

INTERNATIONAL TROPICAL TIMBER ORGANIZATION

ITTO

PROJECT DOCUMENT

TITLE:	DEVELOPMENT OF INTRA-AFRICAN TRADE AND FURTHER PROCESSING IN TROPICAL TIMBER AND TIMBER PRODUCTS – PHASE I
SERIAL NUMBER:	PD 700/13 Rev.2 (I)
COMMITTEE:	FOREST INDUSTRY
SUBMITTED BY:	ITTO
ORIGINAL LANGUAGE:	ENGLISH

SUMMARY:

The project is aimed at removing the main identified constraints in the expansion of further processing of tropical timber into value added products and trade development, particularly through intra-African trade through nine areas of action: facilitation of trade; elaboration and implementation of national strategies for industrial and trade development; business development in pilot enterprises; improvement of market transparency; trade promotion measures; training; strengthening of national industry and trade associations; innovative financing; and technology transfer. Implementation involves effective engagement of stakeholders and close cooperation with the identified international, regional and national partners in the private and public sectors. The activities are implemented in a logical sequence divided between two three-year phases to ensure mainstreaming and sustainability of impacts. Phase I is divided into two stages of which the first one focuses on three pilot countries and strengthening of capacities in industry and trade development.

IMPLEMENTING AGENCIES: INTERNATIONAL TROPICAL TIMBER ORGANIZATION (ITTO)

DURATION: 36 Months
Phase I Stage 1: 12 months
Phase I Stage 2: 24 months

BUDGET AND PROPOSED SOURCES OF FINANCING:	SOURCE	CONTRIBUTION IN US\$
Phase I Stage 1	ITTO	1,399,989
Phase I Stage 2	ITTO	3,759,256
	Participating Governments	297,000
	Private Sector	818,300
	TOTAL	6,274,545

INTRODUCTION

In 2013 the ITTC approved the project PD 700/13(I) Rev1. DEVELOPMENT OF INTRA-AFRICAN TRADE AND FURTHER PROCESSING IN TROPICAL TIMBER AND TIMBER PRODUCTS – PHASE I for financing (Annex 1). The project budget was US\$ 6,274,545 but funding could not be raised to start implementation.

In December 2014 the Government of Japan indicated their interest in financing a first stage of the project with a duration of one year and requested ITTO to prepare a respective funding proposal.

After a review of recent developments in the region, Stage 1 was designed which is targeted at implementing those activities that can be implemented during the initial one-year period building a basis for a subsequent Stage 2 to implement the remaining other activities. Planning has been done in such a way that Stage 1 that can be successfully implemented independently from financing of Stage 2.

Stage 1 described in this document contains selected key activities to initiate the process of industry and trade development in the region, focusing on three pilot countries. The activities cover (i) trade facilitation through improved information on trade barriers and measures how to reduce them, (ii) elaboration of national strategy for development of further processing, (iii) improvement of market transparency including the regional markets, cross-border trade and domestic supply by the informal sector, (iv) technical training in further processing, and trade development, and (v) strengthening on national industry/trade associations for advocacy and providing adequate services to their members.

In addition to regional level efforts, Stage 1 focuses on three pilot countries which include Côte d'Ivoire, Cameroon and another country in the Congo Basin. At the end of Stage 1 a regional workshop is organized to share lessons learned in all the five intervention areas specifically targeted at the private sector.

The budget of Stage one is US\$ **1,399,989,00**.

The annexes of this document include the following elements of the proposal for Stage 1:

- Annex 1. List of the outputs and activities of the original project document and those activities that are included in Stage 1
- Annex 2. Work plan of Stage 1
- Annex 3. Budget of Stage 1
- Annex 4. Terms of Reference for personnel and consultants during Stage 1
- Annex 5. Terms-of-Reference for baseline studies on domestic markets, cross-border trade and the role of the informal sector in three pilot countries
- Annex 6. The original project document PD 700/13 Rev.1 (I)
- Annex 7. Presentation of the Centre for International Forestry Research (CIFOR)

ANNEX 1. OUTPUTS AND ACTIVITIES OF PHASE I - ALL STAGES (PD 700/13(I) REV. (1) AND STAGE 1

Outputs/ Activities	PHASE I – Stage 1 and 2	PHASE I Stage 1	Notes
Output 1	<i>Process to facilitate trade is in place and facilitated arrangements in operation for TTP exports in the region on a pilot basis have been made</i>	<i>Process to facilitate trade is in place and facilitated arrangements in operation for TTP exports in the region</i>	During Stage 1 the process to facilitate trade is started for TTP exports within the region on a pilot basis.
A1.1	Study on costs and benefits of tariff and non-tariff barriers of trade in selected ITTO member countries	A1.1.1 Study on the costs and benefits of tariff and non-tariff barriers in selected countries is produced and disseminated A1.1.2 Establishment of a web-based data base on tariff barriers for TTPs for easy access by private sector enterprises	Companies will have limited use of a one-time study as they would have to have access to tariffs upon their needs. A data base is therefore established which can be later expanded geographically and updated periodically with limited costs.
A1.2	Two high-level workshops on intra-regional trade in target markets to develop proposals for facilitated trade procedures	A1.2 A regional workshop on intra-regional trade in target markets to develop proposals for facilitated trade procedures	This activity to be carried out during Stage 2 of the Project
A1.3	Advisory services to follow up implementation of proposals		This activity to be carried out during Stage 2 of the Project
Output 2	<i>National strategies for development of further processing and TTP exports in pilot countries have been implemented</i>	<i>National strategies for development of further processing and TTP exports in pilot countries have been implemented</i>	During Stage 1 national strategy is developed at least in one pilot country in West Africa (Côte d'Ivoire)
A2.1	Stakeholder workshops on potentials and constraints of industry and trade development	A2.1 A stakeholder workshop on potentials and constraints of industry and trade development	To be implemented in the pilot country and to be participated by up to 40 stakeholders
A2.2	Analytical work to support elaboration of draft national strategies	A2.2 Analytical work to support elaboration of draft national strategies	To be implemented in the pilot country
A2.3	Validation workshops of the strategic conclusions and recommendations	A2.3 Validation workshop of the strategic conclusions and recommendations	To be implemented in the pilot country and to be participated by up to 40 stakeholders
A2.4	Advisory service to implementation of policy proposals (including regulations, enforcement, incentives, public procurement policies, etc.)	A2.4 Advisory service to implementation of policy proposals (including regulations, enforcement, incentives, public procurement policies, etc.)	To be implemented by the Project Manager in the pilot country
A2.5	Advisory service to strategic priority actions (integration of the informal sector, development of local clusters, etc.)		This activity to be carried out during Stage 2 of the Project

