system of Koundi community forest products	<b>MINFOF TTRECED</b>								
Activity 1.3.4: Train Koundi community on better valorisation of non-timber forest products.	<b>TTRECED</b>								
Activity 1.3.5: Reinforce capacities of Koundi community forest committee in financial and micro-projects management.	<b>Forum Vert</b>								

OUTPUTS/ACTIVITIES	RESPONSIBLE PARTY <sup>3</sup>	SCHEDULE (in Years)							
		Year 1 (quarters)				Year 2 (quarters)			
		Quarter 1	Quarter 2	Quarter 3	Quarter 4	Quarter 1	Quarter 2	Quarter 3	Quarter 4
<b>Output 1.4:</b> Populations and all actors are sensitized on legal wood trade									
Activity 1.4.1: Organize workshops involving all stakeholders on advantages and opportunities offered by legal wood trade	<b>MINFOF Forum Vert</b>								
Activity 1.4.2: Train the 06 Communities and Lom and Djerem Councils on traceability	<b>MINFOF Forum Vert</b>								
Activity 1.47.3: Disseminate outputs of project through scientific publications, seminars or conferences.	<b>MINFOF Forum Vert TTRECED</b>								

<sup>2</sup> Forum Vert is one of the executive structure for project activities in the field. There was a mistake in previous proposal.

### 3.4 Budget

#### 3.4.1 Master budget schedule

Table 2: Budget matrix

OUTPUTS/ ACTIVITIES	Description	Budget componen t	Quantity		Unit	Unity cost (\$ EU)	Total cost (\$EU)	ITTO		Executiv e agency
			Year 1	Year 2				Year 1	Year 2	
<b>Output 1.1</b>	communities and councils have access to forests									
Activity 1.1.1	Ssensitise local communities in the process of creating and managing community forests									
	-02 meetings in two subdivisions for 60 persons  (01 meeting per subdivision for 30 persons)	605 605	30x02 02		Participant-day Meeting-hall rent	30 200	1800 400	1800 400		
	-06 meetings in 06 communities  (01 meeting per community)	111 605 161	01x10 06 01x10		-Expert-day -Meeting-day -Driver-day	150 400 40	1 500 2400 400	1 500 2400 400		
Activity 1.1.2	Select 06 communities that will be assisted to obtain their community forests.									
	Rapid appraisal on socio-economic data concerning community during 18 days by a team (forester, socio-economist, cartographer, translator, 02 local administrators, driver)	131 131 131 161 122 161	01x12 01x12 01x12 01x10 02x10 01x10		-Forester-day -Socio- economist-day -Cartographer- day -Translator- day -Local administrator- day  -driver-day	150 150 150 20 60 40	1 800 1 800 1 800 200 1 200 400	1 800 1 800 1 800 200 1 200 400		

OUTPUTS/ ACTIVITIES	Description	Budget componen t	Quantity		Unit	Unity cost (\$ EU)	Total cost (\$EU)	ITTO		Executiv e agency
			Year 1	Year 2				Year 1	Year 2	
Activity 1.1.3	Assist in the creation of a management entity for each community.									
	06 meetings during 06 days by a team (forester, socio-economist, driver)	131 131 161 31	01x08 01x08 01x08 06		-Forester-day -Socio- économist-day -Driver-day -meeting-day	150 150 40 300	1 200 1 200 320 1 800	1 200 1 200 320 1 800		
Activity 1.1.4	Assist in the elaboration of simple management plans for community forests									
	-Multiresources Inventory in sub-contracting in 06 community forests	25	06x5000h a		Ha of community forest	1	30 000	30 000		
	-Simple management plan of 06 community forests	25	06x5000h a		Ha of community forest	1	30 000	30 000		
Activity 1.1.5	Enforce the capacities of 06 communities in the management of their community forests									
	Training workshop in simple management content during 06 days with 06 communities forests (prescriptions) by a team (02 experts, driver)	111 161 31		02x08 01x08 06	-Expert-day -Driver-day -meeting-day	150 40 400	2400 320 2400		2400 320 2400	
Activity 1.1.6	Sensitise the Lom and Djerem local councils on the process and opportunities of creating a council forests									
	Sensitization meeting for 06 council's representatives	111 605 161 605	01x03 01x30 01x03 01		-Expert-day -Participant- day -Driver-day -meeting-hall rent	150 20 40 200	450 600 120 200	450 600 120 200		

OUTPUTS/ ACTIVITIES	Description	Budget componen t	Quantity		Unit	Unity cost (\$ EU)	Total cost (\$EU)	ITTO		Executiv e agency
			Year 1	Year 2				Year 1	Year 2	
<b>Output 1.2</b>	Northern markets of Cameroon and Sahelian countries are supplied with legal wood									
Activity 1.2.1	Organise training workshop on economic opportunities for using sawmill residues									
	02 Training workshops ( 01 training workshop per sub-division)	111 605 161  605	01x04 02x30 01x04  02		-Expert-day -Participant-day -Driver-day  -Meeting hall rent	150 20 40  200	600 1200 160  400	600 1200 160  400		
Activity 1.2.2	Facilitate collaboration between local communities and logging companies for the recovery and use of wood residues									
	Three missions of three days' duration  One synthesis meeting at the end of the three missions	111 161  111 605 161  605	02x05 01x05  02x03 15x01 01x03  01		-Expert-day -Driver-day  -Expert-day -Participant-day -Driver-day -Meeting hall rent	150 40  150 20 40  200	1500 200  900 300 120  200	1500 200  900 300 120  200		
Activity 1.2.3	Carry out detailed studies on the timber commodity chains from Lom and Djerem Division to the northern regions;									
	commodity chains studies for 30 days with 20 field days	111 161  161	01x30 01x30  01x20		-Expert-day -Field-Technician -Driver-day	150 50  40	4500 1500  800	4500 1500  800		
Activity 1.2.4	Sensitise communities and tradesmen on the results of the studies on the commodity chain of timber									
	Sensitization Workshop on commodity chains	111 31 161  605	01x03 50x01 01x03  01		-Expert-day -Participant-day -Driver-day -Meeting-hall rent	150 20 40  200	450 1000 120  200	450 1000 120  200		



OUTPUTS/ ACTIVITIES	Description	Budget componen t	Quantity		Unit	Unity cost (\$ EU)	Total cost (\$EU)	ITTO		Executiv e agency
			Year 1	Year 2				Year 1	Year 2	
Activity 1.2.5	Put in place a local market information system for timber products									
	Local market information system put in place and implemented by one Expert (10 days for fields' work) and 04 site supervisors	111 161		01x02 01x10	-Expert-month -Driver day	1000 40	2000 400		2000 400	
<b>Output 1.3</b>	A system of traceability of wood from Koundi community forest is put in place									
Activity 1.3.1	Create a database of the Koundi community forest									
	Data base will be put in place during two months by expert with 15 field days	111 161		01x02 01x15	-Expert-month -Driver-day	1000 40	2000 600	2000 600		
Activity 1.3.2	Train members of the Koundi forest management committee on the principles of a traceability system									
	Training workshop on traceability	111 161 31 605		01x05 01x05 15x01 01	-Expert-day -Driver-day -participant-day -Meeting-hall rent	150 40 20 200	750 200 300 200		750 200 300 200	
Activity 1.3.3	Set up and implement a traceability system of Koundi community forest products									
	Traceability system for Koundi community forest products will be put in place within one month	111 161		01x01 01x20	-Expert-month -Driver-day	3000 40	3000 800		3000 800	

OUTPUTS/ ACTIVITIES	Description	Budget componen t	Quantity		Unit	Unity cost (\$ EU)	Total cost (\$EU)	ITTO		Executiv e agency
			Year 1	Year 2				Year 1	Year 2	
Activity 1.3.4	Train Koundi community on better valorisation of non-timber forest products.									
	Training workshop for one day	111 161 31	01x03 01x03 01		-Expert-day -Driver-day -meeting-day	150 40 200	450 120 200	450 120 200		
Activity 1.35	Reinforce capacities of Koundi community forest committee in financial and micro-projects management.									
	Training reinforcement capacity workshop for two days	111 161 31	01x03 01x03 01		-Expert-day -Driver-day -meeting-day	150 40 200	450 120 200	450 120 200		
<b>Output 1.4</b>	Populations and all actors are sensitised on legal wood trade									
Activity 1.4.1	Organise workshops involving all stakeholders on advantages and opportunities offered by legal wood trade									
	Four workshops in the various regions (East, Adamawa, North, Far-north) 10 participants per workshop	111 161 31 605	02x10 01x10 10x01x04 04		-Expert-day -Driver-day -participant-day -Meeting-hall rent	150 40 20 200	3000 400 800 800	3000 400 800 800		
Activity 1.4.2	Train the 06 Communities and Lom and Djerem Councils on traceability									
	Training workshop for council representatives on traceability	111 161 31 605	02x03 01x03 50x01 01		-Expert-day -Driver-day -participant-day -Meeting-hall rent	150 40 20 200	900 120 1000 200	900 120 1000 200		

OUTPUTS/ ACTIVITIES	Description	Budget componen t	Quantity		Unit	Unity cost (\$ EU)	Total cost (\$EU)	ITTO		Executiv e agency
			Year 1	Year 2				Year 1	Year 2	
Activity 1.7.3	Disseminate outputs of project through scientific publications, seminars or conferences.									
	04 publications (traceability, forest potentials, Non timber forest products, commodity chain analysis)	611		01x04	Publication	2000	8000		8000	
	National seminar for dissemination result at east region	111 161 31		04x02 01x02 100x01	-Expert-day -Driver-day -participant-day	150 40 20	1200 80 2000		1200 80 2000	
	<b>Non-activity based expenses</b>									
	Project coordinator	112	01x12	01x12	Coord. Top-up salary-month	500	12000			12000
	Assistant project coordinator	112	01x12	01x12	Assist. Coord. Top-up salary-month	400	9600			9600
	Accounting secretary	151	01x12	01x12	Secretary top-up salary-month	300	7200	3600	3600	
	Site supervisors (4)	161	04x12	04x12	Site-sup. Top-up salary-month	300	28800	14400	14400	
	Vehicle	43	1		Piece	30000	30000	30000		
	Office space	412	01x12	01x12	Rent-month	400	9600			9600
	Laptops(project personnel)	411	01x07	-	Piece	1500	10500			10500

OUTPUTS/ ACTIVITIES	Description	Budget componen t	Quantity		Unit	Unity cost (\$ EU)	Total cost (\$EU)	ITTO		Executiv e agency
			Year 1	Year 2				Year 1	Year 2	
	Laptop for Koundi community	411	01	-	Piece	500	500			500
	Printer	411	01x08	-	Piece	300	2400			2400
	Photocopier	512	01	-		1600	1600			1600
	IT consumables (ink, papers)	512	01	01	LS-year	1500	3000			3000
	Video projector	512	01	-	Piece	1500	1500			1500
	Internet services	512	12	12	Service-month	100	2400			2400
	Telephone service	512	12	12	Service-month	100	2400	12000	12000	2400
	Travel fees	312	12	12	LS-month	1000	24000			
	Organization of two steering committees (one at the end of the first year, and the other at the end)	609	01	01	Steering committee	3000	6000	3000	3000	
	Realization of the audits( annual and final)	603	01	01	audit	4000	8000	3000	5000	

### 3.4.2 Consolidate budget by section (\$ USA)

category	Description	Total	Year 1	Year 2
<b>10</b>	<b>Personnel</b>			
111	Experts for meetings and training workshop	19050	13800	5250
	Expert for local market information system	2000	-	2000
	Expert for a database of Koundi CF	2000	2000	-
	Expert for traceability system	3000	-	3000
112	Project coordinator(permanent)	12000	6000	6000
	Assistant project coordinator(permanent)	9600	4800	4800
122	Local administrator	1200	1200	-
131	Forester for rapid appraisal and meeting	3000	3000	-
	Socio-economist for rapid appraisal and meeting	3000	3000	-
	Cartographer for rapid appraisal	1800	1800	-
151	Accounting secretary(permanent)	7200	3600	3600
161	04 field technicians	1500	1500	-
	Translator	200	200	-
	04 site supervisors	28800	14400	14400
	Driver	5800	3880	1920
<b>19</b>	<b>Partial total</b>	<b>100150</b>	<b>59180</b>	<b>40970</b>
<b>20</b>	<b>Sub-contractor</b>			
25	Multi resources inventories	30000	30000	-
	Simple management plans	30000	30000	-
<b>29</b>	<b>Partial total</b>	<b>60000</b>	<b>60000</b>	
<b>30</b>	<b>Missions</b>			
31.1	DSA national experts and sub-contractors	10000	6000	4000
31.2	DSA workshop participants	9000	6000	3000
32.1	Travel national experts and sub-contractors	5000	3000	2000
32.2	Travel others	9000	6000	3000
<b>39</b>	<b>Partial total</b>	<b>33000</b>	<b>21000</b>	<b>12000</b>
<b>40</b>	<b>immobilizations</b>			
41	Office space	9600	4800	4800
43	Vehicle	30000	30000	
44.1	08 laptop	11000	11000	-
44.2	08 printers	2400	2400	-
44.3	Photocopier	1600	1600	
44.4	Video projector	1500	1500	
<b>49</b>	<b>Partial total</b>	<b>56100</b>	<b>51300</b>	<b>4800</b>
<b>50</b>	<b>Consumables goods</b>			
	Internet services	2400	1200	1200
	Telephone services	2400	1200	1200
	Fuel and oil	8400	4000	4400
522	IT consumables(ink, papers, pencils)	3000	1500	1500
<b>59</b>	<b>Partial total</b>	<b>16200</b>	<b>7900</b>	<b>8300</b>
<b>60</b>	<b>Miscellaneous</b>			
605	Meeting-hall rent	3200	2800	400
	LS Meeting	7000	4600	2400
609	Steering committees	6000	3000	3000
611	04 Publications	8000	-	8000
62	Financial audit costs	8000	3000	5000
<b>69</b>	<b>Partial total</b>	<b>32200</b>	<b>13400</b>	<b>18800</b>
<b>80</b>	<b>Monitoring and assessment of the project by ITTO</b>			
81	Monitoring and assessment ITTO	20000	10000	10000
82	Mid-term monitoring ITTO			
83	Final assessment ITTO	15000		15000
	<b>Partial total (11 to 82)</b>	<b>309650</b>	<b>208280</b>	<b>101370</b>
85	ITTO support for the project (8% from 11 to 83)	22412		
	<b>OVERALL TOTAL</b>	<b>355062</b>		

