



GHANA FOREST  
PLANTATION STRATEGY  
**ANNUAL REPORT**  
**2020**

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***ANNUAL REPORT 2020***

***FOREST SERVICES DIVISION OF THE  
FORESTRY COMMISSION***

*Cover Photo: The Chief Executive, Mr. John M. Allotey and some members of the Forestry Commission Board on a tour of Form Ghana Limited plantation site in the Tain II Forest Reserve - Bono Region*

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## LIST OF ACRONYMS

AFR100	–	African Forest Landscape Restoration Initiative
APSD	–	African Plantations for Sustainable Development
CFMP	–	Community Forestry Management Project
CoC	–	Chain of Custody
CSOs	–	Civil Society Organizations
ELCIR+	–	Engaging Local Communities in REDD+
ENFAL	–	Enhancing Natural Forest and Agroforest Landscapes
EP	–	Enrichment Planting
FAO	–	Food and Agriculture Organisation of the United Nations
FC	–	Forestry Commission
FIP	–	Forest Investment Programme
FLR	–	Forest Landscape Restoration
FORIG	–	Forestry Research Institute of Ghana
FPDFMB	–	Forest Plantation Development Fund Management Board
FSD	–	Forest Services Division of the Forestry Commission
GEF	–	Global Environment Facility
GFPS	–	Ghana Forest Plantation Strategy
GPTH	–	Guideline for Plantation Timber Harvesting
GoG	–	Government of Ghana–
LRP	–	Landscape Restoration Project
MTS	–	Modified Taungya System
MoP	–	Manual of Procedures
MMDAs	–	Metropolitan, Municipal and District Assemblies
MS	–	Mixed Species
NAP	–	National Afforestation/Reforestation Programme
NFPDP	–	National Forest Plantation Development Programme
NGRL	–	Newmont Golden Ridge Limited
NTFPs	–	Non-Timber Forest Products
OASL	–	Office of the Administrator of Stool Lands
PES	–	Payment for Ecosystem Services
PPP	–	Public-Private Partnership
PPD	–	Private Plantation Developer
PSPs	–	Permanent Sample Plots
REDD+	–	Reducing Emissions from Deforestation and Forest Degradation
RMSC	–	Resource Management Support Centre
SCF	–	Strategic Climate Fund
SDGs	–	Sustainable Development Goals
SLWMP	–	Sustainable Land and Water Management Project
STV	–	Standing Tree Value
SRA	–	Social Responsibility Agreement
ToF	–	Trees-on-Farms—
WCF	–	World Cocoa Foundation
YAP	–	Youth in Afforestation/Reforestation Project
YFPEP	–	Youth in Forest Plantation Enterprise Project



3-year old Ceiba in an enrichment planting strip in the Achimota Forest Reserve.

## EXECUTIVE SUMMARY

Ghana is strategically positioned for the restoration of its deforested and degraded forest landscapes with the implementation of the Ghana Forest Plantation Strategy (GFPS, 2016-2040). The goal of the GFPS is “to achieve sustainable supply of planted forest goods and services to deliver a range of economic, social and environmental benefits”. The GFPS is anchored on three (3) main interventions namely, the development of forest plantations (FP), enrichment planting (EP), and trees-on-farm (ToF) (farm forestry). These interventions are intended to restore the ecological integrity of Ghana’s landscapes, attenuate the timber supply deficit, improve food security and livelihoods for forest-dependent communities while harnessing the opportunities of emerging carbon and ecosystem services market.

The report presents the progress made under the GFPS in 2020. Overall, a total area of **172,594.8 ha** of degraded / deforested lands was put under restoration. Out of this figure, forest plantations constituted **19,171.4 ha**, enrichment planting **3,115.6 ha** and trees-on-farm accounted for **150,307.8 ha**. This brings the cumulative area put under restoration to **537,427.4 ha (FP - 72,506.5 ha; EP - 16,892.2 ha; ToF - 448,028.7 ha)** since the implementation of the GFPS.

Forest plantation development included industrial timber plantations, woodlots, amenity planting among others. Due to the COVID-19 pandemic the GFPS forest plantation annual target of 25,000 ha was revised to 20,000 ha (12,000 ha for the public sector and 8,000 ha for the private sector). The forest plantation achievement of 19,171.4 ha represents 96% of the revised annual target. The area established by Government (14,252.1 ha) under the National Afforestation/Reforestation Programme (NAP) exceeded the revised annual target by 19%. However, the private sector achievement of 4,919.3 ha fell short of the revised target by 38%. This calls for the intensification of efforts towards incentivising the private sector to shore-up performance in forest plantation establishment.

During the year under review, **3,115.6 ha** of enrichment planting was undertaken in degraded and poorly stocked forest reserve compartments using high value indigenous timber species. The species planted include African Mahogany (*Khaya ivorensis*), Ofram (*Terminalia superba*), Emire (*Terminalia ivorensis / senegalensis*), Black Hyedua (*Guibourtia ehie*), Afrormosia (*Pericopsis elata*), Oprono (*Mansonia altissima*), Baku (*Tieghemella heckelii*), and Wawa (*Triplochiton scleroxylon*).

In line with efforts towards climate smart agricultural outcomes, a total of 5,010,261 desirable forest tree seedlings were distributed to farmers under the trees-on-farm





component (farm forestry) for integration within cocoa farms and other farming systems (estimated area of 150,307.8 ha). This is the first time the annual target for trees-on-farm has been met since the implementation of the GFPS.

During 2020, a total of **27.9 million** tree seedlings were planted under the various planting interventions. Out of this total number, FSD procured **13,405,710** tree seedlings through contracts with **503** rural community-based entities and individuals. FSD and private plantation developers also raised and supplied **4,832,343** and **6,484,638** seedlings respectively while other stakeholders including COCOBOD, and World Cocoa Foundation (WCF) reported **3,205,700** seedlings for incorporation into cocoa farms.

The GFPS continues to make valuable contribution to the food security and nutrition of Ghana. In 2020, a total of 58,616 tonnes (t) of food crops was produced from forest plantation sites especially MTS and Taungya sites. This achievement represents a 37.2% increase in the estimated food crop production compared to the previous year's output.

There was a general drop in timber (both natural forest and plantation) exports in 2020 by 25% compared to the previous year due to the COVID-19 pandemic. This contributed to a reduction in the volume of plantation timber exports in 2020. Consequently, for the first time since 2017, the volume of plantation timber exports in 2020 (115,332 m<sup>3</sup>) dropped from the increasing trend by a margin of 32% to the previous year's performance. Plantation timber exports (mainly lumber, billets, rotary veneer, etc.) constituted 51% of the total timber and wood products volume exported from Ghana in 2020, representing a decline of 6 percentage points compared to the previous year. In terms of value, plantation timber exports contributed to 45% of the total timber and wood products export value of **€116,150,310.32** generated in 2020.

The main challenges faced during 2020 included; (i) Delay in the payment of monthly allowances to YAP beneficiaries; (ii) Wildfire outbreaks within forest plantations; (iii) Destruction of forest plantations through the activities of free-range cattle and herders; (iv) Inadequate logistics such as motorbikes and 4x4 pick-up trucks for FSD staff to effectively monitor field operations; and (v) Limited resources and capacity of FSD to effectively cope with the scale of harvest envisaged by medium – large-scale commercial forest plantation developers.

The FSD foresees an improvement in performance under the GFPS in 2021 with the expectation of addressing some of the lingering challenges, and the coming on board of the Green Ghana Day initiative. It is expected that drafting of the Forest Plantation Act will commence, modalities for implementing MTS will be reviewed, and recommendations of the FAO Forest Plantation Chain of Custody Project considered by FSD. In line with the M&E framework of the GFPS, it is expected that the GFPS will be reviewed based on change in circumstances and lessons learned for improved outcomes in the subsequent years.

# ACHIEVEMENTS AT A GLANCE

CATEGORY	ANNUAL TARGET	2020 ACHIEVEMENT
Plantation Establishment On & Off Reserve (ha)	20,000	19,171.4
Plantation Maintenance On & Off Reserve (ha)	101,000	45,125.2
Enrichment Planting (ha)	5,000	3,115.6
Farm Forestry/Trees-On-Farm (No. of seedlings)	5,000,000	5,010,261
Number of Seedlings Planted	Variable	27,900,000
Plantation Timber Harvested On & Off Reserve (m <sup>3</sup> )	120,000	124,790.1
Food crop Production (tonnes)	25,000	58,616
Jobs (No. of Persons Engaged)	62,500	75,379
Amount disbursed to stakeholders (OASL, Landowners, MTS Groups, MMDA's, etc) (GH¢)	Variable	6,330,795.40

YEAR	PLANTATION ESTABLISHMENT (ha)	ENRICHMENT PLANTING (ha)	TREES-ON-FARM	
			(No. of seedlings)	(Est. Area)
2017	8,725.0	4,488.9	4,169,475	(125,059 ha)
2018	20,169.2	4,724.6	3,417,098	(102,492 ha)
2019	25,004.2	4,563.1	2,261,247	(67,824 ha)
2020	19,171.4	3,115.6	5,010,261	(150,307 ha)
<b>TOTAL</b>	<b>73,069.8</b>	<b>16,892.2</b>	<b>14,858,081</b>	<b>(445,682ha)</b>

In response to the 2012 Ghana Forest and Wildlife Policy, the Forestry Commission in collaboration with the Ministry of Lands and Natural Resources (MLNR), and relevant stakeholders developed and launched the Ghana Forest Plantation Strategy (GFPS, 2016 – 2040) in November, 2016. The GFPS is anchored on three main forest restoration interventions namely, forest plantation development, enrichment planting and farm forestry as espoused by the 2012 Forest and Wildlife Policy. In this respect, it is anticipated that Ghana will be placed on a strategic pathway for the sustainable supply of forest plantation timber for both domestic use and export in addition to environmental benefits.

Significant progress was made towards the rehabilitation of degraded forests in Ghana under the erstwhile National Forest Plantation Development Programme (NFPDP). Available records indicate that a total of 138,879.4 ha of forest plantations was established from 2002 to 2016 under the NFPDP. This notwithstanding, a few bottlenecks were experienced during the implementation of the NFPDP in addition to the fact that it could not respond well to the emerging global environmental issues within the forestry sector.

The GFPS however, provides an omnibus framework under which various forest restoration and rehabilitation initiatives are implemented. This new direction of forest restoration is well aligned with Ghana's Development Agenda, relevant national policies and responsive to our international commitments including the Sustainable Development Goals (SDGs), the Bonn Challenge, New York Declaration on Forests, African Forest Landscape Restoration Initiative (AFR100), United Nations Strategic Plan for Forests and Paris Climate Agreement.

The goal of the GFPS is "to achieve sustainable supply of planted forest goods and services to deliver a range of economic, social and environmental benefits".

The five (5) strategic objectives emanating from the goal are:

- 1. To provide a sustainable supply of timber and non-timber forest products and environmental services through the;**
  - i. Establishment and management of 625,000 ha of forest plantation and enrichment planting of 100,000 ha through the application of best practice principles by year 2040
  - ii. Provision of support for the incorporation of trees within farming systems (farm forestry) covering 3.75 million ha of agricultural landscapes, by year 2040;
  - iii. maintenance and rehabilitation of an estimated 235,000 ha of existing forest plantations through the application of best practice principles.
- 2. To promote investments in the establishment and management of small, medium and large-scale forest plantations.**
- 3. To create employment opportunities and sustainable livelihoods in rural communities through forest plantation development**

4. To increase investments in research and development, extension, training and capacity building for forest plantation development, timber utilization and marketing
5. To improve governance in the regulation and management of forest plantations.

The Forestry Commission has been implementing the GFPS since 2017. As at the end of 2019, the cumulative area restored through plantation development, enrichment planting and trees-on-farms under the GFPS was 364,832.6 ha (139,561.9 ha in 2017, 127,879.5 ha in 2018 and 97,391.2 ha in 2019).

Field verification of the 2019 areas planted is ongoing. A total area of 16,508.1 ha was reported planted under the YAP module and MTS. Out of this figure, 11,048.9 ha was reported planted in seven (7) regions, of which 9,960.1 ha has been verified to have been planted. A summary of the verified area against area reported planted in the seven (7) out of the sixteen (16) regions is presented in Tables 1 and 2.

*Table 1: Regional summary of verified areas against area reported planted for 2019 MTS sites.*

Region	Reported Area (ha)	Verified Area (ha)	Variance (ha)	% Variance
Ashanti	1,905.4	1,813.5	-91.9	-4.8
Ahafo	562.5	506.1	-56.4	-10.0
Bono	686.3	664.6	-21.7	-3.2
Bono East	40.0	38.1	-1.9	-4.7
Eastern	153.8	116.6	-37.2	-24.2
Western	227.1	220.6	-6.5	-2.9
Western North	1,895.7	1,827.9	-67.8	-3.6
<b>Total</b>	<b>5,470.8</b>	<b>5,187.4</b>	<b>-283.4</b>	<b>-5.2</b>

*Table 2: Regional summary of verified areas against area reported planted for 2019 YAP sites.*

Region	Reported Area (ha)	Verified Area (ha)	Variance (ha)	% Variance
Ashanti	1,950.1	1,742.8	-207.3	-10.6
Ahafo	258.3	230.9	-27.4	-10.6
Bono	875.4	752.7	-122.7	-14.0
Bono East	557.0	473.3	-83.7	-15.0
Eastern	421.0	301.4	-119.6	-28.4
Western	115.8	81.3	-34.4	-29.8
Western North	1,400.6	1,190.3	-210.3	-15.0
<b>Total</b>	<b>5,578.1</b>	<b>4,772.7</b>	<b>-805.43</b>	<b>-14.4</b>

In 2020, a total area of **172,594.8 ha** of degraded / deforested lands was put under restoration through various interventions including incorporating trees within farming systems (Trees on Farms), commercial forest plantation development, planting of degraded watersheds, and enrichment planting within degraded and understocked compartments using high value indigenous timber species. The cumulative achievements from 2017 to 2020 are summarised in Table 3.