Outputs/ Activities	PHASE I – Stage 1 and 2	PHASE I Stage 1	Notes
A2.6	Thematic workshops for mobilizing stakeholder participation in strategy implementation		This activity to be carried out during Stage 2 of the Project
A2.7	Technical assistance to monitoring and evaluation of strategy implementation		This activity to be carried out during Stage 2 of the Project
A.2.8	Regional workshop to exchange experience	A2.8 Regional workshop to exchange experience on industry and trade development	The purpose is to share experience of all the Stage 1 activities in the three pilot countries (see Output 4) and in the region as a whole to encourage stakeholders in other countries to embark on similar efforts and share lessons learned. A minimum of 80 participants from the public and private sectors as well as other stakeholder groups will directly benefit from the activity.
Output 3	<i>Business development in pilot enterprises has been undertaken</i>	<i>Business development in pilot enterprises has been undertaken</i>	
A3.1	Pre-selection of pilot candidates and enterprise level consultations on participation		This activity to be carried out during Stage 2 of the Project
A3.2	Technical and business diagnosis of pilot enterprise operations		This activity to be carried out during Stage 2 of the Project
A3.3	Elaboration of business development plans for pilot enterprises		This activity to be carried out during Stage 2 of the Project
A3.4	Advisory services to implementation of business plans		This activity to be carried out during Stage 2 of the Project
A3.5	In-house training of technical and management staff	A3.5	This activity to be carried out during Stage 2 of the Project.
A3.6	National workshops to share experiences		This activity to be carried out during Stage 2 of the Project

Outputs/ Activities	PHASE I – Stage 1 and 2	PHASE I Stage 1	Notes
Output 4	Measures to improve market transparency have been undertaken	Measures to improve market transparency have been undertaken	
A4.1	Studies on selected target markets (3 export and 3 domestic)	<p>A4.1.1 Baseline study on domestic markets, cross-border trade and the role of the informal sector on one West African country (Côte d'Ivoire)</p> <p>A4.1.2 Two baseline studies on two pilot countries in the Congo Basin (Cameroon and DRC/Republic of Congo)</p>	<p>These are baseline studies on three pilot countries to serve private enterprises in planning of marketing and raw material procurement, and to produce policy recommendations for integration of the informal sector. The studies benefit government agencies, the private sector and operators in the informal sector in their efforts to develop tropical timber trade and industry based on legal and sustainable sources of supply.</p> <p>The baseline studies are carried out by Centre for International Forest Research (CIFOR) which has done similar work in the Congo Basin.</p>
A4.2	Establishment of quarterly/monthly market news service on developments in the markets for African timber and timber products	A4.2 Establishment of a pilot phase quarterly/monthly market news service on developments in the markets for African timber and timber products	This bi-lingual activity includes dissemination of market news and other relevant information to the private sector enterprises, government agencies and other stakeholders (up to 500 beneficiaries) through posting on a webpage.
A4.3	Advisory service and training to improve data on production, trade and consumption		This activity to be carried out during Stage 2
A4.4	Establishment of web-based data base on African producers of tropical timber and timber producers and their products	A4.4 Establishment of web-based data base on African producers of tropical timber and timber producers and their products	The activity facilitates trade promotion by providing access to information on potential sources of supply in the region benefiting participating supplier companies (estimated at 100 in the first stage) and potential buyers in the regional and international export markets.
A4.5	Other dissemination activities of market information	A4.5 Other dissemination activities of market information	This activity will be combined with Activity 2.8 in Stage 1 and is followed un in Stage 2.

Outputs/ Activities	PHASE I – Stage 1 and 2	PHASE I Stage 1	Notes
Output 5	Trade promotion measures have been undertaken	Trade promotion measures have been undertaken	The activities under this output to be carried out during Stage 2 and can be linked with activities carried out under Outputs 3 and 4.
A5.1	Trade promotion materials produced and disseminated through internet and targeted mailing		This activity to be carried out during Stage 2
A5.2	Trade missions organized to target markets incl. participation in trade fairs for companies with validated export capacity		This activity to be carried out during Stage 2
A5.3	Regional trade fair organized in cooperation with RACEWOOD/ATIBT		RACEWOOD/ATIBT trade fair in the region is not planned for the time being.
A5.4	National trade promotion events		This activity to be carried out during Stage 2
Output 6	Four hundred trained persons are using the acquired skills in further processing and trade development	250 trained persons are using the acquired skills in further processing and trade development	At least 250 persons are trained during Stage 1.
A6.1	Compilation of available training materials on further processing and posting on the web (natural forest timbers and plantation timbers)	A6.1 Compilation of available training materials on further processing and posting on the web (natural forest timbers and plantation timbers)	Carried out by training consultant
A6.2	Regional level training courses of trainers and service providers (2 courses)	A6.2 Technical training in minimum 10 enterprises on improved practices in timber processing for at least 250 workers and staff benefiting from the activity	A new successful technical training concept has been developed by ITTO and is applied in minimum 10 enterprises . The number of people trained vary by enterprise from 10 to 50 participants (average 25) staff of each pilot enterprise are trained. Training events are also participated by future trainers to be used in Stage 2 as trainers when the activity is expanded to regional level .
A6.3	Specialized thematic training courses organized in pilot countries		This activity to be carried out during Stage 2.
A6.4	Integration of training on timber processing in the curricula of forest/technical colleges	A6.4 Initiation of integration of training on timber processing in the curricula of forest/technical colleges	The process of integration is started through consultations with relevant institutions in the region. Project Manager and training consultant carry out this activity.
A6.5	Ten post-graduate scholarships on wood technology and industry management implemented		This activity to be carried out during Stage 2 as post-graduate scholarships need to be provided for more than a year.

Outputs/ Activities	PHASE I – Stage 1 and 2	PHASE I Stage 1	Notes
Output 7	<i>National industry/trade associations are capable for advocacy and providing adequate services to members</i>	<i>National industry/trade associations are capable for advocacy and providing adequate services to members</i>	At least two national associations are supported by the Project during Stage 1. Associations in other countries are supported during Stage 2.
A7.1	Needs assessment, consultations and workshops of development needs in existing associations and selection of pilots for support	A7.1 Needs assessment, consultations and workshops of development needs in existing associations and selection of pilots for support	Project Manager carries out.
A7.2	Delivery of support packages	A7.2 Delivery of support packages to pilot associations	Project Manager carries out.
A7.3	Technical assistance to development of association services to members and advocacy (coaching)	A7.3 Technical assistance to development of association services to members and advocacy (coaching)	Project Manager carries out.
Output 8	<i>Innovative financing mechanisms have been developed and investment promotion events have been organized</i>	<i>Innovative financing mechanisms have been developed and investment promotion events have been organized</i>	
A8.1	Review of the existing financing mechanisms for timber industry in the region and elsewhere and identification of suitable models for African producers		This activity to be carried out during Stage 2.
A8.2	Regional workshop with the private sector, financing institutions and governments on industry financing mechanisms		This activity to be carried out during Stage 2.
A8.3	Organization of thematic/national investment forums in pilot countries (e.g. plantations)		This activity to be carried out during Stage 2.