### 3.4.3 Annual budget for ITTO (\$ USA)

category	Description	Total	Year 1	Year 2
<b>10</b>	<b>Personnel</b>			
111	Experts for meetings and training workshop	19050	13800	5250
	Expert for local market information system	2000	-	2000
	Expert for a database of Koundi CF	2000	2000	-
	Expert for traceability system	3000	-	3000
122	Local administrator	1200	1200	-
131	Forester for rapid appraisal and meeting	3000	3000	-
	Socio-economist for rapid appraisal and meeting	3000	3000	-
	Cartographer for rapid appraisal	1800	1800	-
151	Accounting secretary(permanent)	7200	3600	3600
161	04 field technicians	1500	1500	-
	Translator	200	200	-
	04 site supervisors	28800	14400	14400
	Driver	5800	3880	1920
<b>19</b>	<b>Partial total</b>	<b>78550</b>	<b>48380</b>	<b>30170</b>
<b>20</b>	<b>Sub-contractor</b>			
25	Multi resources inventories	30000	30000	-
	Simple management plans	30000	30000	-
<b>29</b>	<b>Partial total</b>	<b>60000</b>	<b>60000</b>	
<b>30</b>	<b>Missions</b>			
31.1	DSA national experts and sub-contractors	10000	6000	4000
31.2	DSA workshop participants	9000	6000	3000
32.1	Travel national experts and sub-contractors	5000	3000	2000
32.2	Travel others	9000	6000	3000
<b>39</b>	<b>Partial total</b>	<b>33000</b>	<b>21000</b>	<b>12000</b>
<b>40</b>	<b>immobilizations</b>			
43	Vehicle	30000	30000	
<b>49</b>	<b>Partial total</b>	<b>30000</b>	<b>30000</b>	
<b>50</b>	<b>Consumables goods</b>			
512	Fuel and oil	8400	4400	4000
522	IT consumables(ink, papers, pencils)	3000	1500	1500
<b>59</b>	<b>Partial total</b>	<b>11400</b>	<b>5900</b>	<b>5500</b>
<b>60</b>	<b>Miscellaneous</b>			
605	Meeting-hall rent	3200	2800	400
	LS Meeting	7000	4600	2400
609	Steering committees	6000	3000	3000
611	04 Publications	8000	-	8000
62	Financial audit costs	8000	3000	5000
<b>69</b>	<b>Partial total</b>	<b>32200</b>	<b>13400</b>	<b>18800</b>
<b>80</b>	<b>Monitoring and assessment of the project by ITTO(</b>			
81	Monitoring and assessment ITTO	20000	10000	10000
82	Mi-term monitoring ITTO			
83	Final assessment ITTO	15000	-	15000
	<b>Partial Overall total (11 to 82)</b>	<b>280150</b>		
85	ITTO support for the project (8% from 11 to 82)	22412		
	<b>OVERALL TOTAL ITTO</b>	<b>302562</b>		

### 3.4.4 Annual budget for Executive Agency (\$ USA)

category	Description	Total	Year 1	Year 2
<b>10</b>	<b>Personnel</b>			
112	Project coordinator(permanent)	12000	6000	6000
	Assistant project coordinator(permanent)	9600	4800	4800
<b>19</b>	<b>Partial total</b>	<b>21600</b>	<b>10800</b>	<b>10800</b>
<b>40</b>	<b>immobilizations</b>			
411	08 laptop	11000	11000	-
	08 printers	2400	2400	-
412	Office space	9600	4800	4800
<b>49</b>	<b>Partial total</b>	<b>23000</b>	<b>18200</b>	<b>4800</b>
<b>50</b>	<b>Consumables goods</b>			
	photocopy	1600	1600	-
	Video projector	1500	1500	-
	Internet services	2400	1200	1200
	Telephone services	2400	1200	1200
<b>59</b>	<b>Partial total</b>	<b>7900</b>	<b>5500</b>	<b>2400</b>
	<b>OVERALL TOTAL Executive Agency</b>	<b>52500</b>	<b>34500</b>	<b>18000</b>

## 3.5 Assumptions, risks and sustainability

### 3.5.1 Assumption and risks

The project will be well carried and achieve its objectives if:

- there is political will and stability of the country and the Ministry of Forestry and Wildlife
- there is security and reduction of administrative bottlenecks

Provisions will be made to mitigate the risks. If there is a change at or restructuring of the ministry, TTRECED and FORUM VERT, the partners to this project, will ensure that new team members are briefed and quickly trained to carry the project forward.

### 3.5.2 Sustainability

During the implementation of this project efforts will be made to ensure sustainability. The training of the communities, councils, tradesmen on legal logging and good governance is one important aspect to the capacity building. The experience obtained from the project will benefit to VPA/FLEGT process near to be concluded with European Union and put in place in Cameroon.

At the end of the project, the Division of Community Forestry of Department of Forestry local services of MINFOF will continue to follow the activities of the communities forests created by project. The traceability system put in place will be included in the VPA/FLEGT process mentioned above. The local services of MINFOF in East, Adamaoua, Nord and Far north regions will continue to collect data concerning the production, prices and supply of wood in interconnected network

## Part 4: Implementation Arrangements

### 4.1 Organization structure and stakeholder involvement mechanisms

#### 4.1.1 Executing agency and partners

The executive Agency is the Forestry Department of Ministry of Forestry and Wildlife (MINFOF). This department is in charge of forestry management in Cameroon. TT Centre for Research and Development (TTRECED) and “Forum Vert” are the two NGOs which will work with MINFOF as partners. Execution will be in partnership with decentralized MINFOF’s structure, at the regional level, in the East, Adamaoua, North, and far-north Regions to be precised. In each Regional Delegation of Forestry and Wildlife, the project will be coordinated by a site supervisor. TTRECED and the “Forum Vert” are selected because of their experiences on issues related to forestry projects. Also, the two NGOs have been recognized by the MINFOF as official partners for addressing forest management. TTRECED has just assisted MINFOF to conduct a study entitled “State-of-the-art on logging, processing, trade, and exportation on *Pericopsis elata*, CITES II listing timber species”, under the joint ITTO/CITES program “Ensuring international trade on *Pericopsis elata* products is not detrimental to its conservation in the Congo Basin”. TTRECED and “FORUM VERT” have worked closely with the MINFOF to identify and draft the present project document.

#### 4.1.2 Project management team

The project management will totally be coordinated by the MINFOF, with a counterpart for the two NGOs for expertise and capacity building. The Directorate of Forestry will be the Coordinator, assisted by a forest engineer, an experienced ITTO project coordinator, as the Assistant Coordinator for day-to day management with most of experts and trainers comprise of staff from TTRECED and “FORUM VERT”. They will be supported by a team of consultants and international experts from TFLET, FLEGT, CITES, etc. A support staff of administrator, driver, accountant and communicator will also be part of the team. The project contract should be between ITTO and MINFOF.

#### 4.1.3 Project steering committee

A steering Committee under the auspices of the Minister of Forestry and Wildlife will be established to oversee the execution of the project. The Steering Committee will provide guidance on technical matters and ensure that the activities are carried out according to the Work Plan.

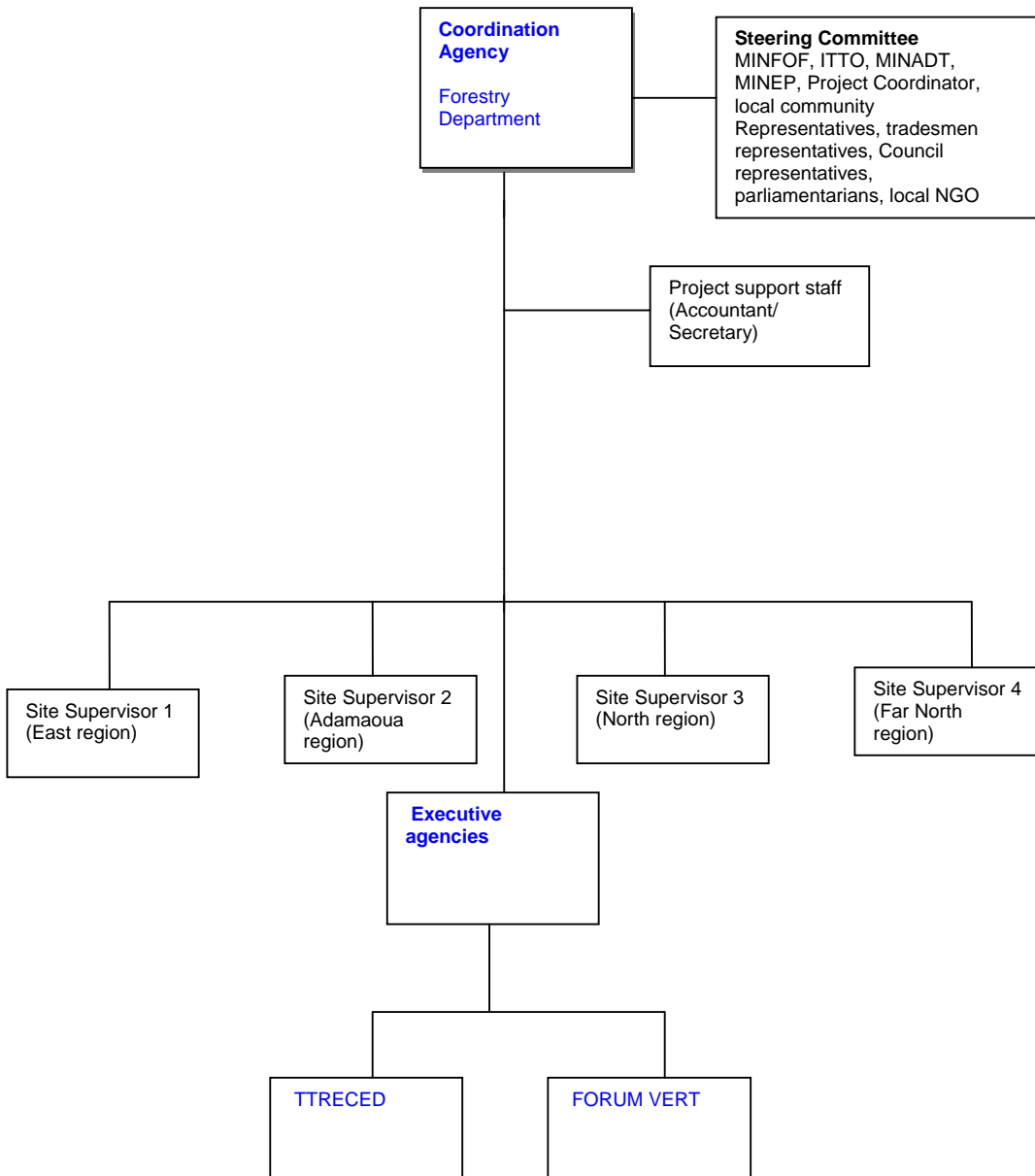
The members of the Steering Committee will be made of:

- a. MINFOF/General Secretary (chairperson);
- b. MINFOF/Directorate of forest (member and reporter);
- c. MINFOF/Directorate of processing and promotion (member);
- d. ITTO representative (Deputy-Chairperson);
- e. Parliamentarian (member)
- f. Representative of administrative authorities (member)
- g. Local communities representative (member);
- h. Tradesmen representative (member)
- i. Local NGO representative (member)

This team will meet quarterly to plan and monitor the implementation of the project.



#### 4.1.4 Stakeholder involvement mechanism



#### 4.2 Reporting, review, monitoring and evaluation

The project Coordinator will produce the quarterly technical and financial narrative reports as well as the final report. Quarterly reports will be based on the achievements of project outputs/activities of the Work Plan. A final report will be prepared within 2 months of the project completion for submission to ITTO. Progress on reduction of illegal logging related to community forestry development will be regularly reported. Key actors will be recorded and the importance of good governance frequently discussed with them among at stakeholders' meetings. Lessons learned will be disseminated. Quarterly work plan will be equally shared with partners. ITTO will make annual field monitoring and evaluation. Data collection and analysis will be shared with other key partners, including local communities and tradesmen.

### **4.3 Dissemination and mainstreaming of project learning**

#### **4.3.1 Dissemination of project results**

The results of the project will be communicated through national workshops, MINFOF and ITTO newsletters and international reviews (journals). Lessons learnt will be shared with key actors of the forestry sector in Cameroon. Legal timber sources will be disseminated to key forest controllers and tradesmen to ensure monitoring and mitigate control problems. Local and community radios will be used for dissemination of data on timber market. A specific network will be put in place to ensure communication between site supervisors. The final report will be available from ITTO and MINFOF websites.

#### **4.3.2 Mainstreaming project learning**

Cameroon has negotiated the VPA with EU indicating that the country wants to go for legality of its timber trade. By 2012 all timber exported to Europe will need FLEGT Authorization. The FLEGT process does not limit only to export timber, domestic trade is also concerned. This means that actors of the forestry sector should see the necessity to move toward legality. Results of this process will set the base for mainstreaming into national forestry policies and plans. This is a win – win process for both private and public sectors. There is need for a mainstreaming of this process and to sustain it.

## **ANNEXE 1: Profile of Execution Agency**

The Department of Forestry- Ministry of Forestry and Wildlife (MINFOF) is the execution agency of the project. This department of MINFOF is in charge of monitoring forest management, attribution of logging titles, community forests, forest taxes, forest land use plan and reforestation of Cameroon's forests. To implement its diverse programmes the department is divided into three sub-departments including: Community forest, forest inventory and management, and forest fiscal affaires. The sub-departments are also divided into specialized services.

The main projects coordinated by the Department in the past three years include :

- PAIVMA Project;
- RIGC Project;
- PAFRA project;
- National reforestation plan;
- Leader of component 2 of Forest and Environment Sector Programme (FESP) ;
- Leader in the Pilot process of VPA/FLEGT Cameroon –European Union;
- Focal point of working group on the Cameroon Forest Law review;
- Leader in the revision of the community forest management manual of procedures;

The Department has at its disposal some infrastructure and equipment such as 20 offices, 10 vehicles, 5 motorbikes, computer and other technical equipment. In terms of personnel, the department has over 30 Forestry Engineers, 15 senior technicians and 50 administrative employees.

## ANNEXE 2 : Tasks and responsibilities of principal experts mobilised by the execution agency

### Project Coordinator

The coordinator of the project will be the Director of the Forestry Department or his assistant, who will be in charge of:

- the representation of the project vis-à-vis partners;
- Planification and coordination of project activities;
- Orientation, follow-up and monitoring of expert contracts;
- Writing of quarterly reports and the final report of the project;
- Financial and administrative management;
- Publication of the results of the project.