Table 3: GFPS cumulative achievement (2017 - 2020)

COMPONENT	SUB-COMPONENT	INTERVENTION	YEAR								TOTAL (ha)
			2017		2018		2019		2020		
			ON (ha)	OFF (ha)	ON (ha)	OFF (ha)	ON (ha)	OFF (ha)	ON (ha)	OFF (ha)	
PLANTATION	NAP	YAP	-	-	3,697.4	2,988.2	6,803.1	2,817.8	4,792.6	1,408.2	22,507.3
		MTS (FC)	3,323.6	-	2,243.9	-	6,426.2	-	7,637.4	-	19,631.1
		MTS (FIP)	-	-	3,872.3	-	461.0	-	-	-	4,333.3
		MTS REDD+ PROJECT	-	-	-	-	-	-	167.5	-	167.5
		FC-INDUSTRY	640.0	-	519.0	-	350.0	-	-	-	1,509.0
		FC (OTHER PLANTATIONS)	38.7	11.6	36.7	19.3	8.1	182.1	-	-	296.5
		FIP (OTHER PLANTATIONS)	358.7	890.1	381.2	835.0	426.4	1,232.0	-	-	4,123.4
		SLWMP	50.0	57.8	100.0	56.4	70.0	124.0	13.4	-	471.6
		REFORESTATION OFFSET	170.0	-	-	-	-	-	46.0	-	216.0
		YFPEP	-	-	-	-	138.0	-	187.0	-	325.0
	PRIVATE	PPP	2,451.5	-	3,812.7	-	4,617.0	-	3,118.8	-	14,000.0
PPD	320.1	412.9	613.0	430.8	692.0	-	1,242.3	-	3,711.1		
TAIN II LRP	-	-	-	-	350.0	306.5	558.2	-	1,214.7		
SUBTOTAL			7,352.6	1,372.4	15,276.2	4,329.7	20,341.8	4,662.4	17,763.2	1,408.2	72,506.5
			<b>8,725.0</b>		<b>19,605.9</b>		<b>25,004.2</b>		<b>19,171.4</b>		
ENRICHMENT	NAP	YAP	-	-	1,391.7	-	4,533.1	30.0	3,115.6	-	9,070.4
		FIP	4,198.9	-	3,332.9	-	-	-	-	-	7,531.8
		OTHERS	290.0	-	-	-	-	-	-	-	290.0
SUBTOTAL			4,488.9	-	4,724.6	-	4,533.1	30.0	3,115.6	-	16,892.2
			<b>4,488.9</b>		<b>4,724.6</b>		<b>4,563.1</b>		<b>3,115.6</b>		<b>16,892.2</b>
TREES-ON-FARM	NAP	YAP	-	-	-	-	-	2,653.5	-	54,136.8	56,790.3
		FIP	-	70,994.0	-	60,454.0	-	850.0	-	-	132,298.0
	PRIVATE	OTHER COLLABORATORS	-	55,354.0	-	43,095.0	-	64,320.4	-	96,000.0	258,769.4
		TAIN II LRP	-	-	-	-	-	-	-	171.0	171.0
SUBTOTAL			-	126,348.0	-	103,549.0	-	67,823.9	-	150,307.8	448,028.7
TOTAL			11,841.5	127,720.4	20,000.8	107,878.7	24,874.9	72,516.3	20,878.8	151,716.0	537,427.4
			<b>139,561.9</b>		<b>127,879.5</b>		<b>97,391.2</b>		<b>172,594.8</b>		

Landscape restoration measures being implemented under the GFPS have an overarching aim of restoring the ecological integrity of degraded landscapes, while contributing to improved livelihoods and human well-being. The various landscape restoration measures in Ghana are categorized into the following three (3) broad interventions:

- I. Forest Plantation Development;
- II. Enrichment Planting; and
- III. Trees-on-Farm/ Farm Forestry

Achievements under these interventions are reported under Strategic Objective 1 of the GFPS. In addition, coppice management activities undertaken within harvested teak stands and other maintenance activities within restored landscapes are also reported under this Strategic Objective.

## 2.1 Forest Plantation Development

Development of forest plantations has historically been the major intervention for restoration of degraded/deforested forest landscapes and suitable non-forest lands in Ghana. Increasingly, forest plantations are becoming the major source of timber in Ghana while providing additional benefits including the sustainable supply of non-timber forest products and environmental services. In accordance with the GFPS, an annual target for the development of 25,000 ha of forest plantations was set for 2020. However, as a result of the impact of COVID-19 on field operations, the annual target for 2020 was revised to 20,000 ha. The revised annual target encompasses a target of 12,000 ha for the public sector to be established under the National Afforestation/Reforestation Programme (NAP), which is being funded mainly by the Government of Ghana. The private sector was required to establish the remaining 8,000 ha. Additionally, a total area of 100,000 ha of existing forest plantations was targeted for maintenance/rehabilitation during the reporting year.

### 2.1.1 Forest Plantation Establishment Under the Various Planting Components

A total area of **19,171.4 ha** of forest plantations was established in 2020 as presented in Table 4. As has been the observed trend during the implementation of the GFPS over the past four years, the public sector exceeded the revised target for the year. This consistent remarkable performance by the public sector over the years is attributable to the sustained increased investments by the Government through the implementation of the Youth in Afforestation/Reforestation Project (YAP) and the Modified Taungya System (MTS).

The predominant species planted during the year include *Tectona grandis* (Teak), *Cedrela odorata* (Cedrela), *Eucalyptus* (including hybrids), *Gmelina arborea*, *Terminalia superba* (Ofram), *Terminalia ivorensis* (Emire), *Pterocarpus erinaceus* (African Rosewood), *Senna siamea* (Cassia), *Bambusa vulgaris*, *Oxytenanthera abyssinica* (Bamboo), and *Khaya ivorensis* / *senegalensis* (African Mahogany).

Table 4: Targets and achievements for forest plantation development in 2020

Component	Original Target (ha)	Revised Target (ha)	Achievement (ha)
Public (NAP)	15,000	12,000	14,252.1
Private (PPP & PPD)	10,000	8,000	4,919.3
<b>Total</b>	<b>25,000</b>	<b>20,000</b>	<b>19,171.4</b>

The forest plantations developed during the reporting period under various components are presented below:

## I. NATIONAL AFFORESTATION/REFORESTATION PROGRAMME (NAP)

### a. Youth in Afforestation/Reforestation Project (YAP)

The Youth in Afforestation/Reforestation Project (YAP) is a government-funded forest plantation development project which engages the youth to undertake rehabilitation of degraded and deforested landscapes nationwide, raise tree seedlings and also support forest protection and management measures. Implementation of the project commenced in April 2018 with an initial engagement of about 50,000 beneficiaries.



**Figure 1:** 2020 YAP plantation stand in the Afrensu Brohuma Forest Reserve, Offinso Forest District – Ashanti Region

The number of beneficiaries has however reduced over the period as a result of resignations. As at the end of 2020, the total number of YAP beneficiaries at post was approximately 35,000. During the reporting period, the YAP beneficiaries undertook various landscape restoration/rehabilitation activities including amenity planting, Taungya, direct planting, enrichment planting, raising of seedlings and maintenance of existing plantations. A total area of **6,204.7 ha** of forest plantations was established in 2020 under the YAP.

### b. Modified Taungya System (MTS)

The MTS involves the establishment of forest plantations by the Forest Services Division (FSD) in partnership with farmers in forest fringe communities. Under the MTS, the farmers provide labour for the field activities while the FSD supervises and provides the required logistics. The farmers are permitted to cultivate their food crops alongside the planted trees on the same piece of land for a period of up to three (3) years. The farmers, in addition to the food crops, have a 40% share in the Standing Tree Value (STV) of the planted trees. The Government has a 40% share while the landowner and community have a 15% and 5% share respectively.



**Figure 2:** One-year old MTS Teak stand intercropped with plantain in Aparapi Shelterbelt Forest Reserve, Bechem Forest District – Ahafo Region

The MTS accounted for **7,637.3 ha** of forest plantations established in 2020.

#### **c. REDD+ Project by Mondelez International**

In accordance with their role as an implementing partner of the Ghana Cocoa Forest REDD+ Programme, Mondelez International is collaborating with the Forestry Commission and farmers to undertake a carbon stocks enhancement REDD+ project using the MTS module in Compartments 13 and 23 of Ayum Forest Reserve in the Goaso Forest District. During the reporting year, a total area of **167.5 ha** was established under this project.

#### **d. Sustainable Land and Water Management Project (SLWMP)**

The Sustainable Land and Water Management Project (SLWMP) is funded by a Global Environment Facility (GEF) grant to support the Government of Ghana to (a) improve land management of selected micro-watersheds in Northern Ghana to reverse land degradation and enhance agricultural productivity; and (b) improve spatial planning through integration of watershed management and development plans. The ten-year project aims to support the Sustainable Development Initiative for the Northern Savanna to realize the vision of “a diversified and resilient economic zone in the north” with significant regional environmental benefits.

Under the SLWMP, a total of **13.4 ha** of woodlots was established in the Upper East and Upper West Regions in 2020.

#### **e. Reforestation Offset Project by Golden Star Limited**

Golden Star Limited has been allocated an area of 50 ha of degraded forest land in the Minta Forest Reserve for a reforestation offset project to mitigate the impact of mining undertaken by the company on a 16-ha land in the Opon Mansi Forest Reserve also in the Dunkwa Forest District. During the reporting period, the company established **46 ha** under the reforestation offset project.

#### **f. Youth in Forest Plantation Enterprise Project (YFPEP)**

The Youth in Forest Plantation Enterprise Project (YFPEP) is a pioneering initiative by the Forest Plantation Development Fund Management Board (FPDFMB) offering young entrepreneurs an opportunity to engage in commercial forest plantation development. The forest plantations will be owned by the individual entrepreneurs. The participants are being supported with logistics and monthly allowance by GoG through the FPDFMB. The logistics include seedlings, Personal Protective Equipment (PPE) and working tools.

The implementation of the YFPEP started in 2019 within the Ashanti, Bono, and Eastern Regions of Ghana with funding from the FPDFMB. Three (3) forest reserves namely; Tain II (Sunyani Forest District), Tinte Bepo (Mankranso Forest District) and Esen Epam (Oda Forest District) were selected for project implementation. Seventy-five (75) young entrepreneurs were engaged as plantation supervisors to establish a total area of 375 ha. Each Supervisor together with three (3) Assistants was allocated 5.0 ha as a target to establish per annum. During the reporting period, a total area of **187 ha** was established. Consequently, a cumulative total area of **325 ha** has been established under the initiative out of the targeted 375 ha (Table 5). Species planted include Teak, Cedrela, Ofram and Mahogany.





**Figure 3:** One-year old *Cedrela* plantation established under YFPEP in Tinte Bepo Forest Reserve, Mankranso Forest District – Ashanti Region

**Table 5: FPDFMB Youth in Forest Plantation Enterprise Project (YFPEP)**

REGION	FOREST DISTRICT	FOREST RESERVE	COMPT.	AREA ALLOCATED (ha)	AREA PLANTED IN 2020 (ha)	CUMULATIVE AREA PLANTED 2019 & 2020 (ha)	NO. OF SUPERVISORS	NO. OF ASSISTANTS
Ashanti	Mankranso	Tinte Bepo	92, 93	250.0	96.0	150.0	25	75
Bono	Sunyani	Tain II	318, 323, 324	250.0	50.0	125.0	25	75
Eastern	Oda	Esen Epam	12, 14	250.0	41.0	50.0	25	75
<b>TOTAL</b>				<b>750.0</b>	<b>187.0</b>	<b>325.0</b>	<b>75</b>	<b>225</b>

During the reporting year, the following forest plantation development programmes/ projects under NAP focused primarily on maintenance/ rehabilitation of existing plantations.

#### **g. Forest Investment Programme (FIP)**

Implementation of the Forest Investment Programme (FIP) commenced in 2015 as a targeted intervention under the Strategic Climate Fund (SCF). FIP-financed activities in Ghana are aimed at tackling the drivers of deforestation and forest degradation, promoting agroforestry practices, and rehabilitating degraded forests, while enhancing livelihoods and conserving biodiversity.

Key activities undertaken under FIP include the establishment of model plantations and seed orchards, enrichment planting within poorly stocked forest reserves, planting up of external forest reserve and internal (admitted farm) boundaries, establishment of small-medium size plantations off-reserve, development of woodlots, rehabilitation of degraded watersheds, rehabilitation of degraded sacred groves and incorporation of trees within farming systems. FIP is being implemented in the Western, Western North, Bono, Bono East, and Ahafo Regions.

A total area of **3,307.2 ha** of established plantations were maintained under FIP in 2020.

## **h. Forestry Commission/ Timber Industry Plantation Development Fund Plantations**

This component, is a GoG funded forest plantations development initiative. Funds are sourced from a third (i.e. 0.5%) of the 1.5% export levy paid by exporters of timber products (air-dried lumber). The plantations have been established in the Eastern, Ashanti and Bono Regions within Esen Epam, Pra-Anum, Afram Headwaters, Asenanyo River, Mankrang River, Opro River and Pamu-Berekum Forest Reserves. During the reporting year, no forest plantations were established. However, maintenance activities were undertaken within the total area of 3,097.9 ha of forest plantations reported established to date under this initiative. The Forestry Research Institute of Ghana (FORIG) has been engaged by the FC/Timber Industry Plantation Development Fund Committee to establish and manage these plantations.

## **i. Forest Landscape Restoration Through a Sustainable Wood Energy Value Chain Project**

The project supports partner government institutions, mainly the Forestry Commission and Energy Commission, to restore forest landscapes jointly with landowners and smallholder farmers in 10 selected charcoal producing communities. The project is funded by grant from GIZ and seeks to support implementation of the following activities:

- I. Reforestation for sustainable wood energy production on degraded land;**
- II. Rehabilitation of forest landscapes;**
- III. Improvement of energy efficiency.**

These experiences are fed into the implementation of the national climate policy and REDD+ strategy and contribute to the improvement of the framework for sustainable forest management and climate change mitigation in Ghana. In addition, project results are disseminated at the regional and international levels.