Outputs/ Activities	PHASE I – Stage 1 and 2	PHASE I Stage 1	Notes
Output 9	<i>Technology transfer in specific priority areas has taken place</i>		
A9.1	Organization of a regional bioenergy conference		This activity to be carried out during Stage 2.
A9.2	Organization of a regional workshop on utilization of plantation species		This activity to be carried out during Stage 2.
A9.3	Laboratory tests of lesser-used species		This activity to be carried out during Stage 2.
A9.4	Implementation of R&D projects		This activity to be carried out during Stage 2.
	Cross-cutting activities		
A9.5	Project coordination and management (3 years)	A9.5 Project coordination and management (1 year)	Project Manager, Project Assistant and National Coordinator(s) carry out this activity

ANNEX 2. WORK PLAN FOR STAGE 1

Outputs and Activities	Responsible party	Year 1			
		Quarter			
		1	2	3	4
A1.1.1 Study on the costs and benefits of tariff and non-tariff barriers in selected countries is produced and disseminated	Consultant				
A1.1.2 Establishment of a web-based data base on tariff barriers for TTPs for easy access by private sector enterprises	Subcontract				
A2.1 A stakeholder workshop on potentials and constraints of industry and trade development in one pilot country	National Coordinator (NC)/PM				
A2.2 Analytical work to support elaboration of draft national strategy	Consultants				
A2.3 Validation workshop of the strategic conclusions and recommendations	NC/PM				
A2.8 Regional workshop to exchange experience on industrial and trade development to share lessons learned	PM				
A4.1.1 Baseline study on domestic markets, cross-border trade and the role of the informal sector on one pilot country in West Africa	Subcontract (CIFOR)				
A4.1.2 Baseline studies on two pilot countries in Congo Basin	Subcontract (CIFOR)				
A4.2 Establishment of a pilot phase quarterly/monthly market news service on developments in the markets for African timber and timber products	Subcontract				
A4.4 Establishment of web-based data base on African producers of tropical timber and timber producers and their products	Subcontract				
A6.1 Compilation of available training materials on further processing and posting on the web (natural forest timbers and plantation timbers)	Consultant				
A6.2 Technical training in minimum 10 enterprises on improved practices in timber processing for at least 250 workers and staff benefiting from the activity	Consultant				
A6.4 Initiation of integration of training on timber processing in the curricula of forest/technical colleges	PM, Consultant, training institutions				
A7.1. Needs assessment, consultations and workshops of development needs in existing associations and selection of pilots for support	PM & industry association				
A7.2. Delivery of support packages to pilot associations	PM & industry association				
A7.3. Technical assistance to development of association services to members and advocacy (coaching)	PM				
A9.5 Project coordination and management, cross-cutting activities	PM/Project Assistant				

ANNEX 3. BUDGET FOR STAGE 1

	BUDGET COMPONENTS								
OUTPUTS / ACTIVITIES +	10.	20.	30.	40.	50.	60.	Year	GRAND	
Non-Activity Based Expenses	Project Personnel	Sub-Contracts	Duty Travel	Capital Items	Consumable Items	Miscellaneous		TOTAL	
Output 1: Process to facilitate trade has been started for TTP exports within the region on a pilot basis									
Activity 1.1.1: Study on the costs and benefits of tariff and non-tariff barriers in selected countries is produced and disseminated	-	30,000.00	-	-	-	-	Y1	30,000.00	
Activity 1.1.2: Establishment of web-based data base on tariff barriers for TTPs for easy access by private sector enterprises	-	20,000.00	-	-	-	-	Y1	20,000.00	
Subtotal 1	-	50,000.00	-	-	-	-		50,000.00	

	BUDGET COMPONENTS								
OUTPUTS / ACTIVITIES +	10.	20.	30.	40.	50.	60.	Year	GRAND	
Non-Activity Based Expenses	Project Personnel	Sub-Contracts	Duty Travel	Capital Items	Consumable Items	Miscellaneous		TOTAL	
Output 2: National strategy for development of further processing and TTP exports in a pilot country has been prepared									
Activity 2.1: A stakeholder workshop on potentials and constraints of industry and trade development	-	-	-	-	-	6,000.00	I Y1	6,000.00	
Activity 2.2: Analytical work to support elaboration of draft national strategies	36,000.00	I -	7,600.00	I -	-	-	Y1	43,600.00	
Activity 2.3: Validation workshop of the strategic conclusions and recommendations	-	-	-	-	-	6,000.00	I Y1	6,000.00	
Activity 2.4: Advisory service to implementation of policy proposals	-	-	-	-	-	-		-	
Activity 2.8: Regional workshop to exchange experience on industrial and trade development	-	-	-	-	-	100,000.00	I Y1	100,000.00	
Subtotal 2	36,000.00	I -	7,600.00	I -	-	112,000.00	I	155,600.00	

	BUDGET COMPONENTS								
OUTPUTS / ACTIVITIES +	10.	20.	30.	40.	50.	60.	Year	GRAND	
Non-Activity Based Expenses	Project Personnel	Sub-Contracts	Duty Travel	Capital Items	Consumable Items	Miscellaneous		TOTAL	
Output 4: Measures to improve market transparency have been undertaken									
Activity 4.1.1: Baseline study on domestic markets, cross-border trade and the role of the informal sector on one pilot country in West Africa (Côte d'Ivoire)	-	200,000.00	I	-	-	-	Y1	200,000.00	
Activity 4.1.2: Baseline studies on two pilot countries in Congo Basin	-	280,000.00	I	-	-	-	Y1	280,000.00	
Activity 4.2: Establishment of a pilot phase quarterly/monthly market news service on developments in the markets for African timber and timber products	-	30,000.00	I	-	-	-	Y1	30,000.00	
Activity 4.4: Establishment of web-based data base on African producers of tropical timber and timber producers and their products	-	10,000.00	I	-	-	-	Y1	10,000.00	
Subtotal 4	-	520,000.00	I	-	-	-		520,000.00	