### Project support staff (Accountant/ Secretary)

The coordinator will be assisted by a project support staff, accountant secretary, who will be in charge of following of financial records, documentation and secretariat work.

See below the CV of the Project coordinator.

#### CURRICULUM VITAE

#### ETAT CIVIL

Nom et Prénom : EBIA NDONGO Samuel  
 Date et lieu de Naissance : 18 Février 1958 à MELANE ( Ebolowa)  
 Fils de : NDONGO Jacques  
 Et de : BITYBIYAA ZO'O  
 Province d'origine : Sud  
 Département d'origine : VILA  
 CNI N° : 03984533 du 08/07/2003 à Yaoundé

#### ETUDES

Primaire : à MELANE et Bafoussam  
 Secondaire : ES d'Ebolowa, Lycée d'Ebolowa, Collège BONNEAU  
 Supérieur : ENSA Yaoundé, Université de GOTTINGEN

#### DIPLOMES OBTENUS

Année	Diplômes	Etablissement	Mention
1970	CEPE	E.P. MELANE	
1975	BEPC	CES d'Ebolowa	
1978	Probatoire « D »	Lycée de d'Ebolowa	
1981	BAC « D »	Collège BONNEAU	
1986	Ing. des Eaux, Forêts et Chasses	ENSA Yaoundé	Très honorable

#### CONNAISSANCES ACCESSOIRE ET STAGES

Certificat en Aménagement et Exploitation des Forêts Tropicales (Université GO 1991)

**Diplôme de Management Public**

Diplôme de Préparation Militaire Supérieure

## LANGUES PARLEES

**Français**

Anglais

## CARRIERE PROFESSIONNELLE

Matricule solde : 511 260-U  
Grade : Ingénieur des Eaux, Forêts et Chasses  
Catégorie : A2  
Indice : 1150  
Date d'entrée à la fonction publique : 6 Juillet 1986  
Service antérieur au cadre actuel : Etudiant  
Service utilisateur : Ministère des Forêts et de la Faune  
Lieu d'affectation : Direction des Forêts

## POSTES OCCUPES

**1987 - 1988 :** Chef de Bureau des licences et Permis au Service des Exploitations  
**1988 - 1991 :** Chef de Service Adjoint des Exploitations Forestières  
**1991 – 1993 :** Chargé d'étude Assistant à la Direction des projets agricoles  
**1993 – 1996 :** Chef de Service Adjoint du Recouvrement et du Contentieux  
1996 – 2001 : **Chef de Service du Recouvrement et du Contentieux  
cumulativement coordonnateur Adjoint du PSRF (1998 – 2001)**  
**Août 2001- Mars 2005 :** Chef de Service Provincial des Forêts du Centre  
**Mai 2005- Décembre 2007 :** Délégué Provincial des Forêts et de la Faune du Littoral  
**Depuis le 1<sup>er</sup> Décembre 2007 :** Directeur des Forêts

## SITUATION MATRIMONIALE

Marié, père de quatre enfants

Nom et Prénom de la conjointe : DANG BANGA Gisèle Salomé

### **Annex 3:**

#### **Tasks and responsibilities of key experts provided by the executing agency**

The key experts mobilized for the project will be comprised of the Technical Training and Research Centre for Development (TTRECED) and the non-governmental organisation called Forum Vert. The profiles of the two expert groups and their staff are presented below:

#### **Presentation of the Technical Training and Research Centre for Development (TTRECED-Yaoundé)**

TTRECED is a consultancy firm specialized in research on virtually all aspects of forestry including its socio-economics, bio-physical and environmental. We also have expertise and training capacities in domains such as econometric modeling, computer programming, creation of databases and statistical analysis of point/time-series data.

TTRECED is lodged in Yaounde-Cameroon. The abilities of our staff and the quality of the tasks already carried out with strict respect to deadlines have already brought us to gain the confidence of many national and international organizations including the World Conservation Union (IUCN), the Centre for International Forestry Research (CIFOR), the Food and Agricultural organization of the United Nations (FAO), the National Forestry Agency (ANAFOR) and the Zoological Society of London (ZSL). Tasks already accomplished with these institutions include:

- Write research paper to be published in UNASYLVA on the 'Potential role of forests in responding to economic crisis in Central Africa: the case of non-wood forest products. July 2009. FAO.
- Analysis of the state-of-the-art of *Pericopsis elata* (Assamela) production and management in Cameroon. ITTO Project on Assamela in Central Africa. March– June 2009. ANAFOR.
- Socio-economic studies, monitoring and mapping of hunting activities along the Zoulabot-Medoum road axis, Mindourou, Cameroon. January–April 2009. WWP-ZSL.
- Analysis of the impacts of artisanal gold and diamond mining on local livelihoods and the environment in the Sangha Trinational Park area as part of the IUCN-CIFOR partnership project on Landscapes and Livelihoods Strategies (LLS). October-December 2008.

Considering our achievements and interests in Forestry Research in Cameroon and Central Africa at large, TTRECED is a determined research and training centre that can ensure sound information flow to policy-makers on sustainable forest management and livelihood improvement in Cameroon. Please, included are the CVs of three TTRECED researchers/consultants (Dr TIEGUHONG Julius Chupezi, Ann Marie TIANI and NKAMGNIA Eric Maturin) for your appraisal.

## CVs of three Staff of TTRECED

### CURRICULUM VITAE

**NAME:** TIEGUHONG JULIUS CHUPEZI  
**DATE OF BIRTH:** 21-07-72  
**PLACE OF BIRTH:** Yaounde, Cameroon  
**MARITAL STATUS:** MARRIED  
**No. OF CHILDREN:** Two  
**NATIONALITY:** CAMEROONIAN  
**POSTAL ADDRESS:** TTRECED-Cameroon, P.B. 33297, Yaounde, Cameroon  
**E-mail address:** chupezi@yahoo.co.uk  
**Telephone:** (+237) 22237204; **Cell:** (+237) 75622222/ 97297902; **Fax** (+237) 22227450



### ACADEMIC PROFILE

YEAR	SCHOOLS ATTENDED	CERTIFICATES OBTAINED
2009	University of KwaZulu-Natal, Pietermaritzburg, South Africa	Ph.D (Forestry)
1998	University of Benin, Nigeria	MSc. (Forestry)
1995	University of Benin, Nigeria	B. Agriculture (Forestry & Wildlife)
1990	G.H.S Mbengwi	G.C.E. A-Level in 3 subjects (Chemistry-B, Mathematics-A, Biology-B)
1988	G.H.S Mbengwi	G.C.E. O-Level in 10 subjects

### KNOWLEDGE OF LANGUAGES

	Read		Write		Speak		Understand	
	Easily	Not easily	Easily	Not easily	Fluently	Not fluently	Easily	Not easily
English	**		**		**		**	
French	**			**		**	**	

### WORK EXPERIENCE IN THE FOLLOWING INSTITUTIONS

**(I). June 2008 to date.** Coordinator of the Technical Training and Research Centre for Development (TTRECED-Yaounde), help to set up the consultancy firm and to write project proposals for funding.

**(II). January – May 2009.** Consultant to the Wood Wildlife Project (WWP) of the Zoological Society of London (ZSL). Carry out socio-economic studies, monitoring and mapping of hunting activities along the Zoulabot-Medoum road axis bordering two forest concessions, Mindourou, Cameroon.

**(III). March – June 2009.** Consultant to ANAFOR-Cameroon to analyze the state-of-the-art of *Pericopsis elata* (Assamela) production and management in Cameroon. ITTO Project on Assamela in Central Africa.

**(IV). October to December 2008.** Consultant to CIFOR to analyze the impacts of artisanal gold and diamond mining on local livelihoods and the environment in the Sangha Trinational Park area as part of the IUCN-CIFOR partnership project on Landscapes and Livelihoods Strategies (LLS).

**(V). October 2007 to June 2008.** Visiting Scientist to CIFOR to complete and analyze Poverty Environment Network (PEN) dataset for the Congo Basin and write two scientific articles for CIFOR on forest and poverty linkages. Carry out a targeted verification of the environmental and social benefits of GEF support through the Biodiversity Conservation and Management Project/PCGBC in and around Lobeke National Park as well as follow on activities by other donors and NGOs.

**(VI). February 2007 to August 2007.** International Consultant; FAO Interim Regional Coordinator for FAO/CIFOR/ICRAF/SNV multi-stakeholders' Project GCP/RAF/408/EC on capacity building for the development of small and medium scale forest enterprises based on NWFPs (2007-2009). 1. Ensured a good project kick-off as interim regional coordinator until a new one was recruited. 2. Prepared a work plan in

collaboration with national coordinators, the technical unit at the FAO headquarters with operational supports from the regional office (RAF). 3. Ensured the coordination of the implementation of initial activities based on the project document. 4. Assisted in the creation of a pilot project management committee and organisation of the first meeting. 5. Ensured proper liaison with technical and administrative units at the headquarters and regional office of FAO 7. Ensured proper collaboration with national coordinator in the Democratic Republic of Congo 6. Wrote a report on project start-up and progress

**(VII). 1st March 2004 to January 31st 2007.** Consultant to CIFOR-Cameroon, PEN partner and PhD candidate, University of KwaZulu Natal. (1) Collect Poverty Environment Network (PEN) dataset in TNS, Cameroon/Central African Republic. This involved best practice questionnaire implementation, as per the PEN network questionnaire, guidelines and enumerator training. (b) Prepared data for PEN.

(2) In charge of implementing LoAs between CIFOR and FAO for projects such as:

a). The impact of timber harvesting in forest concessions on the availability of NWFP in the Congo Basin. FAO/German Trust Fund Project. GCP/RAF/398/GER. b). National Analysis of Trade-Related Instruments Influencing Trade in NWFPs: FAO/Norway Partnership Programme (NPP) (FNOP/INT/004/NOR)." c). Development of trade and marketing of NWFPs for poverty alleviation in Africa. KSLA/AFORNET/FAO Project: Lessons Learnt on Sustainable Forest Management in Africa. d). Analysis of the socio-economic role of NWFPs in Central Africa. FAOGCP/RAF/398/GER Project.

(3) Involved in writing book chapters such as paper for the African Development perspective year Book Volume 11 that dwelled on Africa-Escaping the Primary Commodities Dilemma. Undertook leadership in writing one workshop paper on commodity chain analysis for African grey parrots in Cameroon (WRI); made PowerPoint presentation in Bali Indonesia in June 2006 as well as adjusted the paper for journal publication.

**(VIII). 1st June 2003 to 28th February 2004.** Consultant to FAO-Rome on a KSLA/AFORNET/FAO project titled "Lessons Learnt on Sustainable Forest Management in Africa". 1. Undertook extensive search from various websites and collected key documents relevant to the case study themes and organized them into easily retrievable database. 2. Maintained regular contacts with the concerned FAO staff members and regularly updated the collection of documents. 3. Provided the publications (in hard copies and electronic format) to the consultants contracted to undertake the case studies as and when required. 4. Interacted with the consultants employed for undertaking the case studies and responded to requests for providing information. 5. Prepared periodic progress reports on the provision of information support services. 6. Undertook any tasks related to the implementation of the project as and when required. 7. Wrote the overview chapter of 34-40 pages for the project and edited draft reports from consultants.

**(IX). 1<sup>st</sup> February 2003 to 31<sup>st</sup> May 2003:** Consultant with the Centre for International Forestry Research (CIFOR) – Cameroon. I actively participated in writing concept notes and research proposals for consideration and funding by CARPE. I was involved with the write up of IUFRO conference paper on the conflict between timber and non-timber forest products in logging concessions and also participated in handling CIFOR research data - data entry, verification and analysis.

**(X). Consultant to FAO-Rome: 22nd October 2002 to 22nd January 2003.** FAO- Rome, Forestry Planning and Statistics Branch (FONS). Reviewed and synthesized fees mechanisms for Non-wood forest products and forest services in 31 African countries for the Africa Outlook Studies on Forest Finance. EC-FAO Partnership Programme (2000-2002).

**(XI). 14th Dec. 2000 to 21 October 2002:** Centre for International Forestry Research (CIFOR) Cameroon. Participate in writing research proposals and concept notes as well as in data codification, entry, verification and preliminary analysis. Involved in reviewing and editing scientific papers such as the NTFP World Comparison case study papers. Writing of articles/conference papers and representation of CIFOR-Cameroon at workshops and seminars.

**(XII). 1998 - Nov. 2000:** Centre for the Promotion of Private Initiatives in Rural Development (CEPIRD). As head of the forestry unit, I was responsible for planning and coordinating community/social forestry programmes such establishing small-scale agroforests using fruit trees and legumes. Home gardening was promoted using fruit trees such as *Dacryodes edulis*, *Carica papaya*, *Picea* spp. etc



## Journal Articles, Book chapters and Workshop/Conference Papers Produced

### Journal/other scientific Articles

- Tieguhong J. C.** and Zwolinski J. 2009. Supplies of bushmeat for livelihoods in logging towns in the Congo Basin. *Journal of Horticulture and Forestry* Vol. 1 (5): 065–080.
- Tieguhong J.C** and Betti J.L. 2008. Forest and protected area management in Cameroon. *Tropical Forest Update* 18/1: 6-9.
- Tieguhong J.C.**, O. Ndoye and O. Mambo. 2006. *Prunus africana* harvest on Mount Cameroon and the Millennium Development Goals. *ETFRN News*. 47-48/07: 38-40.
- De Koning R., **Tieguhong J.C.** and V. Amougou. 2007. Cross-border trade and conservation in the Sangha River region (Cameroon, Central African Republic and Republic of Congo). *Nature & Faune* 22 (2): 17-24.
- Ndoye O. and **Tieguhong J.C.** 2004. Forest resources and rural livelihoods: The conflict between timber and Non-timber forest products in the Congo Basin. *Scand. J. For. Res.* 19(Suppl. 4): 36-44. Taylor & Francis Group. ISSN: 1400-4089.
- Tieguhong J. C.** and Zwolinski J. In press. The socio-economics of using poles for housing construction in the Congo Basin. *Forest Policy and economics*. Manuscript No. FORPOL 490.
- Tieguhong J.C.**, O. Ndoye, M. Tchatat and B. Chikamai. In press. Processing and Marketing of Non-Wood Forest Products for Poverty Alleviation in Africa. *Discovery and Innovation*.
- Tieguhong J.C.**, O.Ndoye and Ontcha T.M. In press. Managing pets for trade: Commodity Chains of African grey parrots (*Psittacus erithacus erithacus*) in Cameroon. *Conservation & Society*
- Tieguhong J.C.**, Ndoye O., Vantomme P., Zwolinski J. and Masuch J. In press. Coping with crisis in Central Africa: enhanced role for non-wood forest products. Accepted for *Unasylva* 233
- Chikamai B., M. Tchatat, **J.C. Tieguhong** and O. Ndoye. In press. Forest Management for Non-Wood Forest Products in Africa. *Discovery and Innovation*.
- Tieguhong J. C.** and Zwolinski J. Household dependency on forests in the Congo Basin. Submitted to *International Forestry review*.
- Tieguhong J. C.** and Zwolinski J. Economic sustainability of national parks in the Congo Basin: a case study of the Sangha Tri-National Park. Submitted to *Journal of Forest Economics*.
- Tieguhong J. C.** and Zwolinski J. Unrevealed economic benefits from forests in Cameroon. Submitted to *SILVA FENNICA*.
- Tieguhong J. C.**, and Zwolinski J. Sustaining timber production in the Congo Basin: a case study of the Lobeke National Park area, East Province of Cameroon. Submitted to *Journal of Forest Research* Manuscript No. JRES-D-09-00121.
- Tieguhong J. C.**, Zwolinski J., Ambe E. T., Tekombong G.P. and Nkamgnia E.M. Contingent valuation of ecotourism in the Sangha Tri-National Park in the Congo Basin. Submitted to *Journal of Ecotourism*
- Tieguhong J. C.** and Zwolinski J. Review on the management of protected areas in the Congo Basin. Submitted to *Journal of Forest Research*. Manuscript No. JRES-D-09-00127

### **Books/Book chapters**

**Tieguhong J.C.** 2009. Sustainable forest management in Cameroon. In: In Search of Common Grounds: Adaptative Collaboration Management in Cameroon. M.C. Diaw; T. Aseh and R. Prabhu (eds.). CIFOR. ISBN: 978-979-14-1265-0. Pp. 411-441.