The project has a target of establishing 300 ha of energy woodlots on degraded land and rehabilitation of 700 ha of natural forests and agroforestry areas in 10 selected project communities in the Bono East (i.e., Babato, Nante, Anyima, Beposo and Baaya) and Savanna (i.e., Kpulumbo, Mognori, Yazori, Soalepe and Achubunyor) Regions.

The achievements of the project in 2020 are as follows:

- I. Three (3) Community-based tree nurseries with a total capacity to produce 1,000,000 seedlings were established in Mognori, Beposo and Nante. The three (3) communities raised a total of 250,000 seedlings; out of which over 240,000 were distributed and planted. The species nursed include Shea, Mahogany, Dawadawa, Rosewood, Baobab, Kapok, Afzelia, Tamarin etc.**
- II. Rehabilitation of 176.1 ha of degraded forest and agroforestry areas. The areas include 70 ha of woodlot in Babato, 69.7 ha of green firebelt at Nante Sacred Groves, 20 ha of reforested areas in Bosomoa Forest Reserve and 16.4 ha of river buffers in Babato and Nante. The project also provided support to Apaaso Primary and JHS by giving them free tree seedlings.**
- III. Training of over 80 community members on nursery operations, forest plantation development, agroforestry systems and ensuring gender mainstreaming in forest landscape**

restoration activities.

IV. Creation of 415 seasonal jobs for community members to undertake planting, maintenance and other related services. The project has also created twenty-two permanent jobs i.e., twenty nursery attendants, one supervisor and a landscape coordinator.

V. Development of a gender action plan; and

VI. Support for the development of forest management plans.

## II. PRIVATE SECTOR-LED COMMERCIAL FOREST PLANTATION DEVELOPMENT INITIATIVES

Forest plantations under this component are established by private sector actors and are categorized into two (2) main sub-components based on benefit sharing ratios and respective roles of partners:

### **j. Private Plantation Developers On-Reserve (PPD):**

This sub-component involves the allocation of degraded forest reserve lands by the Forestry Commission to private entities after their reforestation plans have been vetted and approved and subsequent signing of Land Lease and Benefit Sharing Agreements. The Forestry Commission undertakes monitoring of the operations of the private entities to ensure compliance with the terms and conditions of the agreement and the approved reforestation plans. Under this arrangement, the private investor earns 90% of the Standing Tree Value (STV) of the plantation whereas the remaining 10% is shared as follows - FC (2%), Landowner (6%) and Local Community (2%). In addition, the investor pays an annual ground rent of the Ghana Cedi equivalent of \$2 per hectare for the total allocated area over the lease period.

An area of **1,242.3 ha** was reported established in 2020 under this sub-component.

### **k. Public-Private Partnership (PPP):**

The PPP arrangement involves the release of degraded forest reserve lands to private entities. However, the FC undertakes at its own cost survey and demarcation, pillaring, registration of Land Lease and Benefit Sharing Agreements, community fire education; provides support towards fire-fighting, and monitoring of the plantation development operations. The private investor is entitled to 80% of the STV of the plantation whereas the FC receives 12%, the Landowner (6%) and Local Community (2%).

The investor pays ground rent at a rate of the Ghana Cedi equivalent of \$2 per hectare per year. In addition, the investor pays an annual fee of the Ghana Cedi equivalent of \$2 per hectare as Facilitation Fee and a one-off payment of the Ghana Cedi equivalent of \$7 per hectare to the landowner as "Drink Money". An area of **3,118.8 ha** was developed using the PPP approach in 2020.



**Figure 4:** 13-month old Gmelina stand established by Miro Forestry (Ch) Limited in Boumfum Forest Reserve, Kumawu Forest District- Ashanti Region.

#### **i. Tain II Landscape Restoration Project:**

The Tain II Landscape Restoration Project is being implemented by Form Ghana Limited in collaboration with FC; Berekum, Nsoatre, Seikwa and Suma Traditional Councils; the Berekum Municipal Assembly, Sunyani West, Tain & Jaman North District Assemblies. It seeks to promote the restoration of natural forests and increase productivity of agricultural land to improve the livelihood of the communities surrounding the Tain II Forest Reserve. The project seeks to protect and restore degraded lands within the Tain II Landscape. The Landscape Restoration Project area covers approximately 117,027 ha.

The following milestones were achieved in 2020:

1. A total area of 6,157.4 ha of lands is currently under community fire management, an increase of 530.8 ha over the 2019 area under this management.
2. The project provided support to 317 farmers to plant 171 ha of land using an agroforestry model which incorporates planting of tree crops (cashew, Cola nitida, mango and orange) and indigenous tree species such as Ofram and Mahogany.
3. Provision of technical support to farmers to maintain the total area of 3,039.2 ha under restoration using the agroforestry model.
4. An area of 128 ha of forest plantations was established in the Tain II Forest Reserve using the Taungya module where farmers intercropped maize within the established Teak plantation.
5. Maintenance of the 8.5 ha demonstration farm which was established at Kotaa in Berekum Municipality in 2019.
6. A green firebreak covering an area of 24.1 ha (40.1 km) was established along the external boundary of the Tain II Forest Reserve.
7. An area of 406.14 ha of the Eastern Guinean Forest along the Tain River was rehabilitated through watershed planting. The total area under restoration to date within the catchment area of the river is 1,075.68 ha.

## Establishment of Forest Plantations in Degraded Forest Reserves and Off-Reserve Areas

Out of the total area of **19,171.4 ha** of forest plantations established in 2020, **17,763.1 ha** was established within degraded forest reserves (Table 6) with the remaining **1,408.3 ha** established within off-reserve areas (Table 7).

Table 6: Forest plantations established within degraded forest reserves in 2020

COMPONENT	UNIT	YAP	SLWMP	TAIN II LANDSCAPE PROJECT	YOUTH IN PLANTATION	FC / COLL.	REF. OFFSET	PPP	PPD	TOTAL (ha)
Direct Planting	ha	4,670.5	-	128.0	187.0	-	46.0	3,118.8	1,242.3	9,392.6
Modified	ha		-	-	-	7,804.8		-	-	7,804.8
Seed Orchard	ha	51.6	-	-	-	-		-	-	51.6
Taungya System Woodlots	ha		13.4	-	-	-		-	-	13.4
Experimental/	ha	48.5	-	-	-	-		-	-	48.5
Model Plantation	ha	22.0								22.0
Trial Planting Watershed	ha			406.1						406.1
Green Firebreaks	ha			24.1						24.1
<b>Total Planting</b>		<b>4,792.6</b>	<b>13.4</b>	<b>558.2</b>	<b>187.0</b>	<b>7,804.8</b>	<b>46.0</b>	<b>3,118.8</b>	<b>1,242.3</b>	<b>17,763.1</b>

Table 7: Forest plantations established within off-reserve in 2020

COMPONENT	UNIT	2020 ACHIEVEMENTS
		YAP
Direct Planting	ha	863.2
Amenity/ Avenue planting	ha	151.7
Watershed planting	ha	173.1
Woodlots	ha	220.3
<b>Total</b>		<b>1,408.3</b>

### Regional Breakdown of Forest Plantation Development Achievements – 2020

Ashanti Region achieved the highest forest plantation establishment in 2020, accounting for **37%** of the total area established. See Table 8 and Figure 5 for details.

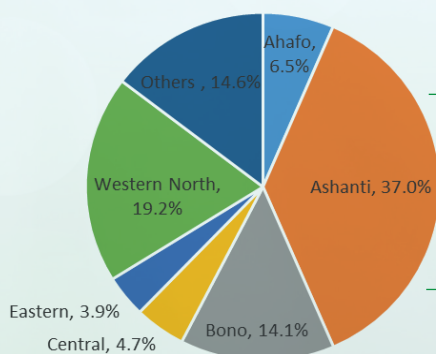


Figure 5: Proportion of regional achievements of forest plantations established in 2020

Table 8: Regional breakdown of forest plantations established in 2020

Region	Area Established (ha)
Ahafo	1,238.6
Ashanti	7,100.6
Bono	2,699.3
Bono East	494.8
Central	893.1
Eastern	745.5
Greater Accra	146.8
North East	319.8
Northern	270.5
Oti	216.3
Savannah	156.3
Upper East	222.7
Upper West	403.7
Volta	149.9
Western	424.0
Western North	3,689.6
<b>Total</b>	<b>19,171.4</b>

## 2.1.2 Maintenance/ Rehabilitation of Existing Plantations

During the reporting period, various maintenance activities were undertaken within existing plantations to ensure optimal growth and yield. Maintenance and forest protection activities undertaken in forest plantations include weeding, pruning, thinning, as well as protection of the plantations from wildfire, pests and diseases. In addition, severely burnt/ disturbed forest plantations were also rehabilitated through extensive beating up. A total area of **45,125.2 ha** of forest plantations was maintained in 2020. The maintenance activities were undertaken within forest plantations established under the following planting components outlined in Table 9:



**Figure 6:** Maintenance within one-year old Teak stand (YAP) in Afrensu Brohuma Forest Reserve, Offinso Forest District – Ashanti Region

Table 9: Maintenance activities undertaken in 2020 under different planting components

COMPONENT/PROJECT	AREA MAINTAINED (ha)
1. Youth in Afforestation/ Reforestation Project.	3,198.6
2. MTS (FC)	5,996.8
3. Forest Investment Programme	3,307.2
4. Reforestation Offset-Project by Newmont Golden Ridge Limited	317.0
5. Private Plantation Developers	26,020.0
6. FC-Timber Industry Plantations	3,097.9
7. GIZ-funded Forest Landscape Restoration Project	140.00
8. Tain II Landscape Restoration Programme	3,047.70
<b>TOTAL</b>	<b>45,125.2</b>



**Figure 7:** Enrichment planting site within the Achimota Forest Reserve – Greater Accra Region

## 2.2 Enrichment Planting

Enrichment planting is being implemented within poorly stocked/ degraded forests (predominantly forest reserve compartments with forest condition score 4) by planting high value indigenous timber species to enhance the recovery of degraded forests and thereby ensure the sustainable supply of forest goods and services.

A total area of 5,000 ha of understocked/ convalescence areas within forest reserves was targeted for restoration through Enrichment Planting in 2020.

During the reporting period, 3,115.6 ha of poorly stocked forests was improved through enrichment planting. Enrichment planting interventions were undertaken under the YAP in the following regions:

**Table 10: Regional breakdown of enrichment planting activities undertaken in 2020**

REGION	ENRICHMENT PLANTING UNDERTAKEN (ha)
Ahafo	180.0
Ashanti	478.2
Bono	150.0
Bono East	3.6
Central	317.4
Eastern	463.3
Oti	5.5
Western	817.9
Western North	699.7
<b>Total</b>	<b>3,115.6</b>

In the year under review, a total area of **1,984.9 ha** of existing enrichment planting sites was maintained.

## 2.3 Trees-on-Farm/Farm Forestry

The Trees-on-farm intervention is intended to improve the carbon density, biodiversity and sustainability of farming systems through the incorporation of appropriate forest trees.

Under this intervention, 5,000,000 seedlings were targeted to be provided for planting, covering a total estimated farm area of 150,000 ha annually.



**Figure 8:** Konkroma seedling within a cocoa farm at Nimfuorkrom in Mankranso Forest District – Ashanti Region



**Figure 9:** Ofram tree planted in a cocoa farm at Acherensua, Bechem Forest District – Ahafo Region

During the reporting period, the trees-on-farm intervention was implemented under the Tain II Landscape Restoration Project, YAP and through the efforts of other actors (e.g. Ghana Cocoa Board, Private Sector and Civil Society Organisations) targeted at promoting climate smart agriculture. In total, **5,010,261** tree seedlings were reported supplied to farmers for planting in their farms (Table 11). The trees were either planted within the farms (usually about 18 – 21 trees per hectare) or planted along the boundaries of farms (about 132 trees per hectare). An estimated area of **150,307.8 ha** of farms (predominantly cocoa farms) was covered under this intervention in 2020. The details are as follows:

**Table 11: Seedlings supplied for Trees-On-Farm/ Farm Forestry**

COMPONENT	SEEDLINGS SUPPLIED FOR PLANTING IN FARMS	ESTIMATED AREA (ha)
FC/YAP	1,804,561	54,136.8
OTHERS (COCOBOD, Private Sector, CSOs)	3,200,000	96,000.0
Tain II Landscape Restoration Project	5,700	171.0
<b>TOTAL</b>	<b>5,010,261</b>	<b>150,307.8</b>

## 2.4 Coppice Management

An estimated area of 2,000 ha of previously harvested Teak plantations was targeted for coppice management. As a result of challenges encountered in 2018 and 2019 when YAP beneficiaries were tasked to undertake the activity, it was envisaged that coppice management will be contracted to the private sector. However, the procurement processes could not be completed for signing of coppice management contracts by the end of the year. Consequently, 9 ha of coppice management was undertaken in the Juaso Forest District of the Ashanti Region under the Youth in Afforestation/ Reforestation Project.





**Figure 10:** Coppice management of Teak stand undertaken by Messrs. Gentle Jesus Limited in Tain II Forest Reserve, Sunyani Forest District – Bono Region

In addition, FC is partnering with Messrs. Gentle Jesus Limited, Nsoatre and Dumasua Taungya Groups to undertake coppice management within portions of fifteen (15) compartments covering 1,065 ha within Tain II Forest Reserve. A total area of 71.1 ha of coppice management was undertaken under this partnership in 2020.

### 3.1 Benefits and Incentives for Investors

In view of the challenges and risks posed by long gestation and payback periods associated with the investments in the forest plantation sector, the Government of Ghana (GoG) continues to provide some incentives and benefits to attract commercial forest plantation developers by executing a transparent Land Lease and Benefit Sharing Agreement (on-reserve), tax exemptions for importation of plants, machinery, equipment or parts of machinery that are not zero rated, grants and loans from the FPDFMB among others.