	BUDGET COMPONENTS							Year	GRAND	
OUTPUTS / ACTIVITIES +	10.	20.	30.	40.	50.	60.		Year	GRAND	
Non-Activity Based Expenses	Project Personnel	Sub-Contracts	Duty Travel	Capital Items	Consumable Items	Miscellaneous			TOTAL	
Output 6: 250 trained persons are using the acquired skills in further processing and trade development										
Activity 6.1: Compilation of available training materials on further processing and posting on the web (natural forest timbers and plantation timbers)	6,000.00	I	-	-	-	-	-	Y1	6,000.00	
Activity 6.2: Technical training in minimum 10 enterprises on improved practices in timber processing for at least 250 workers and staff	18,000.00	I	-	23,000.00	I	-	-	Y1	41,000.00	
Activity 6.4: Initiation of integration of training on timber processing in the curricula of forest/technical colleges	-		-	-	-	-	-		-	
Subtotal 6	24,000.00	I	-	23,000.00	I	-	-		47,000.00	
Output 7: National industry/trade associations are capable for advocacy and providing adequate services to members										
Activity 7.1: Needs assessment, consultations and workshops of development needs in existing associations and selection of pilots for support	-		-	-	-	-	2,400.00	I	Y1	2,400.00
Activity 7.2: Delivery of support packages to pilot associations	-		8,000.00	I	-	-	-		Y1	8,000.00
Activity 7.3: Technical assistance to development of association services to members and advocacy (coaching)	-		-	-	-	-	-			-
Subtotal 7	-		8,000.00	I	-	-	2,400.00	I		10,400.00

	BUDGET COMPONENTS							Year	GRAND				
OUTPUTS / ACTIVITIES + Non-Activity Based Expenses	10. Project Personnel	20. Sub- Contracts	30. Duty Travel	40. Capital Items	50. Consumable Items	60. Miscella- neous		TOTAL					
Output 9: Technology transfer and cross-cutting activities													
Activity 9.5: Project coordination	192,000.00	I	-	28,000.00	I	61,000.00	I	12,000.00	I	20,000.00	I	Y1	313,000.00
Subtotal 9	192,000.00	I	-	28,000.00	I	61,000.00	I	12,000.00	I	20,000.00	I		313,000.00
Output 10: Project has been monitored and evaluated by ITTO													
Activity 10.1: Contingencies (10% on Output 1-9 above)	-		-	-		-		-		109,600.00	I	Y1	109,600.00
Activity 10.2: ITTO monitoring and review	-		-	-		-		-		-			-
Activity 10.3: ITTO mid-term, ex-post evaluation	-		-	-		-		-		-			-
Activity 10.4: ITTO progr. support costs (15% on all outputs)	-		-	-		-		-		-			-
Subtotal 10	-		-	-		-		-		109,600.00	I		109,600.00
Subtotal (ITTO)	252,000.00		578,000.00	58,600.00		61,000.00		12,000.00		244,000.00			1,205,600.00
Subtotal (E. Agency)	-		-	-		-		-		-			-
Subtotal (Others)	-		-	-		-		-		-			-
TOTAL	252,000.00		578,000.00	58,600.00		61,000.00		12,000.00		244,000.00			1,205,600.00

(I) - Contribution of the ITTO

(E) - Contribution of the Executing Agency / Host Government

(O) - Contribution from Other Sources

Master Budget Table By Activity (in U.S. Dollars)

Outputs and Activities	Inputs		Unit Costs	Source (I or E)	Year	Budget Component	TOTAL
	Units and Quality	No.					
Output 1: Process to facilitate trade has been started for TTP exports within the region on a pilot basis							
Activity 1.1.1: Study on the costs and benefits of tariff and non-tariff barriers in selected countries is produced and disseminated	Trade barrier studies, lump sum	2	15000	(I)	Y1	22	\$ 30,000.00
Activity 1.1.2: Establishment of web-based data base on tariff barriers for TTPs for easy access by private sector enterprises	Tariff database, lumpsum	1	20000	(I)	Y1	22	\$ 20,000.00
Subtotal Output 1							\$ 50,000.00

Outputs and Activities	Inputs		Unit Costs	Source (I or E)	Year	Budget Component	TOTAL
	Units and Quality	No.					
Output 2: National strategy for development of further processing and TTP exports in a pilot country has been prepared							
Activity 2.1: A stakeholder workshop on potentials and constraints of industry and trade development	Stakeholder workshop, lump sum	1	6000	(I)	Y1	61	\$ 6,000.00
Activity 2.2: Analytical work to support elaboration of draft national strategies	Drafting strategy, person-month, nat.	8	3000	(I)	Y1	13.1	\$ 24,000.00
	Drafting strategy, person-month	1	12000	(I)	Y1	14.2	\$ 12,000.00
	DSA, int., day	10	200	(I)	Y1	31.2	\$ 2,000.00
	Air ticket	2	2800	(I)	Y1	32.2	\$ 5,600.00
Activity 2.3: Validation workshop of the strategic conclusions and recommendations	Validation workshop, lump sum	1	6000	(I)	Y1	61	\$ 6,000.00
Activity 2.4: Advisory service to implementation of policy proposals	PM carries out						\$ -
Activity 2.8: Regional workshop to exchange experience on industrial and trade development	Regional workshop, lump sum	1	100000	(I)	Y1	61	\$ 100,000.00
Subtotal Output 2							\$ 155,600.00

Outputs and Activities	Inputs		Unit Costs	Source (I or E)	Year	Budget Component	TOTAL
	Units and Quality	No.					
Output 4: Measures to improve market transparency have been undertaken							
Activity 4.1.1: Baseline study on domestic markets, cross-border trade and the role of the informal sector on one pilot country in West Africa (Côte d'Ivoire)	Subcontract (CIFOR), lump sum	1	200000	(I)	Y1	21	\$ 200,000.00
Activity 4.1.2: Baseline studies on two pilot countries in Congo Basin	Consultants, lump sum	2	140000	(I)	Y1	21	\$ 280,000.00
Activity 4.2: Establishment of a pilot phase quarterly/monthly market news service on developments in the markets for African timber and timber products	Market news service, lump sum	1	30000	(I)	Y1	22	\$ 30,000.00
Activity 4.3: Establishment of web-based data base on African producers of tropical timber and timber producers and their products	Web-based DB., lump sum	1	10000	(I)	Y1	22	\$ 10,000.00
Subtotal Output 4							\$ 520,000.00