**Tieguhong, J.C.** 2009. Ecotourism for sustainable development: economic valuation of recreational potentials of protected areas in the Congo Basin. Unpublished PhD Thesis, University of KwaZulu-Natal, Pietermaritzburg. xxii + 259 pp.

Ndoye O. and **Tieguhong J. C.** 2009. NTFPs and Services for sustainable livelihoods in Central Africa In: In Search of Common Grounds: Adaptative Collaboration Management in Cameroon. M.C. Diaw; T. Aseh and R. Prabhu (eds.). CIFOR. ISBN: 978-979-14-1265-0. Pp. 353-378.

**Tieguhong J.C.** and Ndoye O. 2007. The impact of timber harvesting in forest concessions on the availability of Non-Wood Forest Products (NWFP) in the Congo Basin. FAO Forest Harvesting Case Study 23. ISBN: 978-92-5-105709-4.

**Tieguhong J.C.** and Ndoye O. 2007. Annex C: National Analysis of Trade-Related Instruments Influencing Trade in *Prunus africana* and the African grey parrots (*Psittacus erithacus*): Applications and Impacts on Poverty Alleviation and Sustainable Forest Management in Cameroon. In: Markus Burgener (ed.): Trade Measures – Tools to promote the sustainable use of NWFP? An assessment of trade related instruments influencing the international trade in NWFP and associated management and livelihood strategies. *NWFP Working Document No. 6*. FAO. Rome. 145 pp.

**Tieguhong J.C.** and Ndoye O. 2006. Transforming subsistence products to propellers of sustainable rural development: Non-timber forest products (NTFPs) production and trade in Cameroon. *Africa-Escaping the Primary Commodities Dilemma. African Development Perspective Yearbook Vol. 11*. Unit 1. VERLAG Berlin. Pp. 107-137. ISBN 3-8258-7842-2

### **Refereed Workshop papers**

**Tieguhong J.C. and J. Zwolinski. 2009.** Supply of renewable resources from tropical forests to poverty stricken communities in the Congo Basin. 5th Dubrovnik Conference on Sustainable Development of Energy Water and Environment Systems. September 29 - October 3 2009, Dubrovnik, Croatia.

**Tieguhong J.C.** and J. Zwolinski. 2008. Unrevealed economic benefits from forests in Cameroon. Paper presented at the IUFRO Conference (IUFRO Unit 4.05.00 – Managerial economics and Accounting) in Ljubljana, Slovenia. 22 - 24 May 2008.

**Tieguhong J.C.** and J. Zwolinski. 2008. Economic sustainability of national parks in the Congo Basin: a case study of the Sangha Tri-national Park. Paper presented at the IUFRO Conference (IUFRO Unit 4.05.00 – Managerial economics and Accounting) in Ljubljana, Slovenia. 22 - 24 May 2008.

**Tieguhong J.C.** and O. Ndoye. 2006. Commercialization of *Prunus africana* (African Cherry): impacts on poverty alleviation in Cameroon. Presented at the 15th Session of the African Forestry and Wildlife Commission. Workshop on forestry, wildlife and poverty alleviation in Africa. 27-28 March 2006, Maputo, Mozambique.

**Tieguhong, J.C.** and Ndoye, O. 2004. Development of trade and marketing of non-wood forest products for poverty alleviation in Africa. Paper presented at Workshop on Lessons Learnt on Sustainable Forest Management in Africa. KSLA/AFORNET/FAO Project. Uppsala, Sweden. 18-22 October. 67pp.

**Tieguhong, J.C.** and Ndoye, O. 2004. Transforming subsistence products to propellers of sustainable rural development: Non-timber forest products (NTFPs) production and trade in Cameroon. Paper presented at the Workshop on African Development Perspective Yearbook Vol. 11 “*Africa-Escaping the Primary Commodities Dilemma*”, held in Bremen, Germany. 17-19 November. 28pp.

CTS Nair and **Tieguhong J.C.** 2004. African forests and forestry: An overview. Paper presented at the International Workshop on Lessons Learnt on Sustainable Forest Management in Africa. KSLA/AFORNET/FAO Project. Nairobi, 9-13 February. 28pp.

## Conference Proceedings

**Tieguhong, J.C.** and Ndoye, O. 2004. Wildlife and protected areas management in Central Africa: Major challenges and ways forward. Paper presented at the Vth Conference on Central African Moist Forest Ecosystems (CEFDHAC) in Yaounde, Cameroon. 24-26 May 2004.

Ndoye, O. and **Tieguhong, J. C.** 2002. Timber harvesting, non-timber forest products and local livelihoods in Central Africa. Paper presented at the 4<sup>th</sup> Conference on the Central African Moist Forest Ecosystems (CEFDHAC). Kinshasa. Democratic Republic of Congo. 10-13 June, 2002.

## Other Workshop/Symposium papers

**Tieguhong J.C.** and J. Zwolinski. 2009. Household livelihoods in the Sangha Tri-national park of the Congo Basin. TRI NATIONAL DE LA SANGHA Sixième réunion annuelle de l'équipe d'appui scientifique « Groupe Sangha » Ndjembé. Power Point Presentation le 27 juillet – 03 Août 2009

**Tieguhong J. Chupezi** and Janusz Zwolinski. 2009. Ethical dilemmas of protecting the forests in Central Africa. IUFRO International Symposium "Change in governance as collective learning process: Management, politics and Ethics in Forestry", Nancy France, Power Point Presentation. 21-24 June 2009.

**Tieguhong J.C.**, O.Ndoye and Ontcha T.M. 2006. Commodity-Chain Analysis for the Capture and trade in the African grey parrots (*Psittacus erithacus erithacus*) in Cameroon. Prepared for Policy and Distributional Equity in Natural Resource Commodity Markets: Commodity Chain Analysis as a Policy Tool Project. Workshop paper presented in Bali, Indonesia, June 2006.

**Tieguhong J. C.**, O. Ndoye, and E. J. Ekati. 2005. Community-based NTFP production and trade for rural poverty alleviation and resource conservation: Case of *Prunus africana* on Mount Cameroon, Cameroon. Paper presented at the International Symposium on NTFPs in Victoria, Canada. 25-27 August.

Awono A., O. Ndoye, D. Lema, **J. Tieguhong**, E. Noubissie. 2005. La commercialisation des produits forestiers non-ligneux au Cameroun: Potentialités et contraintes. PROMOTE 2005. JOURNÉE DE LA FORÊT. 9-11 Decembre.

Ndoye O. and **Tieguhong J.C.** 2003. Forest resources and rural livelihoods: The conflict between timber and Non-timber forest products in the Congo Basin. Paper presented at the IUFRO Forest Science/Policy Workshop, Denmark, June 23-27.

Ndoye, O. and **Tieguhong, J. C.** 2002. Cifor's presentation at the World Bank West and Central African Consultation on Rural Development Strategy. June 3-6. Ibadan. Nigeria.

**Tieguhong J.C.** 2000. Review of Non-Timber Forest Products (NTFPs) in Tropical Forest Environments. Unpublished article submitted to CIFOR-Cameroon. Yaounde. 13pp.

Mesape D.N. and **Tieguhong J.C.** 2000. A situational Analysis of wildlife management options in Cameroon. Unpublished article submitted to WWF-Cameroon Programme office. Yaounde. 17pp.

## Consultation Reports

Tieguhong J.C., Ingram V. and Schure J. 2009. Study on the impacts of artisanal gold and diamond mining on livelihoods and the environment in the Sangha Tri-National Park (TNS). Final report. CIFOR-Cameroon. Yaounde. June. 103 pp.

Tieguhong J.C. 2009. Field report on bushmeat socio-economics along the Zoulabot-Medoum road axis. Zoological Society of London. Wood Wildlife Project -Cameroon Final report. May.76 pp.

Tieguhong J.C. 2009. State-of-the-art of *Pericopsis elata* (Assamela) production and management in Cameroon Final report. ITTO Project on Assamela in Central Africa. ANAFOR-Cameroon. May. 61 pp.

Tieguhong J.C. 2008. Findings on GEF assistance (Biodiversity Conservation and Management Project / PCGBC) in the Southeast of Cameroon from 10th to 18th May 2008. Final Report. 15pp.

Noubissie E., **Tieguhong J.C.** et O. Ndoye. 2008. Analyse des aspects socio-economiques des produits forestiers non-ligneux (PFNL) en Afrique Centrale. Contribuer à la réalisation du projet FAO GCP/RAF/398/GER. Rapport. FAO Rome. 56 pp.

**Tieguhong J. C.** and Ndoye, O. 2004. National Analysis of Trade-Related Instruments Influencing Trade in *Prunus africana* and the African grey parrots (*Psittacus erithacus*): Applications and Impacts on Poverty Alleviation and Sustainable Forest Management. FAO/Norway Partnership Programme (NPP) "Forests for Sustainable Livelihoods (FNOP/INT/004/NOR)." Consultancy Report. December. 45 pp.

**Tieguhong J.C.** 2003. Review and Synthesis of fee mechanisms for Non-wood forest products and forest services in Africa. Africa Outlook Studies on Forest Finance. EC-FAO Partnership Programme (2000-2002). Consultancy Report. 59 pp.

Ndoye, O.; Awono, A.; Lema-Ngono, D.; **Tieguhong, J.C.**; Eyebe, A. and Tonye, M. 2002. Etude sur la commercialisation et les marchés des produits forestiers non-ligneux dans la zone forestière du Cameroun. A consultation for FAO. May 2002.

## **HOBBIES**

\*Reading and editing scientific papers, writing concept notes, travelling and music.

## **Professional Affiliations:**

- The Global Association of On-line Foresters (GAOF)
- The Biophysical Group and the Poverty Environment Network (PEN) of CIFOR.

**Anne Marie TIANI**

Socio-ecologist, Consultant

Contacts (237): 99 81 59 28

E-mail: [annatiani@yahoo.com](mailto:annatiani@yahoo.com)

Tiani Anne Marie, Cameroonian, Doctorate, Socio-ecologist.

**Expertise:**

- 1 Forest Ecology
- 2 Social Sciences and Participatory Methods and Tools
- 3 Participatory Action Research
- 4 Gender Issues
- 5 Rural Development
- 6 Collaborative management of tropical forests
- 7 Environment Impacts Assessment
- 8 Teaching/Training

**I - WORKING EXPERIENCE**

**1.1 Independent Consultant, From April 2008 on,**

Senior independent Consultant, doing research or training for several Organizations:

1. Training members of two local committees in charge of the monitoring of the forest concessions management plans on Facilitation techniques, monitoring and evaluation process and conflict management. Center for International Forestry Research (CIFOR), November 2008.
2. Studying the Institutional Mapping of Forest Governance in Cameroon. Forest Governance and Learning Group/Groupe de Réflexion et d'Etude sur la Gouvernance des Forêts (FGLG/GREG-Forêts), June-November 2008.
3. Leading a team of 6 researchers in conducting a socio-economic study, part of an EIA for the CAMIRON mining project. Rainbow Consult/CAMIRON, September 2008. Environmental Impact Assessment.
4. Co-author of a guide manual on Participatory Action Research adapted to the climate change adaptation in Africa, entitled *The Application of Participatory Action Research to Climate Change Adaptation. A Reference Guide. Version 1.0*. International Development Research Centre (IDRC); July 2008.
5. Co-organizing a 4-days workshop on Participatory Action Research and Learning & Knowledge exchange for the CCAA (Climate Change Adaptation in Africa) project managers of the African English spoken countries. International Development Research Centre (IDRC); Addis Ababa, September 2008.
6. Co-organizing a 4-days workshop on Participatory Action Research and Learning & Knowledge exchange for managers of the CCAA (Climate Change Adaptation in Africa) IDRC-DFID-funded projects of the African French spoken countries. International Development Research Centre (IDRC); Cotonou, October 2008.
7. Studying Gender issues in the Decentralized Forest management in Cameroon. International Model Forest Network Secretariat /African Model Forest network Initiative (IMFNS/IFMA), April-June 2008.

**1.2 Senior Consultant based at CIFOR: 1996 - 2008**

Ten years as Senior Consultant at CIFOR, successively in three CIFOR global research and Action Research programs namely Assessing Sustainable Forest Management: The Forests and Governance Program (2003-2008); Local People, Devolution and Adaptive Collaborative Management (ACM) (2000-2002); and Testing Criteria and Indicators (1996-2000); based at the Yaoundé Central Africa Regional Office, with the responsibility of managing partnership between CIFOR and other Research and Development Organizations.

**Responsibilities within CIFOR**

Team Coordinator of research and action research on :

1. Collaborative Management of Protected Areas;
2. Participatory Action Research methodology development;

3. Gender issues in forest management;
4. Local and indigenous criteria and indicators of sustainable management;
5. Facilitation, social ecology and participation.