During the year under review, a total of six (6) Land Lease and nine (9) Benefit Sharing Agreements were signed with six (6) companies to undertake commercial forest plantation development covering a total area of 15,807.79 ha within degraded forest reserves. Additionally, eleven (11) companies were allocated degraded forest reserve lands in the same year. To date, a total of 357 companies and individuals have been allocated a total area of 150,714 ha for plantation development purposes within degraded forest reserves (Appendix I).

### 3.2 Development of Eucalyptus Plantations in the Savannah Region

The MoU which was signed (in December, 2019) between the Forestry Commission and a strategic investor (Greenland Resources AB of Sweden) for the development of a pulpwood plantation within 210,000 ha degraded forest lands in the Northern Savannah Zone was due for implementation in 2020. However, due to the COVID-19 travel restrictions around the world the implementation of the project has delayed.

### 3.3 Funding

The Forestry Commission through its internally generated funds provided funding for selected forest plantation activities in 2020. Furthermore, GoG through its annual budgetary support, private investors and donor partners (DPs) provided funds for forest restoration activities during the year under review. The twenty-four (24) seedlings nurseries revitalized nationwide with proceeds from the Charcoal Conveyance Fees collected by the FC continued to supply free seedlings primarily for woodlot establishment and trees-on-farm. In 2020, approximately **563,000** seedlings were produced from the 24 nurseries for distribution to individuals, schools, churches and other institutions for woodlot establishment, trees-on-farm, amenity planting, etc. Out of the quantity raised, **337,030** representing approximately 60% was distributed to the beneficiaries. A total of **4,832,343** seedlings were raised at other FSD nurseries by YAP beneficiaries apart from the model nurseries to augment seedlings supply and distribution for woodlots establishment and general landscape restoration activities.

#### 4.1 Job Creation and Livelihood Enhancement

A total of **75,379** jobs were created nationwide in 2020, in line with strategic objective three of the Ghana Forest Plantation Strategy (GFPS), which aims at generating employment through the development of forest plantations and associated industries as a means of reducing poverty and enhancing livelihoods in rural communities. Table 12 shows the summary of jobs created under the various interventions.

Table 12: Jobs - Plantation establishment and maintenance for 2020

Intervention	Type Of Job	No. Of Jobs In 2020
FC/YAP	Contract	35,000
FIP	Temporary (Contract Labour)	6,791
MTS	Temporary (3-4 years)	15,512
Private Developers	Full-Time	5,309
	Temporary	8,904
SLWMP	Temporary/ Seasonal	58
Trees-on-farms	Temporary/ Seasonal	239
FPDMFB Youth In Plantation	Temporary	300
Seedling Production (Government, Donor Private)	Temporary	3,266
<b>Total</b>		<b>75,379</b>



Figure 11: FSD Tree Nursery at the Asankragwa District Office – Western Region

Several indirect jobs such as food vending, transportation, construction and harvesting operations were created nationwide apart from the direct jobs that were created.

In 2020, a total amount of **Gh¢15,958,510.75** was paid to individuals and community groups who raised and supplied **13,405,710** tree seedlings to the various planting programmes under the National Afforestation /Re-forestation Programme (NAP) such as YAP and MTS as summarized in Table 13 (See Appendix II for details of the species). These payments contributed significantly to poverty reduction

among these groups and individuals and their households, across the country.

Table 13: Tree seedlings procured for MTS and YAP planting programmes in 2020

Component	No. Of Seedling	Amount (GHc)
MTS/YAP	13,405,710	15,958,510.75
<b>Total</b>	<b>13,405,710</b>	<b>15,958,510.75</b>

#### 4.2 ARF-NWO WOTRO Research Project - Post Project Activities

The NWO-WOTRO project which aimed at improving household income and livelihood of farmers as well as ensuring that MTS farmers stayed longer on the land beyond the food cropping period or canopy closure ended in 2019. The project output included the installation of twenty (20) beehives and establishment of experimental plots for the cultivation of grains of paradise and black pepper. Furthermore, the project trained farmers on various topics including; processing of black pepper, entrepreneurial skills development, cost and time involved in processing, packaging of black pepper and marketing skills.

Following its completion, some post project activities are being undertaken which are chalking considerable successes. During the year under review, monitoring of experimental plots of black pepper, honey and grains of paradise incorporated into MTS plantations in the Tano Offin and Asenanyo Forest Reserve respectively continued as part of post project activities aimed at learning lessons and using the information to finalize guidelines on the production of the three NTFPs in forest plantations. Monitoring and inspection of beehives was conducted in November, 2020. It was observed that three (3) out of ten (10) beehives mounted under Teak plantations had been colonized. Furthermore, two (2) mature beehives were harvested in December, 2020.



**Figure 12:** Products from the NWO-WOTRO project showcased at the Food & Business Research Final conference in the Netherlands.

Additionally, 50 kg of black pepper was harvested by the Nyamebekere No. 3 community in Mankranso. Samples of whole and processed black pepper, grains of paradise and honey were presented at the Food & Business Research Final Conference 'Scaling Insights for Sustainable Food Systems' on the 9th and 10th of December, 2020. The Plantations Unit of RMSC participated in the NWO-WOTRO virtual

conference held in the Netherlands and showcased some packaged NTFPs sent by the Unit to the Netherlands (see Figure 12).



**Figure 13:** Plantain harvested from MTS stands within Ayum Forest Reserve, Goaso Forest District – Ahafo Region

### 4.3 Food Crop Production

Food crop production through establishment of forest plantations is key to the achievement of national food security in the country. Records on food crop production estimated to the nearest tonne (t) indicated that 58,616 t was produced from the forest plantation sites especially from the MTS and Taungya sites. This achievement represents a 37.2% increase in the estimated food crop production compared to the reported figure in 2019 (36,787.5 tonnes).

Table 14 shows the summary of major food crops produced in the year under review. Appendix III provides a breakdown of the various

foodstuffs and their quantities produced in 2020. A summary of food crop production per region is shown in Table 15.

**Table 14:** Food crop production for 2020 in tonnes (t)

Food Crop	Total Production (t)
Plantain	37,655.70
Cereals (Maize, Millet, Rice)	3,837.79
Tubers (Cocoyam, Cassava, Yam)	10,498.76
Legumes (Beans, Cowpea, Groundnut, Sorghum)	313.84
Vegetables (Tomato, Pepper, Garden Eggs)	6,310.22
<b>Total</b>	<b>58,616.31</b>

**Table 15:** Summary of regional food crop production achievement (t)

Region	Total Production (t)
Ashanti	23,414.11
Bono	9,368.89
Bono East	862.40
Ahafo	4,060.94
Central	2,583.41
Eastern	2,830.35
Savannah	577.69
North East	137.54
Northern	315.96
Upper East	103.94
Western North	12,608.58
Western	1,752.50
<b>Total</b>	<b>58,616.31</b>

### 4.3 Wildfires

Wildfire outbreak constitutes one of the greatest threats to forest plantation development. To mitigate the incidences of wildfires across the country during the year under review, the following wildfire protection interventions were undertaken:

- I. Awareness creation
- II. Sensitization of forest fringe communities on fire prevention
- III. Re-training of fire volunteers by Forest Services Division (FSD) field officers and Resource Management Support Centre (RMSC) specialists and
- IV. Fire patrols by community fire volunteers, forest guards and YAP beneficiaries.

Wildfire occurrences reported across the country in the year 2020 fire season covered a total area of **9,355.7 ha** of forest plantations.

Generally, there was a significant decrease in the area affected by wildfire (51.5%) in 2020 compared with 2019 (19,286.2 ha). However, the extent of fire damage in the Eastern and North East Regions increased significantly by 59% and 78% respectively. Commendably, the Ahafo, Western, Western North and Upper West Regions recorded no fire incidence within plantations in 2020 as was the case in 2019. Additionally, reported fire incidence in the Upper East and Oti Regions reduced drastically by 98% and 94% respectively. Table 16 shows the regional summary.

Table 16: Regional summary - Extent of wildfire outbreaks in 2020

Region	Total Area Affected by Wildfire (ha)
Ashanti	7,647.1
Bono	42.4
Bono East	23.7
Ahafo	-
Central	9.3
Eastern	815.7
Greater Accra	25.4
Savannah	133.5
North East	504.0
Northern	9.5
Upper East	46.0
Upper West	-
Oti	26.6
Volta	72.5
Western North	-
Western	-
<b>Total</b>	<b>9,355.7</b>

## 5.1 Research and Development

### 5.1.1 Genetic Improvement of forest plantation species

Provenance and spacing trials being undertaken by the two large-scale private forest plantation developers under the PPP module, FORM Ghana Limited and Miro Forestry (Ghana) Limited, continued in the year under review. Data from these trials are being analysed to determine the best planting material and optimal espacement for future plantings.

Maintenance of the seed orchards of Gmelina, Teak, Eucalyptus, Gliricidia and Cedrela established under the ELCIR+ Project (FIP) with procured seeds from Costa Rica and Tanzania was undertaken across the project area. The seedlings were observed to have superior phenotypic characteristics.

### 5.1.2 Rosewood Plantation Trials

The Rosewood trial plantations being piloted across four (4) ecological zones (Northern Savannah, Dry Semi-Deciduous Fire Zone, Dry Semi-Deciduous Inner Zone and Moist Semi-Deciduous) in Ghana, is aimed at studying the growth dynamics of the plant and the feasibility of establishing large scale commercial plantation across the country. In May 2020, a total area of 7 ha was jointly planted by the RMSC and the FSD district offices in Yendi (Kumbo F/R – 2 ha), Bole (Kenikeni F/R – 2 ha), Lawra (Nuale F/R – 1 ha) and Kintampo (Bosomoa F/R – 2 ha) with seedlings largely supplied by the RMSC satellite station in Tamale.

An assessment conducted in November, 2020 on the on-going nationwide rosewood trial plantation establishment revealed that, a cumulative total area of 87.2 ha has been verified planted compared with the 96.8 ha reported (Table 17). The forest districts visited include Nkawie, Offinso, Sunyani, Kintampo, Bole, Buipe, Tamale and Yendi. Ashanti Region has the largest area of Rosewood plantation (51.35 ha representing 58.9% of the nationwide achievement), followed by the Savannah Region with an area of 14.21 ha (representing 16%) planted. The region with the least area planted is Bono which has 4.6 ha verified planted, representing 5% of the nationwide achievement.

Some of the stands were a mixture of rosewood and other species such as Teak, Mansonia, Mahogany and Cedrela as shown in Table 17.

Table 17: Mixed species stands of Rosewood

Region	Forest District	Forest Reserve	Compartment / Series	Area Planted (ha)	Species Planted
Ashanti	Nkawie	Asenanyo	26	24.75	Rosewood, Mansonia, Cedrela
Ashanti	Offinso	Afram Headwaters	5	3.73	Rosewood, Teak
Ashanti	Offinso	Asubima	33	8.68	Rosewood, Teak
Bono East	Kintampo	Bosomoa	109	7.17	Rosewood, Teak
Bono	Sunyani	Yaya	38	4.60	Rosewood, Teak
Savannah	Bole	Kenikeni	Grupe	3.95	Rosewood, Teak
<b>Total</b>			<b>52.88</b>		

Overall, survival was high, ranging from 63.8% to 97.2% as observed during the nationwide assessment with an average survival of 80.4%. Table 18 presents a regional summary of targets and achievements under FSD Rosewood Plantation Trials.

*Table 18: Regional summary of targets and achievements – African Rosewood plantation trials*

Region	Target	Area Reported (ha)	Area Verified (ha)	Variance (ha)	Variance (%)
<b>Ashanti</b>	24.0	54.0	51.35	-2.65	-5%
<b>Bono</b>	4.0	4.0	4.6	0.6	15%
<b>Bono East</b>	8.0	19.0	12.57	-6.43	-34%
<b>Savannah</b>	16.0	15.0	14.21	-0.79	-5%
<b>Northern</b>	8.0	4.8	4.44	-0.36	-7%
<b>TOTAL</b>	<b>60.0</b>	<b>96.8</b>	<b>87.17</b>	<b>-9.63</b>	<b>-10%</b>



*Figure 14: Rosewood seedling nursery inspection at the Yendi District during the 2020 monitoring visit to African Rosewood trial sites*



*Figure 15: African Rosewood trial stand in Bosomoa Forest Reserve, Kintampo Forest District – Bono East Region*





A 12-year old Cedrela plantation established by Samartex Timbers and Plywood Limited in the Tano Nimri FR, Enchi Forest District - Western North Region

### 5.1.3. Germination Trials at Mesewam Nursery

Germination and viability tests for Rosewood (*Pterocarpus erinaceus*) is on-going. In 2020, germination test was conducted on 7,135 rosewood seeds at the Mesewam nursery managed by the RMSC, to determine the percentage germination under different cold-water treatments. Out of the 3,047, 2,518 and 1,070 seeds soaked for 24hrs, 48hrs and 72hrs, 15.6%, 20.3% and 15.4% respectively germinated. For the seeds sowed dry as control experiment (500 seeds), only 50 representing 10% germinated.

Soaking and shading have been identified as conditions that tend to have a favourable impact on germination of Rosewood seeds. However, the optimum soaking regime and shading levels need further investigation. Lessons learnt from several trials on-going across the country will be consolidated into standard protocols for the propagation of Rosewood, to achieve the objective of embarking on a large-scale commercial plantation development.