Outputs and Activities	Inputs		Unit Costs	Source (I or E)	Year	Budget Component	TOTAL
	Units and Quality	No.					
Output 6: 250 trained persons are using the acquired skills in further processing and trade development							
Activity 6.1: Compilation of available training materials on further processing and posting on the web (natural forest timbers and plantation timbers)	Training consultant, man-month	0.5	12000	(I)	Y1	15.1	\$ 6,000.00
Activity 6.2: Technical training in minimum 10 enterprises on improved practices in timber processing for at least 250 workers and staff	Int'l consultant, person-month	1.2	12000	(I)	Y1	15.1	\$ 15,000.00
	Translation, lump sum	1	3000	(I)	Y1	13.1	\$ 3,000.00
	DSA, int., day	20	250	(I)	Y1	31.2	\$ 5,000.00
	Air ticket	1	10000	(I)	Y1	32.2	\$ 10,000.00
	Local transport	1	5000	(I)	Y1	32.2	\$ 5,000.00
	Trainer trainee DSA	30	100	(I)	Y1	31.2	\$ 3,000.00
Activity 6.4: Initiation of integration of training on timber processing in the curricula of forest/technical colleges	PM and training consultant carry out						\$ -
Subtotal Output 6							\$ 47,000.00

Outputs and Activities	Inputs		Unit Costs	Source (I or E)	Year	Budget Component	TOTAL
	Units and Quality	No.					
Output 7: National industry/trade associations are capable of advocacy and providing adequate services to members							
Activity 7.1: Needs assessment, consultations and workshops of development needs in existing associations and selection of pilots for support	PM carries out						\$ -
	Inception workshop (2 pilot associations), lump sum	2	1200	(I)	Y1	61	\$ 2,400.00
Activity 7.2: Delivery of support packages to pilot associations	Subcontract, lump sum	2	4000	(I)	Y1	22	\$ 8,000.00
Activity 7.3: Technical assistance to development of association services to members and advocacy (coaching)	PM carries out						\$ -
Subtotal Output 7							\$ 10,400.00

Outputs and Activities	Inputs		Unit Costs	Source (I or E)	Year	Budget Component	TOTAL
	Units and Quality	No.					
Output 9: Technology transfer and cross-cutting activities							
Activity 9.5: Project coordination	Project Manager (int. Consultant, salary, renting and benefits, per month)	12	10000	(I)	Y1	11.1	\$ 120,000.00
	DSA, lump sum	1	9000	(I)	Y1	31.2	\$ 9,000.00
	Air ticket, lump sum	1	12000	(I)	Y1	32.2	\$ 12,000.00
	Local transport costs, lump sum	1	3000	(I)	Y1	33.2	\$ 3,000.00
	Project Assistant (Nat. Consultant, salary and benefits, per month)	12	3500	(I)	Y1	12.1	\$ 42,000.00
	DSA, lump sum	1	2000	(I)	Y1	31.1	\$ 2,000.00
	Air ticket, lump sum	1	1000	(I)	Y1	32.1	\$ 1,000.00
	Local transp. costs, lump sum	1	1000	(I)	Y1	33.1	\$ 1,000.00
	Office rent (lump sum)	1	50000	(I)	Y1	41	\$ 50,000.00
	Office supplies and communication (lump sum)	1	12000	(I)	Y1	54	\$ 12,000.00
	Office equipment, lump sum	1	8000	(I)	Y1	44.1	\$ 8,000.00
	Other capital equip.	1	3000	(I)	Y1	44.3	\$ 3,000.00
	National Coordinator (mgt cost, lump sum)	3	10000	(I)	Y1	11.4	\$ 30,000.00
	Documents/Reports/Publications Translation	1	20000	(I)	Y1	61	\$ 20,000.00
Subtotal Output 9							\$ 313,000.00
Subtotal (Output 1 to 9)							\$ 1,096,000.00

Outputs and Activities	Inputs		Unit Costs	Source (I or E)	Year	Budget Component	TOTAL
	Units and Quality	No.					
Output 10: Project has been monitored and evaluated by ITTO							
Contingencies (10% on Output 1-9 above)		1	109600				\$ 109,600.00
ITTO monitoring and review	Monitoring and review, lump sum	2	11664				\$ 23,328.00
ITTO mid-term, ex-post evaluation	Evaluation, lump sum	1	10000				\$ 10,000.00
ITTO Programme Support Costs (15% on all outputs)		1	161061				\$ 161,061.00
Subtotal Output 10							\$ 303,989.00
Grand Total							\$ 1,3999,989.00

CONSOLIDATED YEARLY PROJECT BUDGET

(FEATURING INPUT AND UNIT COSTS)

Budget Components		Input	Unit Costs	TOTAL	YEAR 1
10	Project Personnel				
	11. National Experts (Long term)	0.0	\$ -	\$ -	\$ -
	11.1. Project Coordinator	12.0	\$ 10,000.00	\$ 120,000.00	\$ 120,000.00
	11.2. Forester 1	0.0	\$ -	\$ -	\$ -
	11.3. Forester 2, etc.	0.0	\$ -	\$ -	\$ -
	11.4. Administrator	3.0	\$ 10,000.00	\$ 30,000.00	\$ 30,000.00
	12. Other Personnel	0.0	\$ -	\$ -	\$ -
	12.1. Assistant 1	12.0	\$ 3,500.00	\$ 42,000.00	\$ 42,000.00
	12.2. Assistant 2	0.0	\$ -	\$ -	\$ -
	12.3. Other labour	0.0	\$ -	\$ -	\$ -
	13. National Consultants (Short term)	0.0	\$ -	\$ -	\$ -
	13.1. Consultant Forest Technology	9.0	\$ 3,000.00	\$ 27,000.00	\$ 27,000.00
	13.2. Consultant 2	0.0	\$ -	\$ -	\$ -
	13.3. Consultant 3	0.0	\$ -	\$ -	\$ -
	14. International Consultants	0.0	\$ -	\$ -	\$ -
	14.1. RIL Training Expert	0.0	\$ -	\$ -	\$ -
	14.2. Consultant 2	1.0	\$ 12,000.00	\$ 12,000.00	\$ 12,000.00
	15. Fellowships and Training	0.0	\$ -	\$ -	\$ -
	15.1. Training 1 (specify beneficiaries)	1.75	\$ 12,000.00	\$ 21,000.00	\$ 21,000.00
	15.2. Training 2	0.0	\$ -	\$ -	\$ -
	15.3. Training 3	0.0	\$ -	\$ -	\$ -
	19. Component Total	35.75	\$ 50,500.00	\$ 252,000.00	\$ 252,000.00
20	Sub-contracts				
	21. Sub-contract (Topic e.g. Mapping, etc.)	1.0	\$200,000.00	\$ 480,000.00	\$ 480,000.00
	22. Sub-contract (Topic 2)	1.0	\$ 98,000.00	\$ 98,000.00	\$ 98,000.00
	29. Component Total	2.0	\$298,000.00	\$ 578,000.00	\$ 578,000.00
30	Travel				
	31. Daily Subsistence Allowance	0.0	\$ -	\$ -	\$ -
	31.1. National Experts/Consultants	1.0	\$ 2,000.00	\$ 2,000.00	\$ 2,000.00
	31.2. International Consultants	1.0	\$ 19,000.00	\$ 19,000.00	\$ 19,000.00
	31.3. Others	0.0	\$ -	\$ -	\$ -
	32. International Travel	0.0	\$ -	\$ -	\$ -
	32.1. National Experts/Consultants	1.0	\$ 1,000.00	\$ 1,000.00	\$ 1,000.00
	32.2. International Consultants	1.0	\$ 32,600.00	\$ 32,600.00	\$ 32,600.00
	32.3. Others	0.0	\$ -	\$ -	\$ -
	33. Local Transport Costs	0.0	\$ -	\$ -	\$ -
	33.1. National Experts/Consultants	1.0	\$ 1,000.00	\$ 1,000.00	\$ 1,000.00
	33.2. International Consultants	1.0	\$ 3,000.00	\$ 3,000.00	\$ 3,000.00
	33.3. Others	0.0	\$ -	\$ -	\$ -
	39. Component Total	6.0	\$ 58,600.00	\$ 58,600.00	\$ 58,600.00