### **1.2.1 Research and Participatory Action Research for CIFOR**

Main thematic research or research action done at CIFOR in ten years:

1. Forest Decentralization: Council and community managed forests (2000-2008);
2. Conflict management in forest concessions and protected areas (2006-2007)
3. **Interactive** Socio-economic studies of two forest concessions in Cameroon (2007).
4. Gender issues in forest management (2000-2008)
5. Research on Criteria and Indicators as monitoring, evaluation and negotiation tools (1997- 2005);
6. Adaptive and Collaborative Management of the protected areas
7. Development and test of Participatory methodologies and tools:
  - o Participatory Action Research (PAR),
  - o Criteria and indicators,
  - o Interactive socio-economic research; collaborative monitoring and evaluation tools
  - o Environmental and Social Impact Assessment
  - o Participatory ecological cost/benefits/risks analysis and participatory impact assessment of development projects at the grassroots level (2002 -2005).

### **1.2.2 Capacity Building, Research and PAR for CIFOR's partners**

#### ***With UNFF (2007-2008)***

Preparation of the African Decentralization workshop held at Durban, South Africa, April 2008:

1. Writing of the proposal submitted to UNFF;
2. Reviewing of abstracts, papers and French presentations.
3. Co-management of the workshop,
4. Co-edition of the book derived from the Workshop

#### ***With Intercooperation and AIM, Madagascar (November 2007)***

1. Training of the staff of Kolo Ala Manompana project on PAR, C&I development, visioning techniques and ACM concepts and processes.

#### ***With WWF and TRC (2007)***

1. Conducting Socio-economic studies of two forest concessions and design of action plan to manage conflicts among forest actors.
2. Setting a framework for conflict management around two forest concessions managed by Transformation Reef Cameroun. Ongoing partnership.

#### ***With the International Model Forest Network Secretariat (IMFNS) (2007)***

1. Action Research on Gender issues in the Cameroon Model Forests

#### ***With the World Fish Center (Cameroon) (2006)***

1. Training of staff and students on socio-economic interactive research methods and tools.
2. Conducting a PAR research on rural women managing aquatic resources as means for poverty alleviation around the Campo-Ma'an National Park.

#### ***With Forestry Development Authority, Liberia (2005)***

1. Training of trainers and staff of forestry sector FDA and SDI on participatory and interactive methodology for baseline studies.

### ***With Innovative Resources Management (2002 - 2005)***

1. Development of COAIT (Community Options Assessment and Investment Tools), a methodology aiming at building analytical capability within local communities. 2002-03. Cameroon. Djoum and Ngambe Tikar: 50 villages.
2. Facilitation of the Writing of 'Code of best practices for sustainable resources management' and other flyers by local representatives;
3. Training of trainers, representatives of 80 villages in DR Congo on facilitation;
4. Application of the COAIT methodology: 2004-05. 120 villages, DR Congo;

### ***With ATO/IITO Project (PD 124/01 Rev.2 (M)), WWF and Ministry of Environment and Forest (2004 - 2005):***

1. Organization of the workshop aiming at finalizing Criteria and Indicators for Sustainable Management of Cameroon forests, in partnership with ATO/ITTO Project and WWF. Set amended and adopted in December 2004 as national C&I.

### ***With Coopération Cameroun- Union Européenne and WWF Belgium (2003)***

2. Ecological analysis of Park management options, Korup National Park.

### ***With Campo-Ma'an Project and Foundation for Environment and Development in Cameroon (FEDEC) (2000 - 2002)***

3. Adaptive Collaborative management of Campo-Ma'an National Park.

### ***With Office National de Développement des Forêts (2000 - 2002)***

4. Adaptive Collaborative management of the Ottotomo Forest Reserve

## **1.3 Other relevant achievements and experience**

1. 1996 - 1999: Consultant, CIFOR, Development and Test of CIFOR Social Sciences Methods. The delivering of a toolbox by the whole team spread around the world had been one of the most important outputs.
2. 1996 -1997: Consultant, CIFOR, Social ecology expert, Development and Test of Criteria and Indicators of Sustainability of community managed forests.
3. 1992 - 1996: Consultant within national NGOs (CERFAP, CODASC) in many projects related to rural development, capacity building and Environmental Education, in particular.
4. 1982 -2000: Teacher of Biology, Physiology and Ecology, Cameroonian High Schools.

## **II - EDUCATION AND TRAINING**

### **2.1 Education**

1. Doctorate, Third cycle in Plant Biology, Botanic Option; October 6, 1989.
2. Subject: Architecture des Euphorbiacées et des Urticacées herbacées. Yaounde University, Cameroon
3. D.E.A.: Plant Biology and Plant physiology, June 1986; Yaounde University, Cameroon
4. Maîtrise: Forest Ecology, 1984; Yaounde University, Cameroon
5. Licence es Sciences (Bachelor Degree), 1982, Plant Biology and Plant physiology

### **2.2 Main training workshop attended**

1. 2006 (2nd - 5th May). Geographic Information Systems for Integrated Natural Resources Management, by World Agroforestry Centre. IITA, Yaounde, Cameroon.
2. 2005 (June). Gender & Diversity. A program of the Consultative Group on International Research (CGIAR), hosted By CIFOR at Bogor.
3. 2004. Environmental Assessment and Environmental Impact Assessment, by CODEV (Cabinet Conseil en Développement), with Professor Bouchard A.M. from Polytechnic High school of Montréal as Scientific Coordinator.

4. 2002. Training of Trainers, at Limbe (Cameroon), by WWF-CPO.
5. 2001 (November). Two weeks writing workshop held at Bogor, Indonesia
6. 1997-8. Development and test of the CIFOR social science methods;
7. 1997. Development and test of Criteria and Indicators for Community Managed forests
8. 1996 - 1997. Participatory Research Appraisal (PRA), in Gabon, then in Cameroon, initiated by WWF-US
9. 1979 - 1982: Natural Sciences Teacher for Secondary and High school, in The Higher Teacher's Training School of Yaounde

### III - LANGUAGES

	Read	Spoken	Written
English	Good	Good	Good
French	Excellent	Excellent	Excellent

### IV - SITES

#### Cameroon

**Model Forests:** Campo-Ma'an and Dja&Mpomo

**Community managed forests:** Mbalmayo and neighbouring environs; Nyong and Mfoumou Division; Ngambé Tikar, Djoum.

**National parks:** Campo-Ma'an and Korup.

**Forest reserve:** Ottotomo (Ngoumou) and Makak, Ma'an

**Forest concessions:** Forest Management Unit (FMU) 00 001; FMU 00 002 at Eseka, Makak, Lolodorf, Ma'an.

#### Democratic Republic of Congo :

**Hinterland sites :** Penzele, Lilanga, Mooto

**Fluvial sites:** Wendji Sekli, Ngombe, Mobenzeno, Bobangi

**Liberia:** Nimba National Park and surrounding towns.

**Burundi:** Bujumbura and Cibitoke Division

**Madagascar:** Manompana

### V - COMMITTEES:

1. GREG-Forêts Cameroun/Forest Governance and Learning Group (FGLG)
2. Gender and Diversity Associate
3. Member of WOCAN
4. Member of CEESP (Commission on Environmental, Economic and Social Policy)

### VI - PUBLICATIONS and DISSEMINATION

#### 6.1 Refereed Journal and Peer-reviewed book chapters

Tiani A. M. and J.M. Bonis Charancle, 2007. Simple Criteria and Indicators to Uncover and negotiate Local Perceptions on Sustainability. Forests, Trees and Livelihoods , vol.17, 3-21.

Tiani, A.M. and C. Diaw, 2006. Does Resettlement Really Contribute to Conservation? The Case of Ikundu-Kundu, Korup National Park, Cameroon. Policy Matters, 14, 113-126 .

Tiani A.M., G. Akwah, and J. Nguiebouri. 2005. Women in Campo-Ma'an National Park: Uncertainties and Adaptations in Cameroon , pp. 131-149, IN The Equitable Forest (C. Colfer, editor), Washington D.C. Resources for the Future and CIFOR



Diaw, M.C. and A.M. Tiani Fences in our heads: Lessons from the resettlement stalemate in the Korup National Park. Forthcoming (Fall), Journal of Sustainable Forestry

Tiani Anne Marie, 2001. The place of Rural Women in the Management of Forest Resources. The case of Mbalmayo and Neighboring Areas in Cameroon. in. People Managing Forests, edited by . C. J. Colfer and Y. Byron, Resources For the Future and Center for International Forestry Research, 72-89.

## 6.2 Co-productions

German L., A.M. Tiani, T. M. Maravanyika, E. Chuma, C. Jum, N. Nemarundwe, A. Daoudi, E. Ontita, G. Yitembe, V. Orindi and N. Beaulieu, September 2008. The Application of Participatory Action Research to Climate Change Adaptation. A Reference Guide. Version 1.0, International Development Research Centre, Department for International Development, Nairobi, Kenya.

Colfer C.J.P., Tchikangwa B., M.A. Brockesby, A.M. Tiani, M.A. Sardjono, R. Porro, and A. Salim 2001a. In search of a Conservation Ethic. in. People Managing Forests, edited by . C. J. Colfer and Y. Byron, Resources For the Future and Center for International Forestry Research, 171-89.

- 2001b. Access to Resources in Forest-Rich and Forest-Poor Contexts. in. People Managing Forests, edited by. C. J. Colfer and Y. Byron, Resources For the Future and Center for International Forestry Research, 250-73.
- 2001c. Rights to Manage Cooperatively and Equitably in Forest-Rich and Forest-Poor Contexts. in. People Managing Forests, edited by . C. J. Colfer and Y. Byron, Resources For the Future and Center for International Forestry Research, 322-45.
- 1999a. The BAG (Basic Assessment Guide for Human Well Being). In CIFOR C&I Toolbox series no. 5
- 1999b. The Grab Bag: Supplementary methods for assessing Human Well Being. In CIFOR C&I Toolbox series no. 6.

Colfer C.J.P., A. Salim, A.M. Tiani, B. Tchikangwa, M.A. Sardjono, and R. Prabhu, 2001. « Whose Forest is this, anyway ? Criteria and Indicators on Access to resources. in Criteria and Indicators for Sustainable Forest Management, edited by R.J. Raison, A.G. Brown and D.W. Flinn. CABI Publishing, 67-92.

## 6.3 Other publications

CIFOR advocacy for the preservation of the Ottotomo Forest Reserve. *Forests, People and Governance* vol.7,1: 5-7; Jan. 2006.

Proceedings of the first international workshop on Community Forestry in Liberia. Monrovia 12-15 Dec. 2005. Towards a share Vision and Action Frame for Community Forestry in Liberia

Cameroon: Restriction policies in National park have impacts on women. *World Rainforest Movement* Bulletin No 90, Jan. 2005. Derived from the 'Women in Campo-Ma'an National Park: Uncertainties and Adaptations in Cameroon". <http://www.wrm.org.uy>

Participatory 'Etat des lieux' of local development in Democratic Republic of Congo: The ongoing partnership between CIFOR and IRM. *Forests, People and Governance Programme Bulletin*, vol.26, 2. April 2005.

Kaimowitz D., 2004. Gender in the park. *CIFOR-Polex*. Derived from the 'Women in Campo-Ma'an National Park: Uncertainties and Adaptations in Cameroon" paper, and translated into many languages.

Tiani A.M and C. Diaw, 2004. CIFOR help Cameroon Government develop forest C&I. *CIFOR News*, dec.2004. [www.cifor.cgiar.org](http://www.cifor.cgiar.org)

Tiani A.M. Jul. 2004. Workshop on the Finalization of Criteria and Indicators (PCI) for Sustainable Management of Cameroon Forests. *ACM News* vol.5,3; July 2004

CIFOR research recognizes critical role of women in sustainable forest management. *CIFOR News* 20:1-2

## 6.4 Recent conference presentations

1. *Institutional Mapping of Forest Governance in Cameroon*. Research result presentation at the meeting of Forest Governance Learning Group (FGLG/GREG-Forêts) in Yaoundé, August 2008.
2. *Les conflits autour des concessions forestières. Du diagnostic à la recherche des solutions durables*. A ppt presentation on experiences of conflict management among forest actors. Workshop organized by WWF and its Central Africa Forest and Trade Network (CAFTN) partners in Douala, June 2008.

3. *Forest Management policy and people's Well Being in Cameroon*. Sharing 10 years Cameroonian experience on Community forestry with Forestry Development Authority staff (Liberia), October 7<sup>th</sup>, 2005;
4. *participatory ecological Costs benefits and risks methodology*. Presentation of the DRC experience to Liberian Forest Forestry Development Authority staff and Civil society, following their request;
5. *Building ecological knowledge as a tool for community sustainable forest management: lessons from Central Africa*. Paper presented at the American Geographers Annual meeting (AAG), Chicago, 7-11 March 2006. Submitted to Human Ecology.

## VII. REPORTS

### 7.1 Main Research Reports to CIFOR

Tiani A.M. 2005. Options and Opportunities for Community Forestry in Liberia. Baseline study around East Nimba reserve. A complementary report

Tiani A. M., G. Akwah, J. Nguiebouri et C. Diaw, Jan. 2002. Les communautés riveraines Face au Parc National de Campo-Ma'an. Perceptions, Vécu quotidien et Participation. Rapport. CIFOR.

Tiani A. M., Jan. 2001. Etude de contexte. La gestion du Massif Forestier d'Ottotomo: Tableau des acteurs et les premiers enseignements en vue de l'opérationnalisation de la co-gestion adaptative (ACM).Rapport. CIFOR Cameroun.

Nasi R., A.M. Tiani, J. Nguiebouri, Juillet 2001. Tournée dans l'UTO Campo-Ma'an. Village de Nkoelon (23 - 28 Juin 2001). Rapport CIFOR.

Burford de Oliveira N., Shiembo p., Tiani A. M., Vabi M., 1998. Developing and Testing Criteria and Indicators for the sustainability of Community managed Forests in the SOLIDAM zone, Central Province, Cameroon. Field report. CIFOR.

Tiani (A.M.), 1997 : Developing and testing Criteria and Indicators for community managed forests - avec application à Eyek II et Akak I-Bitetele (Zone SOLIDAM). Aspects écologiques. Rapport. CIFOR.

Tiani (A. M.), et Mvogo (B.E.), Oyono (A.), Kenmegne (D.N.), 1997: A Test of Social Science Assessment Methods (near Mbalmayo, Cameroon). Report to CIFOR, Assessing Sustainable Forest Management : Testing Criteria and Indicators Project.

### 7.2 Main Reports to CIFOR's partners

#### To WWF and TRC

Tiani A.M., J. Nguiebouri D. Manirakiza, C. Juin 2007. *Etude socioéconomique autour des UFA 00 001 et 00 002. Premier diagnostic et identification des principaux conflits*. CIFOR. WWF. Yaounde Cameroun.