### 5.1.4 Permanent Sample Plots

Unlike the previous year where four (4) Permanent Sample Plots (PSPs) were established in the Ashanti Region, in 2020, five (5) PSPs with dimension 60m x 60m were established by the RMSC in the Western and Western North Regions. Baseline data for the five (5) plots have been captured to aid future monitoring of the plots. Table 18 provides information on the forest reserves with PSPs:

Table 19: Permanent Sample Plots within Forest Plantations

FOREST DISTRICT	FOREST RESERVE	COMPARTMENT NO.	TREE SPECIES	PLOT DIMENSION
Tarkwa	Nkotoben	11	Ofram	60m x 60m
Sefwi Wiawso	Suhuma	6	Wawa	60m x 60m
Sefwi Wiawso	Sui River	53	Cedrela	60m x 60m
Juaboso	Krokosua Hills	283 & 40	Gmelina & Cedrela	60m x 60m

The large-scale private plantation developers have also established several PSPs within their respective plantations to monitor growth and species suitability. For example, Miro Forestry Ghana Limited has established 51 PSPs in Boumfum, Chirimfa and Awura Forest Reserves and Form Ghana Limited, 444 PSPs in Asubima Forest Reserve.

#### 5.1.4.1 Jimira Research Plots

Data collection on diameter at breast height (dbh) and total height for growth analyses and monitoring in all the research plots is on-going. Furthermore, maintenance of the 8 ha field trial plot, the clonal seed orchard and coppice stands in the Jimira Forest Reserve were undertaken in 2020. Data collection on all plots are underway for growth analysis.

#### 5.1.4.2 Establishment of Experimental Plots

Data collection within the ten (10) PSPs laid in Newmont Golden Ridge Limited's (NGRL) Reforestation Offset Project site in the Kwekaru Forest Reserve continued in 2020. Table 20 indicates the statistics on plant survival and growth dynamics obtained from the analysis.

Table 20: Plant survival and growth dynamics in NGRL's reforestation site

Coupe	Average dbh (cm)	Average height (m)	% Survival
2016	12	8.8	88.0
2017	12	7.0	73.7

### 5.1.5 Research Activities Undertaken by FORIG

Data collection is ongoing in the PSPs established by FORIG in the six (6) forest reserves where FC-Industry is developing forest plantations. The purpose for establishing those PSPs is to monitor tree growth in the FC-Industry reforestation area. Measurements of tree growth (diameter and height) are recorded annually.

Additionally, data collection on the temporary experimental plots established at various sites for the specific objectives stated below are ongoing:

■ **Comparing growth of Terminalia superba and Cedrela odorata across a climatic gradient (in Moist Semi-deciduous (South East and North West sub-types) and Dry Semi-deciduous zones) in the Asenanyo, Opro River, Mankrang River, Esen Epam, and Pra Anum Forest Reserves**

► *Aims at comparing the growth rates of Ofram, Terminalia superba (indigenous) and Cedrela odorata (exotic) grown in plantations at three ecological zones (following a climatic gradient) in Ghana. The extent to which climate and soil affect the rate of growth is also being examined.*

### 5.2 Forest Trees Registration in Cocoa farms

Following the successful piloting of the tree registration form, the RMSC with support from Rainforest Alliance undertook a tree registration exercise to capture all trees-on-farm and farmer information within the RA-Olam landscape in the Sefwi Wiawso, Akontombra and Bodi Districts. The following activities were undertaken:

1. Training of FC and RainForest Alliance staff, farmers and local community representatives in tree registration and validation of the tree data using paper and web-based applications
2. Testing of tree registration procedure and
3. Validating tree registration information collated by Rainforest Alliance

Validation was conducted on a total of 139 cocoa farms planted with indigenous trees. The farms were selected from 19 communities including; Ahokwaa, Datano, Bowobra, Suhyenso, Bosomoiso, Penakrom, Futa, Old Adiembra, Bopa, Asiekrom, Bopa Nkwanta, Wuruwuru, Nkwadum, Asantekrom, Asanteman, Kama, Kwafukaa, Besibema and Nsawora.

### 5.3 Training and Capacity Building

#### 5.3.1 World Teak Conference 2020

The preparation towards the WTC 2020 was progressing steadily until the outbreak of the COVID-19 pandemic, which led to the postponement of the conference. As at the end of the first quarter of 2020, the following activities had been undertaken;

1. Recommendation on accommodation for participants finalized and information sent to Teaknet for inclusion on the conference website

2. Deadline for submission of abstracts was closed and the scientific committee commenced the review of the abstracts

3. Medium for registration and payment of fees had been developed and payments progressing smoothly

4. Request for sponsorship from institutions was progressing steadily. At the end of March 2020, the LOC had received support from nine (9) organizations.

### **5.3.2 The NWO-WOTRO Tree Farm Research Project**

As part of the post NWO ARF WOTRO Project activities, a team from RMSC trained some of the Nyamebekyere No.3 community farmers (Unity Black Pepper Growers Association) at Mankranso in the processing of raw black pepper into powdery form, packaging and labelling of the products. Products (both grains and powder) from the project were exhibited at a conference in the Netherlands at the request of the NWO-WOTRO Science for Global Development for NTFPs (Grains of paradise, black pepper and honey) team. The NTFPs were thus collected from the project sites at Akwaburaso and Mankranso. Subsequently, the NWO ARF WOTRO Tree Farm Project activities are being mainstreamed into RMSC activities.



Black pepper fruit

During the reporting year, consultative discussions were held with various stakeholders in the development and management of forest plantations nationwide. Under the various plantation development modules, stakeholders including MTS Farmer Groups, Landowners and beneficiaries of the YAP Project and private plantation developers were engaged in several meetings to discuss issues relating to plantation forestry in Ghana.

The Forestry Commission disbursed a total amount of **Gh¢6,330,795.40** from plantation timber revenue and other related statutory payments to various stakeholders in 2020 as presented in Table 21. Forty-six (46) MTS farmer groups and 46 local communities received **Gh¢1,355,499.47** as their share of revenue from sale of plantation timber harvested from MTS stands. A detailed breakdown of MTS disbursements for the reporting period is found in Appendix IV.

*Table 21: Disbursement of forest plantation revenue – 2020*

Source of Revenue	Amount Disbursed (GH¢)	Beneficiaries/Stakeholders (GH¢)				
		OASL	MTS Groups	Landowners	Local Communities	MMDAs
MTS (Timber)	3,388,749.20	-	1,355,499.47	508,312.28	169,437.36	-
FC Plantation (Timber)	1,070,122.49	107,012.25	-	433,399.61	-	529,710.63
Ground Rent (Private Plantations On-Reserve)	969,417.86	96,941.79	-	392,614.23	-	479,861.84
Private Plantations (Timber)	427,155.75	42,715.58	-	288,330.13	96,110.04	-
Facilitation Fees	289,735.72	-	-	289,735.72	-	-
SRA	185,614.38				185,614.38	
<b>Total</b>	<b>6,330,795.40</b>	<b>246,669.62</b>	<b>1,355,499.47</b>	<b>1,912,391.97</b>	<b>451,161.78</b>	<b>1,009,572.47</b>

In 2020, a total of 149 Social Responsibility Agreements (SRAs) were signed with 116 communities in respect of plantation timber allocated for thinning/harvesting. A total sum of **Gh¢185,614.38** was paid upfront to the beneficiary communities by 77 companies in the year under review as stated in Table 19.

The review of the consolidated forest plantations Manual of Operation (MoP) A, B and C under the ENFAL Project of FIP, is at the final stages of completion. Further consultative workshops were organized for some key FC staff and comments discussed are yet to be incorporated and finalized. Also, Section 4 (Maintenance and Protection) and Section 5 (Pre-Harvesting, Harvesting and Post-Harvest Operations for Plantations) will be reviewed with information gathered from the ongoing FSD/FAO Project aimed at improving the chain of custody procedures and processes for forest plantation harvesting. Additionally, the review of the MoP for Enrichment Planting is nearing completion.

The total volume of plantation timber harvested from on-reserve and off-reserve stands in 2020 is presented in this section.

### 7.1 Plantation Timber Production in 2020

A total volume of **124,790.1 m<sup>3</sup>** plantation timber was harvested in 2020; 71,996.8 m<sup>3</sup> extracted from on-reserve and 52,793.3 m<sup>3</sup> from off-reserve plantations. The volume of plantation timber harvested on-reserve increased steadily between 2018 (56,789.4 m<sup>3</sup>) and 2019 (74,418.6 m<sup>3</sup>) but saw a slight decline in 2020. However, plantation timber harvested off-reserve declined over the period; 95,043.9m<sup>3</sup> and 75,506.3m<sup>3</sup> for 2018 and 2019 respectively.

The summary of plantation timber production in 2020 has been provided in Table 22. Out of the total volume harvested on-reserve, Teak contributed 82.3% of total harvested volume, followed by Cedrela (14.9%), Gmelina (1.6%) and other species (1.2%). No plantation timber harvesting operation on-reserve was undertaken in the Greater Accra, Upper East, Upper West, Northern, North East, Savanna and Western Regions.

Table 22: Volume of plantation timber (m<sup>3</sup>) harvested on-reserve in 2020

REGION	ON-RESERVE				TOTAL m <sup>3</sup>
	SPECIES				
	TEAK	CEDRELA	GMELINA	OTHERS	
<b>Ahafo</b>	2,969.8	1,764.1	170.4	-	4,904.3
<b>Bono</b>	9,215.7	-	-	-	9,215.7
<b>Bono East</b>	937.1	-	-	-	937.1
<b>Ashanti</b>	36,058.8	1,586.4	106.3	152.2	37,903.6
<b>Central</b>	-	330.7	-	29.7	360.4
<b>Eastern</b>	4,649.9	3,755.8	890.2	91.5	9,387.5
<b>Volta</b>	98.1	-	-	-	98.1
<b>Oti</b>	1,924.0	-	-	-	1,924.0
<b>Western North</b>	3,385.4	3,270.2	-	610.6	7,266.1
<b>TOTAL</b>	<b>59,238.8</b>	<b>10,707.2</b>	<b>1,166.9</b>	<b>884.0</b>	<b>71,996.8</b>

The total plantation timber harvested off-reserve in 2020 was 52,793.3 m<sup>3</sup> as presented in Table 23. As has been the observed trend, Teak was the main timber species harvested from off-reserve plantations, accounting for 91.9% of total harvested volume. There was no harvesting operation from off-reserve plantations in the Greater Accra, North East, Savanna, Upper West and Upper East Regions.

Table 23: Volume of plantation timber (m<sup>3</sup>) harvested off-reserve in 2020

OFF-RESERVE					
REGION	SPECIES				TOTAL m <sup>3</sup>
	TEAK	CEDRELA	GMELINA	OTHERS	
Ahafo	4,931.0	270.7	-	-	5,201.7
Bono	10,669.5	-	569.0	-	11,238.5
Bono East	13,114.6	-	-	8.7	13,123.3
Ashanti	11,504.3	946.8	491.3	-	12,942.4
Central	567.4	159.1	-	-	726.5
Eastern	1,941.8	548.7	-	-	2,490.5
Volta	164.9	-	-	-	164.9
Oti	3,476.7	-	-	-	3,476.7
Western	1,223.0	1,269.2	-	-	2,492.2
Western North	577.6	-	-	-	577.6
Northern	359.0	-	-	-	359.0
<b>TOTAL</b>	<b>48,529.8</b>	<b>3,194.5</b>	<b>1,060.3</b>	<b>8.7</b>	<b>52,793.3</b>

## 7.2 Value Addition and Export of Forest Plantation Timber

Teak, Cedrela and Gmelina were the main plantation timber species exported. A large portion of these species were exported as primary or secondary wood products (mainly poles, billets and air-dried lumber). India remains the key export destination for Teak and Gmelina. Veneer, mouldings, furniture parts and parquet flooring were the other forest plantation timber products.

### Proportion of plantation Timber Export Over The Last 14 Years (2007 -2020)

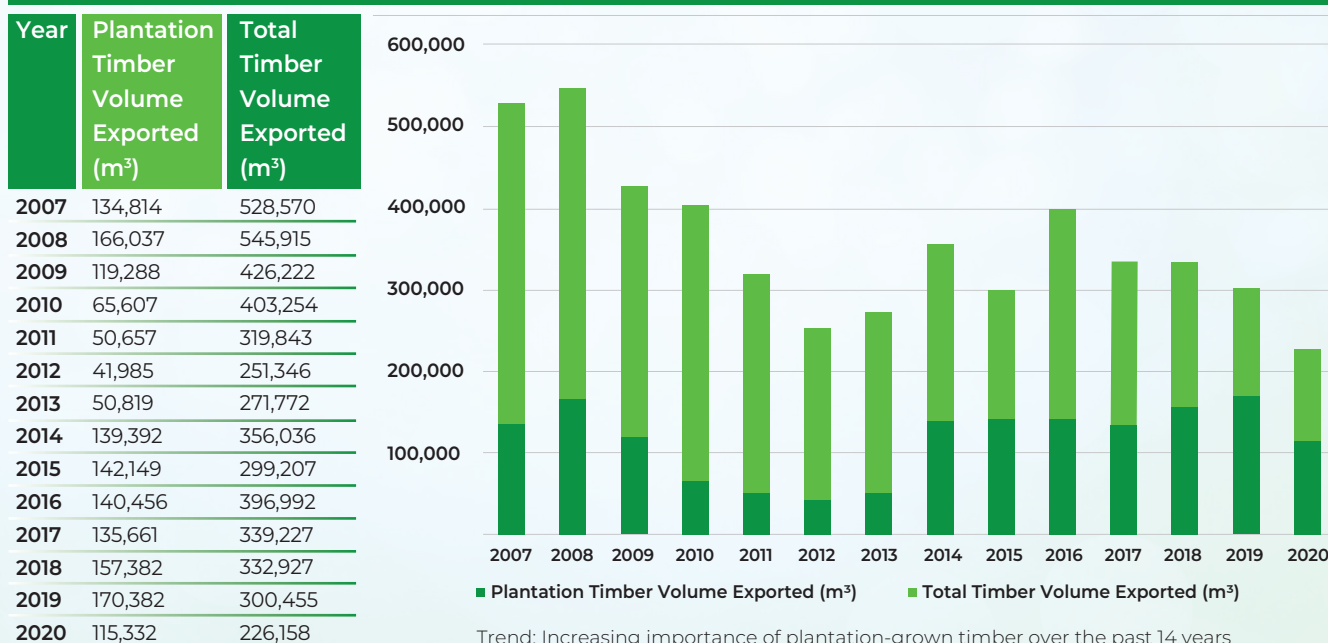


Figure 16: Relative contribution of forest plantations to total export of timber and wood products (2007 - 2020)

In 2020, plantation timber accounted for 51% (decline of 6 percentage points from the 2019 figure) of total volume of timber and wood product exports equivalent to 45% of the total export value of **€116,150,310.32**.