Budget Components		Input	Unit Costs	TOTAL	YEAR 1
40	Capital Items				
	41. Premises	1.0	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00
	42. Land	0.0	\$ -	\$ -	\$ -
	43. Vehicles	0.0	\$ -	\$ -	\$ -
	44. Capital Equipment	0.0	\$ -	\$ -	\$ -
	44.1. Computer Equipment (specify)	1.0	\$ 8,000.00	\$ 8,000.00	\$ 8,000.00
	44.2. Forestry Equipment (specify)	0.0	\$ -	\$ -	\$ -
	44.3. Others	1.0	\$ 3,000.00	\$ 3,000.00	\$ 3,000.00
	49. Component Total	3.0	\$ 61,000.00	\$ 61,000.00	\$ 61,000.00
50	Consumable Items				
	51. Raw materials	0.0	\$ -	\$ -	\$ -
	52. Spares	0.0	\$ -	\$ -	\$ -
	53. Utilities	0.0	\$ -	\$ -	\$ -
	54. Office Supplies	1.0	\$ 12,000.00	\$ 12,000.00	\$ 12,000.00
	59. Component Total	1.0	\$ 12,000.00	\$ 12,000.00	\$ 12,000.00
60	Miscellaneous				
	61. Sundry	1.0	\$ 134,400.00	\$ 134,400.00	\$ 134,400.00
	62. Auditing	0.0	\$ -	\$ -	\$ -
	63. Contingencies	1.0	\$ 109,600.00	\$ 109,600.00	\$ 109,600.00
	69. Component Total	2.0	\$ 244,000.00	\$ 244,000.00	\$ 244,000.00
70	National Management Costs				
	71. Executing Agency Management Costs			\$ -	
	72. Focal Point Monitoring			\$ -	
	79. Component Total			\$ -	\$ -
	SUBTOTAL			\$ 1,205,600.00	\$ 1,205,600.00
80	Project Monitoring and Administration				
	81. ITTO Monitoring and Review			\$ 23,328.00	\$ 23,328.00
	82. ITTO midterm, final, ex-post Evaluation Costs			\$ 10,000.00	\$ 10,000.00
	83. ITTO Programme Support Costs (13% on items 10 to 82 above)			\$ 161,061.00	\$ 161,061.00
	84. Donor Monitoring Costs			\$ -	
	89. Component Total			\$ 194,389.00	\$ 194,389.00
90	Refund of Pre-Project Costs (Pre-project budget)				
100	GRAND TOTAL			\$ 1,399,989.00	

Yearly Project Budget By Source - ITTO

Annual Disbursements	Total	Year 1
Budget Components		
10. Project personnel	\$ 252,000.00	\$ 252,000.00
20. Sub-contracts	\$ 578,000.00	\$ 578,000.00
30. Duty travel	\$ 58,600.00	\$ 58,600.00
40. Capital items	\$ 61,000.00	\$ 61,000.00
50. Consumable items	\$ 12,000.00	\$ 12,000.00
60. Miscellaneous	\$ 244,000.00	\$ 244,000.00
Subtotal 1	\$1,205,600.00	\$1,205,600.00
80. ITTO Monitor. Evaluation. Costs		
81. Monitoring and Review Costs (effective estimation)	\$ 23,328.00	
82. Evaluation Costs (effective estimation)	\$ 10,000.00	
Subtotal 2	\$ 33,328.00	
83. Program Support Costs (13% of Subtotals 1 and 2)	\$ 161,061.00	
84. Donor Monitoring Costs	\$ -	
90. Refund of Pre-Project Costs	\$ -	
ITTO TOTAL	\$1,399,989.00	

Yearly Project Budget By Source - E. Agency/Host Government

Annual Disbursements	Total	Year 1
Budget Components		
10. Project personnel	\$ -	\$ -
20. Sub-contracts	\$ -	\$ -
30. Duty travel	\$ -	\$ -
40. Capital items	\$ -	\$ -
50. Consumable items	\$ -	\$ -
60. Miscellaneous	\$ -	\$ -
70. Executing Agency Management Costs	\$ -	\$ -
EXECUTING AGENCY/HOST GOVT. TOTAL	\$ -	\$ -

Yearly Project Budget By Source - Others

Annual Disbursements	Total	Year 1
Budget Components		
10. Project personnel	\$ -	\$ -
20. Sub-contracts	\$ -	\$ -
30. Duty travel	\$ -	\$ -
40. Capital items	\$ -	\$ -
50. Consumable items	\$ -	\$ -
60. Miscellaneous	\$ -	\$ -
OTHERS TOTAL	\$ -	\$ -