#### To WWF and European Commission

- 1) Tiani A.M., J. Nguiebouri, C. Diaw, 2003. *Analyse des coûts, bénéfiques et risques écologiques liés aux options de gestion des villages situés dans la parc national de Korup*. CIFOR, WWF, Yaounde, Cameroun.

Diaw M.C.,A.M. Tiani, C.N. Jum, A. Milol, and D.N. Wandji, July 2003. *Assessing long-term management options for the villages in the Korup National park. An evaluation of all options*. European Commission, Worldwide Fund for Nature and Centre for International Forestry Research.

#### To World Fish Center

Tiani A. M., J. Youaleu Noubayo, J. Nguiebouri et R. Brummett, 2007. *Les Femmes et la Gestion des Ressources Halieutiques dans la Forêt Modèle de Campo-Ma'an. Recherche Action Participative pour une Durabilité Environnementale et Économique*. Worldfish Center. Center for International Forestry Research. Yaounde, Cameroun.

To *International Model Forest Network Secretariat*

Tiani A.M., M. Zoa et J. Gaoe 2007. *Le Genre et les minorités dans les Forêts Modèles du Cameroun. Forêt Modèle du Dja&Mpomo. Forêt Modèle de Campo-Ma'an*. Center for International Forestry Research, Secretariat du Réseau International des Forêts Modèles, Yaoundé Cameroun.

To *ATO/IITO Project*

First draft of the Cameroon set of Criteria and Indicators for sustainable management of Forests in Cameroon

To *Innovative Resources Management /USAID*

Tiani A.M April 2005: A guide on participatory costs, benefits ecological and risks analyses, made up of 5 brochures for training of village leaders on environmental education and communal environmental impact analysis of villagers activities was used in the field.

Tiani A.M., with G. Tchounza, 2005. Participatory Costs, Benefits and Risks Analysis (PCBRA) *Analyse écologique des options de développement*. Mission du 19 avril au 31 mai 2005. Landscape 7, Province de l'Equateur, RD Congo.

Tiani A.M. et C. Diaw. Fév. 2004. *Le COAIT et la mobilisation communautaire dans le CLIFS. Que faire?* Contribution du Consortium ICRAF /CIAT/CIFOR/INERA. CIFOR Cameroun.

Tiani A. M. Septembre 2004. *Méthodologie d'analyse participative des coûts, bénéfices et risques écologiques liés aux options de développement*. Document du formateur. Innovative Resources Management.

Tiani A. M. Octobre 2004. *La Confection du Prospectus*. Document méthodologique. Innovative Resources Management.

Tiani A. M. Mai 2005. *Méthodologie d'Analyse écologique participative des options de développement local*. 5 Fascicules pour les représentants communautaires. Innovative Resources Management.

## VIII - SOCIAL CORPORATION

1. President of *Kom shushi*, the Upper Nkam Women Association, gathering twice a month some 52 members living around Nkolbisson, Yaounde for saving, credit, social activities and mutual assistance and support.
2. President of AGIR ENSEMBLE, an urban development association, launch in the Nkolbisson urban area in 2004, gathering 227 households with 15 active members.
3. Active member of Club des Amis du Haut-Nkam, Mbalmayo, a 20-years-old association of men and women originate from the Upper Nkam Divivion, West province, Cameroon, and living in Mbalmayo.

## IX - HOBBY

1. Reading
2. Sewing
3. Dancing

## X - PERSONAL INFORMATION

1. **Born on** October 21, 1959 at Bafang, West province, Cameroon; Mother of 4.

## CV of NKAMGNIA Eric Maturin

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Né le 25 août 1981 à Bangangté-Cameroun  
Nationalité Camerounaise  
B.P. 134 Yaoundé-Cameroun  
Tél. (+237) 77 05 29 49/22 04 83 43 Email : n\_kamgnia@yahoo.fr

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### FORMATIONS

- 2008 **Maîtrise en informatique** – Université de Yaoundé I (UY1)-Cameroun
- 2007 **Ingénieur d'Application de la Statistique – Institut Sous-régional de Statistique et d'Economie Appliquée (ISSEA)**, Yaoundé-Cameroun  
Option Gestion (Boursier du gouvernement camerounais)
- 2001 **Baccalauréat Scientifique (Spécialité Mathématiques-physiques)** - Lycée de Bangangté - Cameroun

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### STAGES ET EXPERIENCES PROFESSIONNELLES

- Août 2007-Mai 2008 **MINISTERE DE L'ECONOMIE, DE LA PLANIFICATION ET DE L'AMENAGEMENT DU TERRITOIRE**  
(10 mois) Cadre
- Juin 2008 – En cours **INSTITUT NATIONAL DE LA STATISTIQUE**  
Cadre
- Juin - Décembre 2008 **Forum Camerounaise de Psychologie (FOCAP) Yaoundé - Cameroun**  
(6 mois) Consultation  
1. Analyse, conception et réalisation de la base de données des statistiques scolaires et indicateurs des Ecoles Amies des Enfants, Amis des Filles (EAEAF) (MINEDUB-UNICEF)  
2. Analyse statistique des données recueillies dans ces EAEAF
- Juillet - Septembre 2007 **MINISTERE DE LA SANTE PUBLIQUE DU CAMEROUN**  
(03 mois) Consultation  
Analyse, conception, réalisation et administration de la base de données du concours d'entrée dans les écoles de formation des personnels médico-sanitaires du 08 septembre 2007
- Juillet 08 – En cours **TTRECED**  
Consultant  
1. Analyse statistiques des données des enquêtes réalisées par le bureau  
2. Formateur en informatique et en statistique
- 2007 **ORGANISATION DE COORDINATION POUR LA LUTTE CONTRE LES ENDEMIES EN AFRIQUE CENTRALE (Organisation Internationale), Yaoundé-Cameroun**  
(03 mois) Stage académique de fin de 4<sup>e</sup> année d'ingénieur  
Etude des profils enzymatiques de la résistance métabolique dans les populations d'*anopheles gambiae s.l.* du Nord-Cameroun : applications statistiques et modélisations

2006 **INSTITUT SOUS-REGIONAL DE STATISTIQUE ET D'ECONOMIE APPLIQUEE (Organisation Internationale), Yaoundé-Cameroun**

(03 mois) Stage académique de fin de 3<sup>e</sup> année d'ingénieur  
Formation et dynamique d'insertion professionnelle des jeunes camerounais : cas de la ville de Yaoundé

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**LOGICIELS, LANGAGES DE PROGRAMMATION ET MAINTENANCE**

Applications : Maîtrise complète de la game office (Word, Excel, Publisher, PowerPoint, Access, InfoPath, Outlook), FrontPage, PageMaker, Photoshop.

Logiciels statistiques : CSpro, EpiInfo, SPSS, EVIEWS, SPAD, RATS, STATA, SAS, R.

Langages de programmation : Turbo Pascal, C, C Builder, C++, Java, Python.

Développement web : Html, Php, JavaScript, Joomla !, Dreamweaver

Bases de données et interface : Access, Oracle, MySQL, SQL Server, Delphi, VBA, .NET, Dev info, Windev, Power AMC.

Maintenance: Ordinateurs de bureaux, Portables, récupération des données, etc.

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**SYSTEMES D'EXPLOITATION ET ENVIRONNEMENT DE TRAVAIL**

Windows (Très bonne maîtrise)  
Linux (Bonne maîtrise)

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**PROJETS INFORMATIQUES REALISES**

- 2004 **Programmation et application internet (Projet académique)**  
Réalisation d'un petit site web pour un établissement scolaire
- 2005 **Base de données (Projet académique)**
1. Analyse, conception, réalisation d'une base de données (plus interface graphique) pour la gestion d'un établissement scolaire
  2. Analyse, conception, réalisation d'une base de données (plus interface graphique) pour la gestion d'une bibliothèque
  3. Analyse, conception, réalisation d'une base de données (plus interface graphique) pour la gestion d'un supermarché
- 2006 **Programmation système et réseau (Projet académique)**
1. Réalisation d'un interpréteur de commandes en shell et en C
  2. Réalisation de la communication interprocessus à l'aide des tubes non-nommés
  3. Réalisation du modèle client-serveur (communication interprocessus sur deux machines distantes) à l'aide des sockets
  4. Configuration d'un réseau local sur Linux
- 2008 **Projet II (Maîtrise informatique)**  
Analyse, conception et réalisation d'un site web pour le tourisme dans la ville de Yaoundé (A l'aide du CMS Joomla !)

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**TRAVAUX DE RECHERCHE ET PARTICIPATION AUX ETUDES**

- 2006 - 2007 Mémoire en vue de l'obtention d'un diplôme d'Ingénieur d'Application de la Statistique - ISSEA  
**Thème** : Impact d'un Accord de Partenariat Economique entre l'Union Européenne et les Etats de la CEMAC sur l'économie camerounaise : cas du secteur industriel
- Mars 2006 **Thème l'étude** : Etude de la dynamique d'insertion socioprofessionnelle des jeunes dans la ville de Yaoundé, Poste occupé : **Contrôleur**
- Mars 2005 **Thème l'étude** : Etude de la dynamique d'insertion socioprofessionnelle des jeunes dans la ville de Yaoundé, Poste occupé : **Enquêteur**
- Mars 2004 **Thème l'étude** : Etude de la dynamique d'insertion socioprofessionnelle des jeunes dans la ville de Yaoundé, Poste occupé : **Enquêteur**

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**LANGUES**

Français	Très bon niveau (lu, écrit et parlé)
Anglais	Assez bon niveau (lu, écrit et parlé)

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**CENTRES D'INTERET**

Associations 1998-2001	Président des jeunes de la Communauté de base N°12 de Bangangté – Cameroun
2004-2005	Président de la commission ordinateur pour tous de l'ISSEA
2005-2006	Vice Président du club informatique de l'ISSEA
2006-2007	Président du club informatique de l'ISSEA
2005-2007	Vice Président du club de danse sportive la finesse, Yaoundé-Cameroun
Sports	Football, Hand-ball, Volley-ball, Athlétisme, Gymnastique Jeux de dames, Rédaction d'articles divers, Lectures variées (actualité économique, sportive, etc.)
Loisirs	Titulaire d'un permis catégorie B de conduite, Organisateur du concours du génie statisticien (ISSEA, juin 2005), Professionnel des danses sportives et assimilées (salsa, rock, chachacha, rumba, etc.)

## CURRICULUM VITAE

### IDENTITE

**Nom :** KOULBOUT  
**Prénom :** David  
**Date et lieu de naissance :** 25 avril 1973 à Kobdombo (Ayos)  
**Profession :** Ingénieur des Eaux, Forêts et Chasse  
**Province d'origine :** Est  
**Département d'origine :** Haut-Nyong  
**Religion :** Protestante  
**Situation matrimoniale :** Marié, père de 02 enfants  
**Profession de l'épouse :** Professeur des lycées de l'enseignement général (Philosophie)

### FORMATION ACADEMIQUE

2008 : DEA (Diplôme d'Etude Approfondie) au Département de Biologie Végétale de l'Université de Yaoundé I. (*soutenance Mémoire en Décembre 2009*)  
1999 : Ingénieur des Eaux, Forêts et Chasse (F.A.S.A., Université de Dschang).  
1993 : Baccalauréat D (Mathématiques et Sciences de la nature) Lycée Classique de Bertoua.  
Français : Ecrite et parlée (très bien)  
Langues : Anglais : Ecrite et Parler (assez bien)  
Langues locales (majorité province de l'est)

### STAGES EFFECTUES

1999 : Stage d'insertion professionnelle au Centre International d'Appui au Développement Durable (CIAD, Lomié) avec l'appui financier et technique de la SNV et du projet Forêt Communautaire (PFC), Essiengbot – Périphérie nord de la réserve Biosphère du Dja).  
1998 : Stage de pré-insertion professionnelle au Projet UICN-DJA dans le programme Grands Mammifères.  
1997 : Stage de découverte d'une exploitation agricole à la Compagnie Forestière Sangha Oubangui (CFSO, ATOK) ;  
1994 : Stage monographique à Djanassoumé dans l'arrondissement d'Abong-Mbang

### EXPERIENCE PROFESSIONNELLE

Depuis 2006 : - Représentant du MINRESI au Comité d'approbation des plans d'aménagement (MINFOF) ;  
- Représentant du MINRESI à la Commission Technique Consultative au Ministère des Forêts et de la Faune (MINFOF) ;  
- Membre du Comité des Programmes du Fonds Spécial au Développement Forestier ;  
- Représentant du MINRESI au comité permanent de suivi de la mise en œuvre des résolutions de la Déclaration de Yaoundé sur la conservation et la gestion durable des forêts tropicales ;  
- Représentant du MINRESI au Comité Technique du Projet OIBT/CITES/UE "Gestion durable et réhabilitation des plantations de *Péricopsis elata* dans les concessions forestières du Cameroun" ;  
- Membre du Groupe de Travail (Autorité Scientifique) restreint pour la formulation d'un Avis de Commerce Non Préjudiciable sur *Péricopsis elata* (Assamela/Afromorsia) ;  
- Chargé d'Etude Assistant n°1 au MINRESI (Division de la Promotion et de l'Appui à l'Innovation) ;  
Janvier 2006 :

- 2005 : Consultant au Programme Régional de Gestion de l'Information Environnementale (PRGIE) pour l'Aménagement de la zone péri-urbaine de Yaoundé-Nsimalen.
- 2002 : Chercheur à l'Institut National de Cartographie (INC), service de la télédétection.
- 2001-2002 : Chef de site WWF (Fonds Mondial pour la Nature) auprès du parc National de Lobeke à l'Est du Cameroun.
- 2000-2001 : Assistant technique au WWF chargé de l'aménagement des zones d'intérêt cynégétiques à gestion communautaire (ZICGC) au Sud-Est Cameroun.
- 1999-2000 : Chargé d'études au Centre International d'Appui au Développement Durable (CIAD) pour la création d'une zone de chasse communautaire à Dja-posten en périphérie Est de la Réserve de faune du Dja.