Public sector investments in forest plantation development amounted to GH¢ 255,760,071.03 in 2020. Out of this, Government of Ghana (GoG) provided GH¢ 249,605,208.86 representing 97.6% of the total expenditure, whereas donor project-based support contributed GH¢ 6,154,862.17 which accounted for 2.4%. The foregoing analysis excludes private sector investments in forest plantation development since such data was not readily available at the time of putting together this report.

Revenue received by FC from plantation timber harvested on-reserve amounted to GH¢ 11,273,690.82. These revenues were generated from state-owned forest plantation stands and the share of revenue received by FC from Private Plantations and MTS stands intended for onward disbursement to relevant stakeholders.

On the other hand, the value of timber harvested from off-reserve areas (GH¢ 20,252,138.35) was estimated using FC's standing timber prices, which are well below market average.

Table 24 summarises the public sector expenditure and revenue flows over the period under review.

*Table 24: Plantation expenditure and revenue – 2020*

EXPENDITURE AND REVENUE ANALYSIS					
Expenditure (GH¢)		Total Expenditure (GH¢)	Revenue (GH¢)		Total Revenue (GH¢)
GoG	Projects		On-Reserve	Off-Reserve	
249,605,208.86	6,154,862.17	255,760,071.03	11,273,690.82	20,252,138.35	31,525,829.17

<sup>1</sup> Off-reserve revenues were estimated based on reported production volumes and average standing tree value. This represents estimated revenue from private plantations. It does not include other fees such as export levies and conveyance fees paid to the FC



The major challenge encountered during the reporting period was the impact of the emergence of the COVID-19 pandemic on the development and management of forest plantations. As a result of the protocols introduced by the government to control the spread of the virus in the country, including partial lockdown and social distancing measures, plantation field operations were limited particularly during the second quarter of the year. This occurrence contributed to the revision of the annual plantation establishment target from 25,000 ha to 20,000 ha.

In addition, the general global market downturn attributable to the COVID-19 pandemic directly resulted in the lower-than-envisaged exports of plantation timber products especially to India, leading to job losses and operational difficulties for timber companies and loss of revenue to the government.

The following additional challenges also affected operational activities during the reporting period:



**Figure 17:** *Illegal mining within teak plantations established by Ziis Co. Ltd. under PPP in Jimira Extension Forest Reserve, Nkwawie Forest District – Ashanti Region*

#### Public Sector:

1. The absence of an appropriate legal regime for the development and management of forest plantations is a major disincentive to the growth of the forest plantation industry in Ghana.
2. Inadequate funding and lack of commitment of MTS farmers to undertake maintenance of established forest plantations.
3. Limited logistics (vehicles, motorbikes, GPS, etc.) for field operational activities.

4. Limited resources (funds and logistics) to control wildfires, usually intensified by activities of free-range cattle herders (Fulani herdsmen) and illegal farmers within forest reserves.
5. Destruction of established plantations both on and off-reserve through illegal mining (galamsey) activities.
6. Inadequate funds to transport YAP beneficiaries to planting sites within forest reserves that are usually far away from their residences.

### **Private Sector:**

1. Delay in the stock assessment and monitoring of harvesting of medium to large-scale private plantations with its associated cost (human and logistics) implications impacted negatively on private plantation development;
2. Resistance of illegal farmers to vacate sites allocated to private commercial plantation developers in forest reserves poses difficulties for plantation establishment by large scale developers;
3. Difficulties associated with the acquisition of secure land in off-reserve areas for forest plantation development as a result of other competing land uses, e.g., commercial agriculture, infrastructure development etc, and complexities with traditional land tenure arrangements;
4. Operational/ financial difficulties due to limited opportunities for leasing of equipment/ machinery and inability of several private developers to access long-term capital for forest plantation development; and
5. Persistent occurrence of annual wildfires, usually aggravated by activities of free-range cattle herders (Fulani herdsmen) and illegal farmers.



Burnt scars of wildfire in the North Bandai Hills Forest Reserve  
in the Juaso Forest District - Ashanti Region

Implementation of the National Afforestation/ Reforestation Programme has served as a major government-initiated approach for attainment of the objectives of the GFPS. Since 2018, The FC has consistently exceeded the annual forest plantation development target for the public sector under the GFPS through implementation of NAP.

The inability of the country to fully attain its annual forest plantation development target (both public and private) is attributable to the lower-than-expected performance of the private sector. Although, large areas have been allocated to private developers in forest reserves for plantation development, issues such as inadequate access to capital for investment in forest plantations has impacted on the capacity of some of the small and medium-scale forest plantation developers to attain their annual planting targets. It is however envisaged that the development of a legal framework for forest plantation development could create a secure enabling environment which could catalyse investment of much-needed private funds for forest plantation establishment in Ghana.

Other challenges identified during the reporting period include insufficient maintenance of established forest plantations due to inadequate funding and the lack of commitment of some MTS farmers to tend their established plantations.

In addition, large areas of plantations established by the private sector under the erstwhile NFPDP are being progressively thinned or harvested. It has therefore become apparent that the Forestry Commission must review its operational procedures and guidelines governing plantation timber harvesting to enable it to efficiently handle the huge volumes that will be extracted from these plantations.

The following actions will therefore be critical towards addressing the identified challenges within the forest plantation sub-sector:

### **1. Drafting and Promulgation of the Forest Plantations Act**

As recommended in the GFPS, the Forestry Commission should initiate processes towards the drafting and promulgation of the Forest Plantations Act. The Act will provide a solid legal basis for the regulation and development of forest plantations in Ghana. It should cover the following:

- I. Allocation of Degraded Forest Reserve Land for private plantations on-reserve;
- II. Land Lease and Benefit Sharing Agreement/ Arrangements;
- III. Allocation of Timber Rights from Government/ FC forest plantations;
- IV. Chain of Custody for Plantation Timber;
- V. Timber price determination and revenue sharing for plantation timber from Government/ FC Plantations;
- VI. Incentives and Benefits for Forest Plantation Investors;
- VII. Sustainable and Innovative Financing Mechanisms for forest plantation development.

## **2. Consultative Review of the Implementation Framework for the Modified Taungya System**

The Modified Taungya System (MTS) has been implemented in Ghana since 2002. During this period, a number of lessons have been learnt while challenges have been noted in the implementation of this planting strategy. A key issue that has been noted over the years has been the inadequate maintenance of established plantations, particularly after tree canopy closure when agricultural cultivation becomes impractical. Other challenges noted include the deliberate destruction of planted tree seedlings by farmers and wildfire incidences attributable to unsustainable farming practices by the MTS farmers. In addition, there has been reported incidences of late demarcation of sites and late supply of seedlings by FSD to the planting sites. It is therefore recommended that the Forest Services Division convene consultative multi-stakeholder discussions with an aim of reviewing the MTS to effectively address the bottlenecks and challenges identified with this planting approach.

## **3. Approval and Implementation of Recommended Actions from FAO-Sponsored Forest Plantations Chain of Custody Project**

As part of measures to streamline the prevailing Chain of Custody (CoC) systems associated with forest plantation timber to ensure a more investor-friendly forest plantation industry, the FAO EU FLEGT Programme has provided support to the Forest Services Division to implement the project titled: 'Assessing the Chain of Custody and Improving Efficiency in Permit Issuance for Plantation Timber Using the Case of Private and Public Forest Plantations in Ghana'. Under the project, field work has been undertaken to determine Form and Conversion Factors of the major forest plantation timber species in Ghana (Teak, Cedrela, Eucalyptus and Gmelina). Multi-stakeholder consultative discussions and studies are also currently ongoing to develop Guidelines for Plantation Timber Harvesting (GPTH). The GPTH will prescribe recommended roles, responsibilities and processes along the entire plantation timber supply chain with an objective of addressing inefficiencies in the CoC systems and procedures associated with forest plantation timber. It is envisaged that the Forestry Commission will endorse the recommendations from the project for immediate implementation to address any inefficiencies relating to the current CoC system for plantation timber.

## **4. Nationwide Inventory of Forest Plantations**

An estimated total area of 200,000 ha of forest plantations has been reported established in Ghana since 2002. A nationwide inventory of these plantations will provide comprehensive information on the growth rate, survival, current and projected yield and carbon sequestration of the established forest plantations. The inventory exercise will therefore enable the Forestry Commission to determine appropriate silvicultural treatments and management prescriptions for forest plantations in the country to ensure its optimal growth and yield.

## **5. Control of Wildfires**

The destructive impacts and causes of annual wildfires in Ghana have been well-documented in previous GFPS Reports. As a matter of priority, the Forestry Commission and other relevant stakeholders should be supported to implement required strategies to control and prevent wildfire occurrences within natural stands and forest plantations. Uncontrolled wildfires represent one of the biggest threats to the massive investment being made in the development of forest plantations in the country. This phenomenon in many cases is caused by the activities of free-range cattle herders.

## **6. Support for Plantation Research and Species Trial**

The Resource Management Support Centre and the Forest Services Division should be given adequate resources to scale up research and field trials on fast-growing tree species, planting of indigenous tree species and incorporation of shade-loving non-timber forest products and crops within forest plantations.

NO.	COMPANY NAME	REGION	DISTRICT	FOREST RESERVE	COMPARTMENT/ SERIES	AREA ALLOCATED (Ha)	AREA PLANTED -2020 (ha)	PREVIOUS AREA PLANTED (ha)	AREA PLANTED TO DATE (ha)	AREA REMAINING TO BE PLANTED (ha)	SPECIES PLANTED	DATE OF APPROVAL/ALLOCATION
1	Addai Brothers Lumber Company Limited	Ashanti	Juaso	Bandai Hills	16	128.0	0.0	57.0	57.0	71.0	Teak	31st January, 2001
2	Agogo Church of Pentecost	Ashanti	Juaso	Bandai Hills	6, 8	205.6	0.0	31.0	31.0	174.6	Teak	5th February, 2001
3	Awuni Brothers Limited	Ashanti	Juaso	Bandai Hills	45	86.6	0.0	10.0	10.0	76.6	Teak	15th April, 2015
4	St. Augustine's Catholic Church (Agogo Roman Catholic Church)	Ashanti	Juaso	Bandai Hills	14	130.9	0.0	60.0	60.0	70.9	Teak	-
5	Agogo Saviour Church	Ashanti	Juaso	Bandai Hills	55	135.2	0.0	45.0	45.0	90.2	Teak	-
6	Apostle Nicholas Appiah Missah & Children	Ashanti	Juaso	Bandai Hills	1	131.3	0.0	9.0	9.0	122.3	Teak	13th June, 2013
7	The Apostolic Church - Ghana	Ashanti	Juaso	Bandai Hills	68,69	256.0	0.0	50.0	50.0	206.0	Teak	30th August, 2007
8	Beam Trendz Enterprise	Ashanti	Juaso	Bandai Hills	59	125.7	0.0	0.0	0.0	125.7	N/A	14th April, 2015
9	Bontodiase Company Limited	Ashanti	Juaso	Bandai Hills	40	160.6	0.0	0.0	0.0	160.6	N/A	13th May, 2015
10	CEPACOD (Center for Poverty Alleviation and Community Development)	Ashanti	Juaso	Bandai Hills	47	128.0	0.0	40.0	40.0	88.0	Teak	10th August, 2006
11	Dr. Kwabena Twum - Nuamah	Ashanti	Juaso	Bandai Hills	61	103.3	0.0	0.0	0.0	103.3	N/A	4th November, 2014
12	Emmanuel K. Kyei Company	Ashanti	Juaso	Bandai Hills	38	128.0	0.0	12.0	12.0	116.0	Teak	6th October, 2015
13	Elder Sampson Yeboah & Frank Aboagye	Ashanti	Juaso	Bandai Hills	7	106.1	0.0	8.0	8.0	98.1	Teak	13th June, 2013
14	Gyima & Co. Farms Ltd	Ashanti	Juaso	Bandai Hills	15, 26	269.4	0.0	70.0	70.0	199.4	Teak	5th February, 2001
15	Hon. Kwadwo Baah Agyemang	Ashanti	Juaso	Bandai Hills	64	128.0	0.0	0.0	0.0	128.0	N/A	29th August, 2016
16	Hon. Patrick Boamah	Ashanti	Juaso	Bandai Hills	60	128.0	0.0	0.0	0.0	128.0	N/A	30th August, 2016
17	Isaac Owusu Farms	Ashanti	Juaso	Bandai Hills	28	148.0	0.0	20.0	20.0	128.0	Teak	12th December, 2011
18	K&P Farms (Nana Kwadwo Poku Bonsu)	Ashanti	Juaso	Bandai Hills	56	162.0	0.0	0.0	0.0	162.0	N/A	19th December, 2011
19	Kate Konamah & Company Limited	Ashanti	Juaso	Bandai Hills	41	133.2	0.0	30.0	30.0	103.2	Teak	12th December, 2011
20	Kwame Kyei Enterprise	Ashanti	Juaso	Bandai Hills	11	128.0	0.0	10.0	10.0	118.0	Teak	9th December, 2014
21	Kwame Kyei Farms	Ashanti	Juaso	Bandai Hills	62	117.2	0.0	20.0	20.0	97.2	Teak	19th December, 2011
22	Lawyer Andy Appiah Kubi	Ashanti	Juaso	Bandai Hills	53	161.5	0.0	0.0	0.0	161.5	N/A	6th December, 2016
23	M'akaddesh Printing Press and Farms	Ashanti	Juaso	Bandai Hills	72	204.7	0.0	45.0	45.0	159.7	Teak	21st August, 2006
24	Mapad Enterprise	Ashanti	Juaso	Bandai Hills	27	163.4	0.0	100.0	100.0	63.4	Teak	17th October, 2006
25	Mar Enterprise	Ashanti	Juaso	Bandai Hills	9	128.0	0.0	10.0	10.0	118.0	Teak	21st October, 2016
26	Me Dwene Meho Enterprise	Ashanti	Juaso	Bandai Hills	58	106.9	0.0	10.0	10.0	96.9	Teak	9th December, 2014
27	Mr. Otuo Serebour	Ashanti	Juaso	Bandai Hills	63	120.6	0.0	55.0	55.0	65.6	Teak	14th May, 2012
28	Nana Akuoku Sarpong Farms	Ashanti	Juaso	Bandai Hills	20, 21, 22, 23	689.8	0.0	82.5	82.5	607.3	Teak	5th February, 2001
29	Skynet London Limited	Ashanti	Juaso	Bandai Hills	24		0.0	0.0	0.0	0.0	N/A	17th December, 2019