ANNEX 4. TERMS-OF-REFERENCE FOR PERSONNEL AND CONSULTANTS

Position and qualifications	Man-months and responsibilities
Project Manager	12 months
<ul style="list-style-type: none"> • <i>University degree in wood technology, forestry or natural resources (minimum M.Sc. degree).</i> • <i>A minimum of 7 years of experience in tropical timber industry/trade/forest management and project management.</i> • <i>Practical experience in working in/with private sector organizations</i> • <i>Knowledge of institutional analysis and proven leadership and team work.</i> • <i>Bilingual in English and French preferred, minimum fluent in one and good working knowledge in the other</i> 	<ul style="list-style-type: none"> • Overall responsibility for project implementation. • Day-to-day project administration. • Works closely with project partners and project staff to ensure effective implementation. • Procurement of consultancy and subcontracting services and equipment. • Prepare progress reports and work plans as required by the ITTO and PSC. • Present results to the PSC. • Monitor the progress of project activities and provide advice to project beneficiaries and participants • Coordinate with related initiatives in the region • Participate in training and analytical work in her/his area of specialty (industry and trade development) • Organize workshops and training events
Project Assistant	12 months
<ul style="list-style-type: none"> • <i>University degree</i> • <i>A minimum of 2 years of experience in timber industry/forest organizations.</i> • <i>Experience in travel logistics and meeting arrangements.</i> • <i>Good understanding of institutions.</i> • <i>Proven ability to project administrative tasks.</i> • <i>Fluency in English/French and minimum working knowledge in French/English</i> 	<ul style="list-style-type: none"> • Assist the PM in day-to-day project administration. • Collaborate with consultants and contractors to ensure effective project implementation. • Assist the PM in arranging meetings and workshops. • Overall responsibility for travel and other project logistics. • Gather information on the progress of project activities and report to the PM. • Compile reports and documentation on project accounts
Timber Sector Industrial Planning Specialist (International consultant)	1 month
<ul style="list-style-type: none"> • <i>University degree in forest industry/forest economics</i> • <i>A minimum of 10 years of experience in industrial and sectoral planning</i> • <i>Analytical skills to assess policy options</i> • <i>Experience on national industrial and trade development strategy preparation</i> • <i>Fluency/good working knowledge in English and French</i> 	<ul style="list-style-type: none"> • Develop a process and methodological approach for the elaboration of national industrial and trade development strategies on national level • Facilitate the planning process in consultations with decision makers and stakeholders including in workshops • Provide on-the-job training to the national coordinator of the planning process • Carry out analytical work related to assessment of policy options • Review drafts of working papers and plan documents and assist in their finalization • Advise and facilitate the implementation of the national strategies • Prepare a synthetic final report on lessons learned and recommendations for follow-up action

Position and qualifications	Man-months and responsibilities
Timber Sector Industrial Planning Specialist (National consultant/National Coordinator)	8 months
<ul style="list-style-type: none"> • <i>University degree in forest industry/forest economics</i> • <i>A minimum of 5 years of experience in industrial and sectoral planning</i> • <i>Analytical skills</i> • <i>Experience on national programme preparation in the forestry sector</i> • <i>Good facilitation and writing skills</i> • <i>Fluency in English or French</i> 	<ul style="list-style-type: none"> • Be responsible for the elaboration process of national timber industry and trade development strategy assisted by the International Consultant, including • organize workshops and meetings and acting as the focal point of the planning process • ensure broad participation in the planning process • organize and participate in data collection and analysis • arrange a website for the planning process • prepare plan documentation • prepare progress reports and final report of the plan process and implementation
Market Information Specialist (International consultant/subcontractor)	8 months
<ul style="list-style-type: none"> • <i>University degree in Forest Economics/Marketing, Forest Industry or Business Administration</i> • <i>A minimum of 5 years of experience in timber products market information service</i> • <i>Analytical and writing skills</i> • <i>Knowledge on data sources and networking techniques for data collection</i> • <i>Fluency/good working knowledge in English and French</i> 	<ul style="list-style-type: none"> • Review the operational arrangements of the ITTO Market Information Service (MIS) and distribution and data collection network in Africa • Design and test with users the MIS for Africa product • Identify necessary sources of information and contract persons providing updates on market situation in their countries • In cooperation with national industry associations and their member companies, establish a web-based data base on African producers of TTPs • Establish and update the distribution list of MIS users • Prepare and disseminate the periodical bilingual MIS products • Prepare analytical short reports on the use and users of the MIS for Africa service • Liaise with national industry and trade associations
In-house Enterprise Level Training Specialist (International consultant)	2 months
<ul style="list-style-type: none"> • <i>University or technical college degree in wood technology/ industrial processing</i> • <i>Minimum 7 years of experience in the wood industry enterprises in technical and managerial positions</i> • <i>Practical experience on in-house training of factory staff on vocational and technical levels</i> • <i>Fluency in English or French</i> 	<ul style="list-style-type: none"> • Identify the available training packages and materials on timber industry and marketing with relevance to African enterprises and compile a thematic listing with summary information on the contents and access to these • Implementation of specialist technical and management training in selected enterprises with a national assistant including <ul style="list-style-type: none"> ○ meetings with management ○ review of operations in the log yard, processing, maintenance, products, waste, storage and logistics ○ group training on practical measures to improve efficiency, product quality and productivity ○ preparation of a report on main findings and recommendations to the management

ANNEX 5. TERMS-OF-REFERENCE FOR BASELINE STUDIES ON DOMESTIC MARKETS, CROSS-BORDER TRADE AND THE ROLE OF THE INFORMAL SECTOR IN THREE PILOT COUNTRIES

1. Objectives and scope

The objective is to prepare baseline studies on the domestic market situation, cross-border trade and the role of the informal sector to serve as a basis for (i) policy design for promoting domestic and intra-regional trade of timber and timber products, (ii) improving legal compliance of production and trade, (iii) integrating of the informal timber sector in the formal activities, and (iv) design of future support to production and trade from legal and sustainable sources.

Based on the baseline studies national strategies for trade and industry development can be elaborated in Stage 2 of the Project. The studies will build on and complement the available analytical work already carried out in the region.¹

The studies focus on three pilot countries, one in West Africa and two in the Congo Basin.. Côte d'Ivoire has been identified as the pilot country to be studied in West Africa. Cameroon has been identified as one of the pilot countries in the Congo Basin and for the second one the Democratic Republic of Congo and the Republic of Congo have been identified as options.

2. Activities to be carried out

2.1 West Africa pilot country (Côte d'Ivoire)

The following activities are carried out:

1. Preparation of an inception report with study design and organization of an inception meeting/ workshop
2. Design and testing of surveys for downstream operations (timber markets in urban areas)
3. Design and testing of surveys for upstream operations (timber harvesting, processing sites and chainsaw operators)
4. Data collection in 4-5 cities
5. Data collection in 30 timber harvesting, processing sites and chainsaw operators
6. Data entry, cleaning and analysis
7. Preparation of a draft report
8. Organization of validation workshop
9. Finalization of the report

About 20 data collectors are used in 4-5 cities and trade entry/exit points for collecting data on downstream operations (trader. Each data collector would work 1 day a week for 32 weeks which totals to 640 days. Parallel to this, 6-7 field missions of 10 days are carried out for collection of data on upstream operations (timber harvesting, processing sites and chainsaw operators) 60-70 working days.