## **SEMINAIRES/ATELIERS**

- Novembre 2008 : Atelier de lancement du plan d'aménagement de la réserve de biosphère du Dja et du Programme ECOFAC IV. Représentant du MINRESI.
- Octobre. 2008 : Mission de revue à mi-parcours du PSFE. (Hotel MONT FEBE-Yaoundé, 2008). Représentant du MINRESI
- Septembre.2008 : -Atelier de l'élaboration et de consolidation des PTA 2009 du MINFOF et du MINEP. (Kribi, Hôtel Palm Beach Plus, du 02 au 05 septembre 2008). Représentant du MINRESI
- Août. 2008 : - Atelier National "RECHERCHE \$ PSFE" (Hôtel Hilton-Yaoundé, 2008). Représentant du MINRESI
- Juillet.2008: -Atelier de planification de la Stratégie Nationale de l'Information Environnementale. (Douala, 2008). Représentant du MINRESI
- Novembre 2007 : - Atelier sur les statistiques de la science et de la technologie en Afrique Centrale [UNESCO] (Douala, 2007, Cameroun). Représentant du MINRESI.  
- Atelier de Concertation, d'Orientation et de Planification des Etudes de la Stratégie Nationale de l'Information Environnementale et du Monitoring Environnemental du 13 au 15 novembre 2007 à Mbalmayo (Représentant de l'INC).
- Mars 2007 : Atelier retraite de mise en forme du projet de Convention – Cadre MINFOF/MINRESI/MINSUP (Dschang, 2007). Représentant du MINRESI
- Janv. 2007 : Atelier de validation d'un canevas pour l'élaboration d'un manuel de procédures de gestion des Risques Industriels (Yaoundé, 2007). Représentant du MINRESI.
- Sept 2006 : Séminaire de formation de l'Ecole d'ETE intitulé « Statistiques, Cartographies et Analyses Spatiales » Yaoundé, CRESA FORET BOIS du 22 août au 1<sup>er</sup> septembre 2006
- Mai 2006 : Forum National du Cameroun sur le Processus relatif à l'harmonisation des politiques et fiscalités forestières des pays/COMIFAC jardin Zoologique de Mvog-Betsi. Représentant MINRESI.
- Sept. 2005 : Séminaire sur le Management des projets relatifs à la gestion de l'environnement à l'Institut Supérieur de Management Public du 05 au 16 septembre 2005.
- Oct. 2005 : Atelier sur le Renforcement des capacités du MINFOF/MINRESI sur le SIG (ArcGIS 9.0) Yaoundé, CETELCAF (Nkolbisson)
- Fév. 2005 : Atelier sur l'autopromotion des populations « Pygmées » d'Afrique Centrale Mvolye, Yaoundé.



- Janv. 2004 : - Séminaire interministériel de validation du plan d'aménagement de la Réserve de Biosphère du Dja. Représentant du MINREST
- Août 2004 : - Séminaire sur invitation par le Réseau Inter Islamique des Sciences Spatiales et de la Technologie (Islamabad, Pakistan) pour le suivi et la protection de l'environnement naturel ;
- Juin : 2003 : Séminaire sur le renforcement et le développement des compétences managériales et communicationnelles des services du MINEF (Bertoua), représentant du WWF.
- Mars 2001 : Atelier sur la stratégie de gestion de la faune au Cameroun (Garoua), représentant du WWF.
- Avril 2000 : Atelier sur la cogestion des ressources naturelles (Yokadouma)

#### **APTITUDES PROFESSIONNELLES**

- Elaboration des Plans d'Investissement des Forêts Communautaires (PI).
- Maîtrise des techniques de collecte et d'analyse des données d'inventaire fauniques et forestiers ;
- Maîtrise des techniques de gestion des conflits ;
- Maîtrise de la technique de rédaction des plans d'aménagement des zones d'intérêt cynégétiques à gestion communautaire (ZICGC) ;
- Maîtrise des techniques d'animation et de sensibilisation des populations ;
- Organisation des villageois en association et en GIC;
- Elaboration des statuts et règlement intérieur des comités de valorisation des ressources fauniques (COVAREF) ;

#### **AUTRES APTITUDES**

- Permis de conduire cat. B (1998)
- NTTC : Bonne maîtrise
- Sport pratiqué : Football, Handball, Athlétisme.

Je déclare exactes, les informations ci-dessus

***Fait à Yaoundé le 29 /09/2009***  
**David KOULBOUT**

## Presentation of the NGO FORUM VERT

Forum Vert was created in 2006 with headquarters in Yaounde and an overall objective of promoting the sustainable development of natural resources. Forum Vert is recognized as a non-governmental organization by the Ministry of Territorial Administration and Decentralisation (No. 001333/RDA/J06) with a collaborative convention under signature with the Ministry of Forestry and Wildlife (MINFOF). With increasing number of clients and needs, the activities of Forum Vert have expanded to include the elaboration and implementation of conservation and development projects in villages and councils.

### Mission

The mission of Forum Vert includes:

- Improving upon the sustainable exploitation and management of forest resources with the integration of the livelihoods of local populations;
- Sensitisation against abusive use and exploitation of forest and wildlife resources;
- Organisation and promotion of revenue generating activities alongside the conservation of environmental quality for the present and future generations;
- Support and training of local communities on the acquisition of community forests for local development;
- Provide technical, organizational and institutional supports to forest communities on legal matters and on the transparent use of revenues to meet their basic needs;
- Networking and collaboration with national and international organisations for increasing awareness on the need for legality, certification and the sustainability of forests and wildlife resources in Cameroon.

Since its creation the NGO has realised a number of development projects in the field as outlined below.

#### 1. Organisation of village community groups on legal matters related to forest resource exploitation:

- ADEVIMA group in Mang village in Biwong Boulou Sub-Division, Ebolowa
- MENLA group in Melan in Biwong Boulou Sub-Division, Ebolowa
- AFCO-2M group in Ntem and Valley Division of the South Region

Supports to these community groups were in the form of sensitisation meetings, holding of constituent assemblies, writing of statuts and internal regulations and putting in place community forest documents. In term of identification of zones, cartography and mapping out areas of interest, holding consultation meetings with administrative authorities and village communities and sensitisation on the Cameroon Forestry Law.

- Other areas of intervention has been in the realization of multi-resource management and exploitation inventories and the writing of simple management plans; searching for technical partners on the exploitation of community forests and training on the efficient and transparent management of community revenue.

#### 2. Forum Vert has also achieved a number of collaborative works with the following organizations:

- Organisation of a network on community forestry with the support of the Netherlands Development Cooperation (SNV)
- Sensitisation and putting together documents relating to the establishment of the National Participatory Development Programme (PNDP).
- All supported community forests are active since 2008 and current activity is on organizing and advising Ongol village community group (ONANN) on the legal procedures for obtaining their community forest.

## CVs of Staff and consultants of Forum Vert

### Team Leader

### CURRICULUM VITAE

MBETTY

Ratisbonne Patrice

40 ans

Marié, 02 enfants

Tel: (237) 77 22 48 73

E.mail : ongforumvert@yahoo.fr

#### CURSUS SCOLAIRE

Année	Etablissements	Diplômes obtenus
1990/1991	Lycée Technique de Yaoundé	BAC G2
1989/1990	Lycée Technique de Yaoundé	Probatoire G2
1988/1989	Lycée Technique de Yaoundé	Sde BG
1987/1988	CETIC d'Ebolowa	CAP aide comptable

#### CURSUS UNIVERSITAIRE

Années	Etablissements	Diplômes obtenus
2007/2008	Institut des Relations internationales du Cameroun	Inscription en Doctorat
1997/2001	Institut des Relations internationales du Cameroun	DESS en Marketing International
1996/1997	Institut des Relations internationales du Cameroun	Maîtrise en Marketing International
1995/1996	Université de Yaoundé II	Niveau Maîtrise en Sciences de Gestion
1991/1994	Université de Yaoundé II	Licence en Sciences de Gestion

#### FORMATION PROFESSIONNELLE

1999- stage de deux (02) mois à ELF OIL Cameroun, Direction commerciale.

1999- stage de trois (03) mois à la Chambre de commerce des Industries et des Mines du Cameroun; Direction Administrative et Financière.

1997- stage de trois (03) mois à la Société Immobilière du Cameroun (SIC) Service des ventes.

#### EXPERIENCES PROFESSIONNELLES

2000/2009- Enseignant en commerce International et Marketing au cycle de BTS à l'Institut Supérieur MATAMFEN et à l'Institut Supérieur de Technologie Appliqué et Gestion.

- Consultant au Bureau de gestion du fret terrestre.

2003/2005- Responsable de Gestion à CAFRAM SARL.

#### TRAVAUX REALISES

- Rapport de stage à la SIC Cameroun: thème; fixation de prix des logements.

- Rapport de stage à ELF OIL Cameroun: thème; vente des produits pétroliers au moyen des KIROBARS cas pétrole lampant.

- Mémoire DESS: thème; les obstacles à la commercialisation des produits pétroliers à l'étranger.

- Projet thèse de Doctorat en Relations Internationales: Impact des accords de partenariat économiques sur l'économie camerounaise.

- Etudes sur le mécanisme de facilitation du transport de marchandises en transit en zone CEMAC.

#### AUTRES CENTRES D'INTERETS

Langues: Français (lu, écrit et parlé)

Anglais (lu, parlé et écrit)

Informatique: Connaissance des outils Microsoft office (Word, Excel).

## Consultants of Forum Vert

### Curriculum Vitae of Belinga Salomon Janvier

#### 1. ETAT CIVIL

Nom : BELINGA  
Prénom : Salomon Janvier  
Date et lieu de naissance : 16 juillet 1967 à Ebolowa  
Profession : Ingénieur des Eaux, Forêts et Chasses  
Nationalité : Camerounais  
Province d'origine : Sud  
Département : Mvila  
Ethnie : Bulu  
Situation matrimoniale : Marié  
Nom du conjoint : Ikoumba Anne Carine  
Profession : Enseignante  
Nombre d'enfant : 03  
Nom du père : feu Belinga Samson  
Profession : Enseignant  
Nom de la mère : Mintounou Christine  
Profession : Ménagère.

#### 2. CURSUS SCOLAIRE

1972-1979 : Ecole primaire, obtention du C.E.P.E  
1979- 1984 : Enseignement secondaire, obtention du B.E.P.C  
1984-1985 : 2<sup>nd</sup>e C  
1985-1986 : 1<sup>ère</sup> D, Obtention du Probatoire D  
1986-1987 : Terminale D, obtention du BAC D  
1987-1988 : 1<sup>ère</sup> Année Ecole Nationale Supérieure Agronomique (ENSA)  
1988-1989 : 2<sup>ème</sup> Année ENSA  
1989-1990 : 3<sup>ème</sup> Année ENSA  
1990-1991 : 4<sup>ème</sup> Année ENSA, Option foresterie  
1991-1992 : 5<sup>ème</sup> Année ENSA, Option foresterie  
Mars 1993 : Obtention du diplôme d'Ingénieur des Eaux , Forêts et Chasses

#### 3. PARCOURS PROFESSIONNEL

1994-2003 : Chef de Brigade des inventaires forestiers à l'Office National de Développement des Forêts (ONADEF)  
2003-2004 : Superviseur du Projet Inventaire Forestier National financé par la FAO.  
2005- 2008 : Chef de Brigade Provinciale de Contrôle des Forêts et de la Faune du Sud  
2008 : Appelé à d'autres fonctions au MINFOF

#### 4. FORMATION

1996: Monitoring of biodiversity par Smithsonian Institution Man and Biospher, Limbé  
1997 : Directives de l'Union Européenne sur la gestion durable des forêts tropicales, Accra Ghana  
1997 : Politique de poste de travail dans l'entreprise par Management 2000, Yaoundé  
1998 : Rédaction administrative par Management 2000, Yaoundé  
1999 : Géomatique par TECSULT  
2001 : Analyse des plans d'aménagement forestiers par FAO  
2003 : Méthodologie Inventaire forestier national de FRA/ FAO  
2008 : Formation en audit de la gestion durable des forêts et à l'utilisation des critères et indicateurs OIBT/OAB, Sangmelima Cameroun  
2009 : Formation sur l'Elaboration, Mise en œuvre et Suivi des Plans de Développement Communaux (PDC) par le Centre Technique de la Foret Communale (CTFC), Yaoundé  
2009 : Formation sur la « Comptabilisation du stock de carbone dans le cadre du Projet pilote REDD dans la région de l'Est Cameroun », Projet d'appui à la COMIFAC, Mars-Avril.

## 5. CONNAISSANCES ACCESSOIRES

Logiciels WORD, EXCEL, MAP/INFO, ARC/INFO, TIAMA, POWER POINT.

## 6. PUBLICATIONS ET TRAVAUX REALISES

- 1998 : Rapport stage au poste agricole
- 1989 : Rapport sur la monographie du village Mang
- 1990 : Rapport de stage sur la possibilité de dater les arbres de forêts tropicales
- 1993 : Mémoire de fin d'études sur « la consommation du bois comme combustible et matériaux de construction dans la zone du Projet API Dimako »
- 2002 : Etude de cas sur la « Technique de quantification des écorces du *Johimbé* » conjointement avec la FAO
- Elaboration de plusieurs plans d'aménagement des Unités Forestières d'Aménagement (UFA), des Plans Simples de Gestion des forêts communautaires
- Conduite de plusieurs travaux d'inventaires forestiers d'aménagement et d'exploitation avec le bureau d'étude CAFRAM
- Réalisation d'une étude d'impact environnemental dans le cadre de l'ouverture d'une route ;
- Consultant au Projet OIBT/CITES sur la gestion durable de *Pericopsis elata* (Assamela) : volet analyse du potentiel ;
- Rédaction du Rapport de 2009 de progrès réalisés par le Cameroun sur la base des PCI OAB/OIB, Principe 1

## LOISIRS

- Football
- Cinéma
- Lecture
- Promenades

## 7. LANGUE

Français : Lue, parlée et écrite parfaitement

Anglais : Lue parfaitement, parlée et écrite moyennement

## 8. Politique

Conseiller municipal à la Commune rurale de Biwong-Bulu,  
Président de la Commission de Développement

## 9. Contacts

Téléphone : (237) 99756481

e- mail : belingajanviers @yahoo.fr

## Curriculum Vitae

**MENDOMO BIANG Jean Daniel**  
Né le 21 juillet 1976 à Akonolinga  
Tel : (237)7486123  
Courriel : [medax2002@yahoo.fr](mailto:medax2002@yahoo.fr)

*Camerounais, Province du Sud*



## Formations

### Ingénieur de Conception des Eaux Forêts et Chasses

#### *Spécialiste de la cartographie numérique/systèmes d'informations géographiques*

- 2004 Diplôme d'Ingénieur des Eaux, Forêts et Chasses. Faculté d'Agronomie et des Sciences Agricoles de l'Université de Dschang Cameroun. Mention assez bien.
- 1997 Baccalauréat ès Mathématiques et Sciences naturelles. Lycée de la Cité Verte.