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30	Obebew Ventures	Ashanti	Juaso	Bandai Hills	46 (portion)	15.0	0.0	15.0	15.0	0.0	Teak	10th March, 2005
31	O.B Pansas	Ashanti	Juaso	Bandai Hills	3	128.0	0.0	0.0	0.0	128.0	N/A	18th March, 2016
32	Oppong-Mensah Enterprise	Ashanti	Juaso	Bandai Hills	70	128.0	0.0	10.0	10.0	118.0	Teak	18th December, 2007
33	Opuni Robert Enterprise	Ashanti	Juaso	Bandai Hills	39, 65	270.1	0.0	12.0	12.0	258.1	Teak	21st April, 2015
34	Pascal Gaye	Ashanti	Juaso	Bandai Hills	29	80.0	0.0	55.0	55.0	25.0	Teak	24th February, 2009
35	Professor Agyeman Badu Akosa	Ashanti	Juaso	Bandai Hills	66	120.0	0.0	10.0	10.0	110.0	Teak	29th March, 2007
36	Samrose Company Limited	Ashanti	Juaso	Bandai Hills	12	128.0	0.0	26.0	26.0	102.0	Teak	13th March, 2007
37	Tabiri Commercial Plantation Enterprise	Ashanti	Juaso	Bandai Hills	10	128.0	0.0	0.0	0.0	128.0	N/A	21st October, 2016
38	Tropical Farm Estates Limited	Ashanti	Juaso	Bandai Hills	Parts of 48 & 51	14.6	0.0	14.6	14.6	0.0	Teak	31st January, 2001
39	E. K. Kyei Company Ltd	Ashanti	Juaso	Bandai Hills	37	128.0	0.0	0.0	0.0	128.0	N/A	
40	AT Company Limited	Ashanti	Juaso	Dome River	32	128.0	0.0	0.0	0.0	128.0	N/A	27 <sup>th</sup> April, 2016
41	ASAQ Global Investments & Consultants	Ashanti	Juaso	Dome River	9	65.4	10.0	10.0	20.0	45.4	Teak	6th October, 2015
42	Benakuf Timber and Trading	Ashanti	Juaso	Dome River	30	49.2	0.0	28.0	28.0	21.2	Teak	9th December, 2002
43	Dakab Consult	Ashanti	Juaso	Dome River	5	128.0	0.0	0.0	0.0	128.0	N/A	17th November, 2017
44	Double Ben Construction Ltd	Ashanti	Juaso	Dome River	15	131.6	0.0	35.0	35.0	96.6	N/A	18th November, 2017
45	Double Ben Construction Ltd	Ashanti	Juaso	Dome River	21	43.7	0.0	43.7	43.7	0.0	N/A	22nd September, 2009
46	D.T.K Timbers	Ashanti	Juaso	Dome River	Portion of 35	128.0	5.0	90.0	95.0	33.0	Teak, Cedrela	16th July, 2004
47	Yabaak Citadel Ltd	Ashanti	Juaso	Dome River	37	128.0	5.0	19.8	24.8	103.2		24th November, 2017
48	Juaso Traditional Authority	Ashanti	Juaso	Dome River	25,27	250.0	0.0	190.0	190.0	60.0	Wawa, Manzonnia, Mahogany, Ofram, Emire	28th April, 2003
49	KAMVIS Company Limited	Ashanti	Juaso	Dome River	19	125.0	0.0	12.0	12.0	113.0	Teak	16th April, 2003
50	K. Green Global	Ashanti	Juaso	Dome River	20	116.9	0.0	0.0	0.0	116.9	N/A	10th December, 2013
51	Kwame Bi Kuffour	Ashanti	Juaso	Dome River	39	128.0	0.0	30.0	30.0	98.0	Teak	11th August, 2003
52	Konam Ventures	Ashanti	Juaso	Dome River	12	122.0	0.0	0.0	0.0	122.0	N/A	13th March, 2014
53	LI-Chan Enterprise Gh. Ltd	Ashanti	Juaso	Dome River	10	134.6	0.0	13.0	13.0	121.6	Teak	9th Dec. 2002
54	Margaret Campbell	Ashanti	Juaso	Dome River	46	114.6	0.0	7.7	7.7	106.9	Teak	16th March, 2011
		Ashanti	Juaso	Dome River	41	128.0	0.0		0.0	128.0	N/A	2nd February, 2015
55	PIDECK Co. Ltd	Ashanti	Juaso	Dome River	40	125.0	0.0	11.2	11.2	113.8	Teak	9th April, 2003
					45	125.0	0.0	0.0	0.0	125.0	N/A	25th June, 2003
56	Premier Solutions Limited	Ashanti	Juaso	Dome River	33	32.6	0.0	22.1	22.1	10.6	N/A	10th December, 2013
					13	114.2	25.0	0.0	25.0	89.2	Teak	
57	Talento Wood Processing Enterprise	Ashanti	Juaso	Dome River	29	135.5	0.0	40.0	40.0	95.5	Teak	12th May, 2005

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58	Wukupomaa Export and Import Company Limited	Ashanti	Juaso	Dome River	44	139.4	0.0	15.0	15.0	124.4	Teak	10th August, 2005
59	Y & M Regeneration Ltd	Ashanti	Juaso	Dome River	22	118.7	0.0	18.0	18.0	100.7	Teak	17th September, 2009
60	Apostiga Company Limited	Ashanti	Juaso	Mirasa Hills	12,13,19	378.2	6.0	270.0	276.0	102.2	Teak	20th March, 2003
61	Beige Leaf Limited	Ashanti	Juaso	Mirasa Hills	18	128.0	0.0	0.0	0.0	128.0	N/A	8th December, 2011
62	Lexmax Investments	Ashanti	Juaso	Mirasa Hills	11	128.0	0.0	0.0	0.0	128.0	N/A	25th July, 2016
63	Logwood Industries Limited	Ashanti	Juaso	Mirasa Hills	3	128.0	0.0	10.0	10.0	118.0	Teak	24th February, 2003
					7	128.0	0.0	0.0	0.0	128.0	N/A	23rd February, 2003
64	Lou-Ralph Lodge Investment	Ashanti	Juaso	Mirasa Hills	22	128.6	3.5	96.0	99.5	29.1	Teak	26th February, 2010
65	Mr. Samuel Benson-Adjei	Ashanti	Juaso	Mirasa Hills	49	117.5	0.0	31.0	31.0	86.5	Teak	22nd September, 2009
66	New Leaf Investment Limited	Ashanti	Juaso	Mirasa Hills	48	113.3	0.0	113.3	113.3	0.0	Teak, Mahogany, Wawa, Kusia, Odum, Ofram, Mansonia, Kokrodua	16th April, 2008
					47	169.6	20.0	52.0	72.0	97.6	Gmelina; Teak	24th February, 2015
67	Pen Pal Wood Processing Limited	Ashanti	Juaso	Mirasa Hills	20, 25	500.0	0.0	110.9	110.9	389.1	Teak	8th July, 2003
					26, 27		0.0	0.0	16th June, 2003			
68	PIDECK Limited	Ashanti	Juaso	Mirasa Hills	40A	128.0	0.0	10.5	10.5	117.5	Teak	23rd April, 2003
					40B	128.0	0.0	0.0	0.0	128.0	0	
69	SKOD Timbers	Ashanti	Juaso	Mirasa Hills	50	128.0	0.0	10.0	10.0	118.0	Teak	6th May, 2003
70	Talento Wood Processing Enterprise	Ashanti	Juaso	Mirasa Hills	38	127.8	10.0	0.0	10.0	117.8	N/A	13th December, 2011
					39	175.6	0.0	70.0	70.0	105.6	Teak	26th October, 2009
71	Thomas Boateng Enterprise	Ashanti	Juaso	Mirasa Hills	10	131.6	0.0	0.0	0.0	131.6	N/A	14th October, 2014
72	Bodogen Construction Company	Ashanti	Juaso	Mirasa Hills	15	163.3	0.0	18.0	18.0	145.3		23rd October, 2018
	Kwanti Company Limited	Ashanti	Juaso	Mirasa Hills	21A & 21B	142.6	0.0		0.0	142.6		9th January, 2020
73	Asante Akyem Wood Processing Co. Ltd (AWP)	Ashanti	Juaso	North Bandai Hills	60,62	213.2	0.0	30.0	30.0	183.2	Teak	23rd December, 2002
74	Charity Asiedu	Ashanti	Juaso	North Bandai Hills	39	124.5	0.0	0.0	0.0	124.5	N/A	14th October, 2013
75	Charles Awuah Enterprise	Ashanti	Juaso	North Bandai Hills	59	113.4	0.0	0.0	0.0	113.4	N/A	11th December, 2014
76	Galaxy Agro Industries Limited	Ashanti	Juaso	North Bandai Hills	53	128.0	0.0	0.0	0.0	128.0	N/A	10th December, 2014
					57	128.0	0.0	0.0	0.0	128.0	N/A	15th October, 2014
					61, 63	256.0	0.0	40.0	40.0	216.0	Teak	17th February, 2015
77	Kpapa Company Limited	Ashanti	Juaso	North Bandai Hills	45	121.8	0.0	0.0	0.0	121.8	N/A	4th November, 2014
78	Noble 'G' Enterprise	Ashanti	Juaso	North Bandai Hills	43	128.4	0.0	0.0	0.0	128.4	N/A	30th January, 2013
79	Yaw Asamoah	Ashanti	Juaso	North Bandai Hills	55	133.9	0.0	0.0	0.0	133.9	N/A	8th November, 2013
80	Yonka Farms	Ashanti	Juaso	North Bandai Hills	58	103.3	0.0	0.0	0.0	103.3	N/A	29th October, 2009
81	Boakyewaa Enterprise Limited (BEL)	Ashanti	Juaso	Onyimso	3	508.7	0.0	350.0	350.0	158.7	Allanblackia, Kusia, Ceiba, Odum, Makore, Wawa, Ofram, Mahogany, Emire	20th Nov. 2002
					6		0.0		0.0			16th August, 2005
					4,5		0.0		0.0			30th January, 2007



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82	Prashanti Export Limited	Ashanti	Kumawu	Anumso	22 (portion)	91.0	0.0	91.0	91.0	0.0	Teak	30th May, 2001
83	Abrofo Farms & Trading Enterprise	Ashanti	Kumawu	Boumfum	Portion of 141	31.6	0.0	31.6	31.6	0.0	Teak	18th March, 2005
84	African Bagg Limited	Ashanti	Kumawu	Boumfum	160	68.9	0.0	0.0	0.0	68.9	N/A	28 <sup>th</sup> February, 2014
85	Aid to Artisan Ghana (ATAG)	Ashanti	Kumawu	Boumfum	153,158, 159	413.9	18.0	54.0	72.0	341.9	Teak	10th April, 2003
86	Asadu Royal Waste	Ashanti	Kumawu	Boumfum	149	84.8	0.0	16.2	16.2	68.6	Teak	21st November, 2012
87	Ghana Cooperative Anti-Bush Fire & Farm Services Ltd.	Ashanti	Kumawu	Boumfum	114	114.3	0.0	114.0	114.0	0.3	Teak	14th Nov. 2002
88	Ashanti Youth Agro Forestry Organization (A.Y.A.O)	Ashanti	Kumawu	Boumfum	18	149.4	0.0	45.0	45.0	104.4	Teak	25th January, 2001
89	Bibiani Logging and Lumber Company Limited (BLLC)	Ashanti	Kumawu	Boumfum	23, 25, 26, 27, 34	637.0	0.0	100.0	100.0	537.0	Cedrela, Teak	-
90	Dale Brook Company Ltd	Ashanti	Kumawu	Boumfum	56,65,67, 68,75,76,77, 83,84,85,91,92,93,98	1,627.3	0.0	128.5	128.5	1498.8	Teak	1st January, 2016 (ppp date)
91	Duadem Inventory Company Limited	Ashanti	Kumawu	Boumfum	185, 186, 192, 193	500.0	0.0	90.0	90.0	410.0	Teak	25th January, 2001
92	Ejisu Forest Products	Ashanti	Kumawu	Boumfum	222	250.0	0.0	100.0	100.0	150.0	Teak	30th January, 2001
93	Forjane Company Limited	Ashanti	Kumawu	Boumfum	Portion of 143	2.0	0.0	2.0	2.0	0.0	Teak	23rd January, 2006
94	Ghana Sawn Timber Sellers Association	Ashanti	Kumawu	Boumfum	Portion of 126 & 122	54.0	0.0	54.0	54.0	0.0	Teak	15th December, 2006 Portion withdrawn on 8th Nov. 2018
95	Ghana Timber Association (G.T.A)	Ashanti	Kumawu	Boumfum	144, 145, 147, 148,150, 151	860.0	0.0	51.7	51.7	808.3	Teak	25th January, 2001
96	Greenfields Plantations Limited (A.G Timbers Ltd)	Ashanti	Kumawu	Boumfum	8, 10, 11 & 12	1,830.6	0.0	775.5	775.5	1055.1	Teak, Wawa, Cedrela, Mahogany, Ceiba, Kokrodua, Apro, Ofram	-
97	Johnson Agyeman Farms	Ashanti	Kumawu	Boumfum	79, 80	190.8	0.0	39.9	39.9	150.9	Teak	23rd March, 2006
98	KG Biomass Supply (formerly, KWAMOKA Energy Ghana Limited)	Ashanti	Kumawu	Boumfum	223	91.0	0.0	0.0	0.0	91.0	N/A	5th November, 2012
99	MIRO Forestry (Ghana) Limited	Ashanti	Kumawu	Boumfum	(Agogo Portion) 106, 108, 109, 111, 120,123,124,127, 131, 134, 135, 138, 139, 140, 155, 156 (Kumawu Portion) 29,30,48,52,53, 54,55,61,62,63, 64,70, 72, 78, 89, 90, 96, 97	4,051.5	0.0	2741.6	2741.6	1309.9	Teak, Cedrela, Eucalyptus, few indigenous species	18th May, 2009
100	Nana Yaw Omane Frimpong Farms Limited	Ashanti	Kumawu	Boumfum	101, 102, 103	305.6	0.0	130.5	130.5	175.1	Teak	6th January, 2004
101	TYG Services Enterprise	Ashanti	Kumawu	Boumfum	213	95.7	0.0	14.0	14.0	81.7	Teak	4th March, 2015
102	Zebra Imex Ltd	Ashanti	Kumawu	Boumfum	81, 82	239.2	0.0	61.0	61.0	178.2	Teak	20th April, 2007
103	Eric Baffour Awuah Ventures	Ashanti	Mampong	Abrimasu	1	128.0	0.0	10.0	10.0	118.0	Teak	14th February, 2018