2.2 Congo Basin pilot country 1 (Cameroon)

1. Scoping missions for surveys in cross-border posts, recruitment of data collectors, testing of the surveys and launching of the weekly data collection
2. Inception workshop with participants
3. Data collection in cross-border posts and other observation points
4. Data entry, cleaning and analysis
5. Preparation of draft report
6. Organization of validation workshop
7. Finalization of the report

¹ Similar studies have already been carried out by CIFOR in three Congo Basin countries.

2.3 Congo Basin pilot country 2 (Democratic Republic of Congo/Republic of Congo)

1. Scoping mission for surveys in chosen markets and cross-border posts, recruitment of data collectors, testing of the surveys and launching of the weekly data collection (downstream)
2. Surveys in chosen harvesting sites, recruitment of data collectors, testing of the surveys (upstream)
3. Data collectors (downstream + cross-border)
4. Data collection in 2 cities, 10 markets, 50 depots, 2 border posts
5. Data collection (upstream), 5 missions to collect detailed data on harvesting/selling operations
6. Data entry, cleaning and analysis
7. Preparation of draft report
8. Restitution meeting with traders, harvesters, government officials
9. Organization of validation workshop
10. Finalization of the report

3. Time-schedule

The draft reports are completed within 10 months and the final reports are submitted within 12 months.

4. Inputs

The work is carried out through a subcontract to the Centre for International Forest Research (CIFOR).

ANNEX 7 PRESENTATION OF THE CENTER FOR INTERNATIONAL FORESTRY RESEARCH (CIFOR)

1. Objectives and scope of activities

CIFOR is one of the 15 centers of the CGIAR consortium. The CGIAR Consortium is an international organization that, together with the CGIAR Fund, advances international agricultural research for a food secure future by integrating and coordinating the efforts of those who fund research and those who do research.

As a member of the CGIAR Consortium, CIFOR shares the mission of reducing poverty and hunger, improving human health and nutrition, and enhancing ecosystem resilience through high quality international agricultural research, partnership and leadership. CIFOR's work contributes to CGIAR's system-level outcomes that are:

- Reduced Rural poverty
- Improved food security
- Improved nutrition and Health
- Sustainably managed natural resources.

CIFOR's research into tropical forests addresses some of the most pressing global issues of the day. Projects in local, national and transnational contexts examine the role of forests in people's lives across the themes of environment, governance, livelihoods and gender, while building capacity and partnerships

2. Governing body and organization

The main decision-making of the CIFOR is the Board of Trustees. The current Board of Trustees consists of 12 members from Canada, the UK, the US, China, Indonesia, the Philippines, Cota Rica and Kenya. The executive branch of CFOR is led by a Director General (DG). The current DG is Dr Peter Holmgren who assumes this position since September 2013. The DG is assisted by a Deputy Director General (DDG), three research portfolio directors, a Human resources Director, a Finance and Administration Director and a Director for Communications. The DG, the DDG and all he Directors form the Management Group.

The Headquarters (HQ) of CIFOR are located in Bogor, Indonesia. Out of the HQ, CIFOR has three main Hubs in Nairobi (Kenya), Yaoundé (Cameroon) and Lima (Peru). Additionally, CIFOR has staff hosted by partner organizations in Kisangani (Democratic Republic of Congo) Ouagadougou (Burkina Faso), Lusaka (Zambia) and Addis Ababa (Ethiopia).

3. Earlier Work in Africa

The Centre for International Forestry Research (CIFOR) is an important stakeholder in the domain of forestry research in Africa. During the 1990's CIFOR worked with partner such as the Tropenbos Foundation and the African Timber Organization (ATO) to develop Principles, Criteria and Indicators for the sustainable management of forest in Africa.

From its Central African Regional Office based in Yaoundé, CIFOR conducts and coordinates research activities in core research areas notably: forest carbon assessment (estimation of forest carbon stock and fluxes), forest governance, non-timber forest products, livelihood of forest dependent people, as well as the monitoring and analysis of national timber consumption from the informal forest sector.

CIFOR holds the most reliable data as well indicators for monitoring the informal forest sector in Central Africa. Its expertise on national and international forestry markets has been a valuable asset to COMIFAC member countries such as Cameroon and the republic of Congo for negotiations on the Voluntary Partnership Agreement with the European Union within the framework of the FLEGT process.

CIFOR is also the scientific partner of OFAC- the forest observatory organ of COMIFAC, and plays a leadership role in the elaboration of the various themes in the Congo Basin state of the forest reports, which is a two yearly publication on the state of the Congo Basin forest.

CIFOR has also been working in West Africa for more than 12 years. Its work has focused on forest and livelihoods, non-timber forest products and Climate change adaption. CIFOR and its partners have established a Sentinel Landscape (SL) in West Africa. SLs are established for long term research involving socio-economic as well as biophysical aspects. CIFOR's SL of West Africa cover three countries that are: Ghana, Mali and Burkina Faso.

4. Earlier work on domestic market and chainsaw timber processing

From 2010 to 2013, CIFOR studied the domestic timber markets in many countries within the framework of the "Pro-Formal" project funded by the EU. The projects involved research on informal regional and domestic timber markets in Congo Basin and other countries in Latin America and SE Asia (<http://www.cifor.org/pro-formal/publications.html>). In the Congo Basin, the study covered, Cameroon, Gabon and partially DRC. Additional funding from various partners allowed to also cover the Republic of Congo and the Central African Republic (CAR). More recently CIFOR, CIFOR has agreed to conduct a small seed project on the characterization of the artisanal timber sector in Côte d'Ivoire. The study in Côte d'Ivoire focuses only on the legal and institutional framework without quantitative data collection to have a better idea on the size of the sector.

Project findings from central Africa highlighted that official statistics are poor indicators of resource flows and fail to adequately capture the types of products/species used domestically and passing borders, thereby illustrating the need for more reliable data. The earlier work allowed CIFOR to establish extensive networks with smallholders, chainsaw millers, traders and brokers to provide a better understanding not only of the value chains' functioning, but also of the critical relations of power that exist and shape the chain itself. CIFOR also established relations with government officials and agencies (e.g. relating to forest, environment, customs, finance, and district administration), to take advantage of officially produced data and help the public administration fill knowledge gaps, especially outside country boundaries. Pro-Formal also provided very detailed assessments of the largely positive impacts that such trade provides to rural economies in producing countries.