## Formations non diplômantes

- 2009 (Avril à mai) FAN Bolivia/GTZ/GAF : Formation sur les techniques d'estimation des stock de carbone dans les forêts de production dans le cadre des mécanismes REDD.
- 2009 (Janvier) Formation dans l'univers de ERDAS Imagine et de ENVI.
- 2008 (décembre) GTZ ProPSFE ; Formation dans l'univers de ArcGIS ArcInfo.
- 2006 (Mai) Wildlife Conservation Society ; Formation aux techniques de monitoring biologique et en inventaire faunique (Distance sampling 3.5 et 4), utilisation du palmtop et du Visor.
- 2005 Global Forest Watch ; Spécialisation dans l'univers de Spatial analyst et Image analysis ; ArcGIS et Arcview 3.x.
- 2003 The Jane Goodall Institute ; Spécialisation en cartographie numérique et système d'information géographique (Arcview 3.x et Mapinfo Professional)
- 2002 The Jane Goodall Institute ; Spécialisations aux techniques d'inventaires forestiers et fauniques (Méthode de recherche en conservation des forêts pluviales africaines). Line transect et recce, usage de Distance Sampling 3.5 et 4.

## Expérience Professionnelle

- **Depuis juin 2008** : Chef de service de la cartographie et chef du centre de télédétection et de la cartographie forestière du Cameroun (Suivi de l'évolution du couvert forestier du Cameroun, et gestion de la carte d'affectation des terre du Cameroun).
- Participation active à la conception et élaboration d'une base de données interactive de l'Atlas forestier du Cameroun ;
  - Conception d'une base de données du suivi des aménagements forestier du Cameroun.
- **Avril à juin 2008** : Consultant permanent au Programme ECOFAC Cameroun, Conception du modèle de suivi écologique de la grande faune mammalienne et mise en place de l'unité SIG
- **Avril 2007 à avril 2008** : Consultant permanent au Programme JENGI (WWF CARPO) : Expert en biologie de conservation :
- Inventaire de la grande faune mammalienne dans la région du Sud-est et élaboration des plans de gestion de la faune dans les ZIC et ZICGC.
- **Juillet 2006 à Avril 2007** : cadre dans la cellule d'aménagement du Groupe DECOLVENAERE. Appui au processus de certification forestière (gestion des ressources forestières autre que le bois et responsable environnementale).
- **Octobre 2005 à Juillet 2006**: Wildlife Conservation Society (WCS/Cameroon Biodiversity Programme). Biologie de conservation et responsable du Biomonitoring et de l'unité SIG du parc national du Mbam et Djérem.
- Analyse SIG des données fauniques, floristiques et socio-économiques
  - Suivi des activités des stagiaires biologistes du projet sur le terrain

- Collecte des données biophysiques
  - Occupation spatiale
  - Suivi des activités de Biomonitoring
  - Formation des écogardes...
- **Octobre 2005 à Juillet 2006** : Concomitamment aux fonctions à WCS, Consultant responsable de la gestion des produits forestiers autre que le bois (Faune et PFNL) et environnement dans les concessions forestières du groupe DECOLVENAERE.
- Analyse SIG des données fauniques, floristiques et socio-économiques ;
  - Occupation spatiale ;
  - Etudes d'impacts sociaux et environnementaux ;
  - Audit interne en foresterie ;
  - Productions des cartes diverses...
- **Avril – Septembre 2005** : **Consultant à la Coopération Technique Belge ; Projet d'Appui au Développement Economique et Social des Baka des arrondissements de Djoum, Mintom et Oveng.**
- Etude sur les relations entre les concessions forestières, les aires protégées et les populations Baka et Bantou de la région de Djoum, Mintom et Oveng
  - Etude sur la pertinence, l'utilité et l'état d'avancement du processus d'acquisition et de gestion des forêts communautaires dans la région de Djoum, Mintom et Oveng
  - Etude sur l'état de la gestion des redevances forestières annuelles dans la région et de leurs impacts sur la réduction de la pauvreté dans les villages Baka et Bantou de la région de Djoum, Mintom et Oveng
- **Novembre 2004 – Mars 2005** : **Consultant au Wildlife Conservation Society (WCS/Cameroon Biodiversity Programme).**
- Etude d'impact sociale et environnementale : les enjeux pour un développement durable liés à la création des infrastructures dans le périmètre du futur barrage de Lom-Pangar.
  - Etude sur l'état des lieux de la commercialisation et du transport de la viande de brousse par train en vue du lancement du projet MINEF CAMRAIL ;
- **Juin– Octobre 2004** : **Assistant Technique au Jane Goodall Institute**

Responsable des aspects environnementaux, biologiques et socioéconomiques du JGI (analyse des données biophysiques et socio-économiques et responsables SIG, rédaction des rapports techniques)

#### **Janvier – février 2004**

Expert faune dans le cadre des inventaires de la faune mammalienne de la région de Tchabal Mbabo (Cameroun). Appui du Jane Goodall Institute au BirdLife International.

#### **Mars-décembre 2003**

1. Septembre à décembre

Ingénieur-Stagiaire du Jane Goodall Institute. Encadrement d'un jeune étudiant volontaire belge qui a travaillé sur l'influence des activités d'exploitation forestière sur la gestion des aires protégées (cas du sanctuaire à Gorille de Mengamé),

2. Mars à septembre

Ingénieur-Stagiaire du Jane Goodall Institute. Etude sur l'occupation spatiale villageoise, étude de la chasse villageoise. Cartographie des pistes forestières dans le sanctuaire à Gorille de Mengamé,

Traitement et spatialisation des données SIG, assistance aux étudiants stagiaires du JGI

#### **Janvier-février 2003**

Stagiaire au Jane Goodall Institute. Inventaire de la grande faune mammalienne du Sanctuaire à Gorille de Mengamé.

#### ➤ **Tâches effectuées**

Contribution à la définition de la faune mammalienne dans le Sanctuaire à Gorille de Mengamé. Comptage et analyse des données d'inventaire des grands mammifères du sanctuaire.

## Autres expériences

J'ai eu à dispenser des formations de base en cartographie numérique et systèmes d'informations géographiques à de nombreux ONG et sociétés forestières

- OPFCR : Cadre chargé de la gestion des ressources forestières (Arcview et Mapinfo)
- DEVOVENAERE/ Cellule d'aménagement
- Ecogardes du Sanctuaire à Gorilles de Mengamé (GPS et lecture des cartes)
- Ecogardes du Parc National du Mbam et Djerem (GPS, Navigation en forêt, Arcview et monitoring biologique)

## Stage de formation et séminaires

### Juillet 2006 (13-14)

Atelier de lancement du Projet Partenariat secteur Public secteur Privé : adaptation des approches de certification aux forêts communales et autres forêts permanentes de petites et moyennes superficies et facilitation d'accès au marché international.

### Juin 2006 (17)

Participation à l'assemblée générale constitutive de Forest Stewardship Council à Yaoundé.

### 2004

Formation sur la problématique Baka (MAPAPPY) à Sangmelima : Méthode d'Approche Participative des Populations Pygmées.

### Septembre 2002 à janvier 2003

Stage d'insertion professionnelle dans le projet Jane Goodall Institute. Thème : Cartographie des terroirs villageois et usage des ressources naturelles à la périphérie Ouest du Sanctuaire à Gorille de Mengamé. Cas des villages Amvom, Mebosso, Mengamé I et Mengamé II (Sud Cameroun).

### Août 2002

Formation sur la cartographie des terroirs villageois, sur l'usage pratique du GPS et sur le suivi de la faune sauvage à Nomgbwala selon les principes de Lee White (Périphérie nord de la Réserve de Biosphère du Dja à l'Est du Cameroun).

### Juillet 2002

Etude sur l'influence des ligneux ornementaux à fleurs sur l'avifaune nectivore du centre urbain de Dschang (Ouest Cameroun).

### Août 2001

Stage de pré insertion professionnelle à l'office nationale de développement des forêts (ONADEF)

Thème : historique de la régénération et état actuel des peuplements dans la réserve forestière de Kribi Kienké Sud (Sud Cameroun)

### Août 2000

Stage de découverte d'une exploitation agricole à Minkang (Centre Cameroun).

### Août 1999

Stage monographique à Ekoko Province du Centre Département du Nyong et Mfoumou (Centre Cameroun).

## Thèmes des études réalisées

- Etude de faisabilité sur l'assistance à la finalisation des cartes et au développement d'une unité SIG pour le Parc National de Mbam et Djérem et ses environs.
- Recensement préliminaire de la grande faune mammalienne du parc national du Mbam et Djerem
- Principaux résultats de l'identification des populations humaines au check point de Miyéré (Nord du Parc National du Mbam et Djérem)
- Relations entre les concessions forestières, les aires protégées et les populations Baka et Bantou de la région de Djoum, Mintom et Oveng
- Pertinence, utilité et état d'avancement du processus d'acquisition et de gestion des forêts communautaires dans la région de Djoum, Mintom et Oveng
- État de la gestion des redevances forestières annuelles dans la région et de leurs impacts sur la réduction de la pauvreté dans les villages Baka et Bantou de la région de Djoum, Mintom et Oveng
- Populations locales du périmètre du futur barrage de Lom-Pangar et enjeux pour un développement durable liés à la création des infrastructures dans leur région
- État des lieux de la commercialisation et du transport de la viande de brousse par train
- Cartographie des terroirs villageois et usage des ressources naturelles à la périphérie Ouest du Sanctuaire à Gorille de Mengamé. Cas des villages Amvom, Mebosso, Mengamé I et Mengamé II.
- Exploitation forestière industrielle et gestion des aires protégées en Afrique Centrale : Cas du Sanctuaire à Gorille de Mengamé Province du sud Cameroun.
- (2004) Evaluation du potentiel faunique mammalien, de l'habitat et des aspects socio-économiques de la région de Tchabal Mbabo (Cameroun) » (2004) Rapport. the Jane Goodall Institute/BirdLife International.
- Occupation spatiale et aspects socio-économiques du Sanctuaire à gorilles de Mengamé ». (2004). Rapport technique N°5, the Jane Goodall Institute, Cameroun, 77P.
- Dynamique de la faune du Sanctuaire à Gorilles de Mengamé, province du sud, Cameroun : Densité Relative (IKA), Distribution, Pressions et Conservation. Rapport technique N°6 du Projet Sanctuaire à Gorilles de Mengamé, MINEF-Jane Goodall Institute, Cameroun, 70 P.
- Plus de nombreuses autres études dont le caractère confidentiel nous obligent à ne pas divulguer l'existence sans l'autorisation des commanditaires.



### **Maîtrise informatique**

Maîtrise de la pratique du SIG notamment les logiciels Arcview (Image analysis, Spatial analyst etc.) et Mapinfo.  
Maîtrise de Distance sampling 3.5 et 4 (Estimateur des densités de faune par transect linéaire et des indices kilométriques d'abondance par recce voyage)  
Bonne maîtrise d'Excel, Access, Word, SPSS etc)  
Bonne maîtrise du GPS.

## Le Secrétaire Général

## CURRICULUM VITAE

**ZE, Hermann Magloire**

**46 ans**

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**Yaounde Cameroun**

### **COMPTABLE BONNE CONNAISSANCE DE L'OUTIL INFORMATIQUE**

#### **ETUDES:**

- 1999:** Brevet Professionnel de comptabilité Série II  
**1990/1991:** Brevet de technicien Supérieur en comptabilité et gestion des entreprises (1ere année)  
**1989:** Terminale G2 (comptabilité et gestion des entreprises)

#### **FORMATIONS:**

- 2001:** Agent de crédit (ACEP CAMEROUN)  
**2000:** Audit comptable (ACEP CAMEROUN)  
**1998:** Informatique (option bureautique comptable CFTI Yaoundé)

#### **EXPERIENCE PROFESSIONNELLE:**

- 2009:**
- Installation et paramétrage du logiciel SAGE SAARI, conception et paramétrage du plan comptable et des budgets pour le compte de l'ONG O.P.F.C.R à Sangmelima Cameroun.
  - Inventaires pour le compte de l'ONG ASSEJA aux antennes du Sud à Ebolowa et de l'Est à Bertoua au Cameroun.
- 2007/2009:** Comptable de l'ONG ASSEJA BP: 5988 Yaoundé Cameroun.
- comptabilité générale; analytique et budgétaire;
  - élaboration, contrôle et suivi des budgets.
  - rédaction des rapports financiers dans le cadre des projets suivants:  
Projet CARE/Fonds Mondial (code AO3GP Y 001).  
Projet ARJO sur financement PPLM.  
Programme ICOGESPUR (financement CORDAID).  
Programme National de Soutien aux Orphelins et Enfants Vulnérables (PNS OEV) Sud Cameroun.  
Projet REVE NORD (Maroua Cameroun).
- 2000/2006:**
- Rédaction du manuel de procédure de FORUM VERT.
  - Comptable Free lance pour le compte des Pharmacies : Du Bercaïl (Ebolowa), Thériaque et Du Verset (Yaoundé).
  - Audit pour le compte de la Cellule de mise en œuvre de la Stratégie de Réduction de la Pauvreté (C.S.R.P) sur financement du Fonds Européen de Développement.
- 1991/1993:** Comptable à Sécurité Agency (Douala Cameroun).

#### **DOMAINES DE COMPETENCE:**

- Administration Générale: Programmer des activités et suivre leur réalisation, définir et coordonner les politiques financières et comptables, organiser et diriger des séances de rapports d'activité, rédiger des rapports d'activité.
- Comptabilité Générale: Classement et traitement des documents comptables, inventaires, travaux de fin d'exercice, élaboration des déclarations fiscales et sociales, gestion des stocks et fournitures de matériel, gestion des relations avec les banques et les assurances; tenue de la caisse..
- Comptabilité analytique et budgétaire: Elaboration, contrôle et suivi des budgets, rédaction des rapports financiers périodiques
- Informatique: Utilisation des logiciels de comptabilité SAGE SAARI et CIEL, des outils de Microsoft office (Word, Excel, Power Point), et Internet.

#### **LANGUES:**

- Français: bien lu; écrit et parlé
- Anglais: bien lu et écrit, dialogue moyen.

#### **AUTRES CENTRES D'INTERET:**

agriculture, foresterie, génie civil, sport, permis de conduire catégorie B.

#### **PERSONNALITES DE REFERENCE:**

- ZINGUI MESSOMO Xavier (ONG ASSEJA Tel: 77 78 04 11)
- MINLA MFOU OU Jeannot (CANADEL Tel 77 75 66 04)
- ATANGANA Hubert (Union Européenne Tel: 99 83 88 99)