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104	D. O. Doggies Limited	Ashanti	Mampong	Abrimasu	3	131.0	0.0	0.0	0.0	131.0	N/A	14th August, 2018 19th April, 2018
105	Logwood Industries Limited	Ashanti	Mampong	Abrimasu	7,8	200.0	0.0	103.0	103.0	97.0	Teak	2002
106	Yakvenco Limited	Ashanti	Mampong	Abrimasu	2	163.6	0.0	0.0	0.0	163.6	N/A	27th November, 2018
107	Sarprim Farms & Trading Company Ltd	Ashanti	Mampong	Abrimasu	6	126.0	0.0	100.0	100.0	26.0	Teak	9th April, 2003
108	Rita Kumi Farms Limited (Dufie Amponsah Farms)	Ashanti	Mampong	Awura	16	109.9	5.0	20.0	25.0	84.9	Teak	11th January, 2005
109	Ernest Best Company Ltd	Ashanti	Mampong	Awura	38	121.5	0.0	46.3	46.3	75.2	Teak	-
110	Forest Business Consultancy Limited	Ashanti	Mampong	Awura	19	128.0	0.0	0.0	0.0	128.0	N/A	8th July, 2013
111	Greenfields Plantations Limited (Naja David Veneer and PlyWood)	Ashanti	Mampong	Awura	69, 70, 71	522.0	0.0	522.0	522.0	0.0	Teak, Cedrela, Ceiba, Mahogany	11th December, 2000
112	Gyamfi & Asare Co. Ltd	Ashanti	Mampong	Awura	41	137.3	0.0	50.0	50.0	87.3	Teak	15th January, 2010
113	Help Crush Aids Ghana	Ashanti	Mampong	Awura	42	120.0	5.0	50.0	55.0	65.0	Teak	28th February, 2005
114	Jenfriskar Limited	Ashanti	Mampong	Awura	90	105.3	0.0	47.0	47.0	58.3	Teak	28th October, 2005
115	Karamanga Industries Limited	Ashanti	Mampong	Awura	39, 40, 45 & 51 (part)	391.1	0.0	153.4	153.4	237.7	Teak	25th November, 1999
116	KuulTrade Enterprise	Ashanti	Mampong	Awura	12	97.2	3.0	97.2	100.2	-3.0	Teak	19th April, 2005
117	Kwasi Agyekum Farms	Ashanti	Mampong	Awura	31	165.3	2.0	64.0	66.0	99.3	Teak	-
118	Litsworth Impex Ltd	Ashanti	Mampong	Awura	9	123.1	0.0	107.0	107.0	16.1	Teak	19th April, 2005
119	NABE Wood Processing Co. Ltd	Ashanti	Mampong	Awura	23	100.0	0.0	60.0	60.0	40.0	Teak	20th Nov. 2002
120	R.K.A.Timbers Limited	Ashanti	Mampong	Awura	20	103.2	0.0	25.0	25.0	78.2	Teak	2002
121	reNew Company Limited	Ashanti	Mampong	Awura	49, 55	323.3	0.0	54.3	54.3	269.1	Teak, Mahogany	5th February, 2009
122	Atwima Commercial Ventures	Ashanti	Mampong	Awura	Portion of 37	10.0	0.0	10.0	10.0	0.0	Teak	15th March, 2005
123	Abeam Danso Poku Sarfo Limited	Ashanti	Mampong	Chirimfa	86	180.0	0.0	43.0	43.0	137.0	Teak	2nd February, 2010
124	Elder Jewellery Company Limited	Ashanti	Mampong	Chirimfa	71	110.6	0.0	62.0	62.0	48.6	Teak	2nd April, 2008
125	Greenfields Plantations Limited (Paul Sagoe Sawmills Limited)	Ashanti	Mampong	Chirimfa	portions of 1 & 2	4.0	0.0	4.0	4.0	0.0	Teak	30th December, 2002
126	Heureka Consult Limited	Ashanti	Mampong	Chirimfa	74	85.0	0.0	10.0	10.0	75.0	Teak	23rd December, 2014
127	JOSBOA Consulting Limited	Ashanti	Mampong	Chirimfa	20, 21	273.9	3.0	78.0	81.0	192.9	Teak	9th April, 2013
128	Joseph Antwi (Kwame Amoah)	Ashanti	Mampong	Chirimfa	82	118.2	0.0	10.0	10.0	108.2	Teak	-
129	Kwarteng Plantations	Ashanti	Mampong	Chirimfa	3	94.1	0.0	29.0	29.0	65.1	Teak	12th December, 2008
130	Kumasi Farms Complex	Ashanti	Mampong	Chirimfa	26	151.6	0.0	58.9	58.9	92.8	Teak	20th February, 2006

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131	K-Wuss Enterprise	Ashanti	Mampong	Chirimfa	27	140.1	1.2	84.0	85.2	54.9	Teak	20th April, 2007
132	Kyeremateng Tiek & Sons Ltd	Ashanti	Mampong	Chirimfa	18	100.9	1.0	80.0	81.0	19.9	Teak	7th April, 2004
133	Mag. K. Enterprise	Ashanti	Mampong	Chirimfa	22	142.2	0.0	103.0	103.0	39.2	Teak	20th April, 2007
134	Onyame Tumiso Company Ltd	Ashanti	Mampong	Chirimfa	Portion of 13	45.6	0.0	45.6	45.6	0.0	Teak	31st December, 2002
135	Richard William Quaynor	Ashanti	Mampong	Chirimfa	88	157.5	0.0	69.5	69.5	88.0	Teak	2007
136	Upper and Lower Spring Ventures	Ashanti	Mampong	Chirimfa	19, 24A	256.0	0.0	2.5	2.5	253.5	Teak	5th May, 2015
137	Vanexx Enterprise	Ashanti	Mampong	Chirimfa	77	60.3	5.0	30.0	35.0	25.3	Teak	15th February, 2012
138	Emmanuel Opoku Acheampong	Ashanti	Mampong	Ongwam II	Krowi & Hwidiem	47.7	0.0	0.0	0.0	47.7	N/A	31st July, 2017
139	Evans Timbers Ltd	Ashanti	Mampong	Pru Shelter belt	6	148.3	0.0	58.0	58.0	90.3	Teak	9th August, 2001
140	Jeed-San Farms	Ashanti	Mampong	Pru Shelter belt	36	120.0	10.0	84.0	94.0	26.0	Teak	2009
141	Nsiah Gyamerah	Ashanti	Mampong	Pru Shelter belt	5	127.4	5.0	29.5	34.5	92.9	Teak	16th April, 2009
142	Opmanpok Ent	Ashanti	Mampong	Pru Shelter belt	4	4.0	0.0	4.0	4.0	0.0	Teak	23rd January, 2006
143	Safari-Aawess Company Limited	Ashanti	Mampong	Pru Shelter belt	66, 67, 68, 69	512.0	18.0	20.0	38.0	474.0	Teak	22nd November, 2016
144	Unity Afforestation and Tree Nursery Project	Ashanti	Mampong	Pru Shelter belt	39, 44	221.4	10.0	161.3	171.3	50.1	Teak	20th May, 2005
145	Abaascom Ent Ltd	Ashanti	Mankranso	Desiri	114	152.5	0.0	64.0	64.0	88.5	Cedrela, Teak	24th December, 2002
146	Duncan Williams	Ashanti	Mankranso	Desiri	39	92.7	0.0	10.0	10.0	82.7	Teak	-
147	Nana Adu Kwabena Gabriel Co. Ltd (GAC)	Ashanti	Mankranso	Desiri	( Awaboa portion) 86, 87, 109 and portion of 110 (395.31 ha) ( Hia portion) 111 and portion of 110 (168.72 ha)	564.0	0.0	200.0	200.0	364.0	Cedrela, Teak	24th February, 2003
148	Greenfields Plantations Limited/ Scanstyle	Ashanti	Mankranso	Desiri	63,72,73,81,82, 91,92, 103, 117	359.9	0.0	34.4	34.4	325.5	Cedrela, Teak	-
149	Opanin Twene Kwame Company Ltd.	Ashanti	Mankranso	Desiri	9,10	292.0	0.0	98.0	98.0	194.0	Wawa, Manzonnia, Odum, Edinam, Utile, Mahogany, Ofram, Onyina, Akata, Asanfina, Hyedua, Kyenkyen, Teak, Sapele, Otie, Cedrela, Emire	1984
150	TSL (Tepa & Techiman Sawmills Ltd)	Ashanti	Mankranso	Desiri	89, 90	256.0	0.0	76.0	76.0	180.0	Cedrela, Teak	-
151	Ms. Agyeman Worwonyo	Ashanti	Mankranso	Desiri	44	128.0	0.0	0.0	0.0	128.0	N/A	8th May, 2018
152	Baboga Ghana Limited	Ashanti	Mankranso	Desiri	45	128.0	0.0	0.0	0.0	128.0	N/A	8th May, 2018

## PRIVATE PLANTATION DEVELOPERS ON RESERVE - 2020

NO.	COMPANY NAME	REGION	DISTRICT	FOREST RESERVE	COMPARTMENT/ SERIES	AREA ALLOCATED (Ha)	AREA PLANTED -2020 (ha)	PREVIOUS AREA PLANTED (ha)	AREA PLANTED TO DATE (ha)	AREA REMAINING TO BE PLANTED (ha)	SPECIES PLANTED	DATE OF APPROVAL/ALLOCATION
153	Aawess Ventures Limited	Ashanti	Mankranso	Tinte Bepo	40, 41	256.0	25.0	25.0	50.0	206.0	Teak	1st September, 2016
154	Anprif-Galaxy Industries Limited	Ashanti	Mankranso	Tinte Bepo	17, 27	256.0	74.0	74.0	148.0	108.0	Teak	26th September, 2016
155	Nana Osei Akoto	Ashanti	Mankranso	Tinte Bepo	86, 90	143.5	0.0	30.0	30.0	113.5	Teak	23rd January, 2008
156	Farest Wood Products Company Limited	Ashanti	Mankranso	Tinte Bepo	13	128.0	0.0	0.0	0.0	128.0	Teak	30th december, 2019
157	Jograddai Farms and Company Limited	Ashanti	Mankranso	Tinte Bepo	81	128.0	0.0	0.0	0.0	128.0	N/A	7th November, 2019
158	Kwasi Agyei & Opoku Timbers (KAGO)	Ashanti	Nkawie	Jimira	8	109.5	0.0	60.0	60.0	49.5	Cedrela	6th January, 2004
159	Maybrob Company Limited	Ashanti	Nkawie	Jimira	5, 7 & 42, 40 & 44	683.1	0.0	196.0	196.0	487.1	Cedrela	23rd March, 2004
160	OAEK (Oduro Anane Ent.)	Ashanti	Nkawie	Jimira	38	129.5	0.0	90.0	90.0	39.5	Cedrela	2004
161	Prescient Management	Ashanti	Nkawie	Jimira	9 (portion)	128.1	8.0	30.0	38.0	90.1	Teak	26th July, 2016
162	Willimar Ventures	Ashanti	Nkawie	Jimira	16 (Portion)	4.0	0.0	4.0	4.0	0.0	Teak	
163	Wood Pillar Limited	Ashanti	Nkawie	Jimira	9 (portion)	5.0	0.0	5.0	5.0	0.0	Cedrela	16th December, 2004
164	A.D.K Timbers Company Limited	Ashanti	Nkawie	Jimira Extension	18 (portion)	4.0	0.0	4.0	4.0	0.0	Cedrela, Teak	-
165	Benakuf Timber and Trading	Ashanti	Nkawie	Jimira Extension	15 (portion)	15.0	0.0	15.0	15.0	0.0	Cedrela	2004
166	Bibiani Logging and Lumber Company Limited	Ashanti	Nkawie	Jimira Extension	19 (portion)	7.0	0.0	7.0	7.0	0.0	Cedrela, Teak	-
167	City View Company Ltd (CVC)	Ashanti	Nkawie	Jimira Extension	21	112.9	0.0	110.0	110.0	2.9	Cedrela, Teak	10th December, 2004
168	Logwood Industries Limited	Ashanti	Nkawie	Jimira Extension	33 (Portion), 35	132.0	0.0	14.0	14.0	118.0	Cedrela, Teak	2nd April, 2004
169	N&B Link Timber Company Limited	Ashanti	Nkawie	Jimira Extension	20 (portion)	4.0	0.0	4.0	4.0	0.0	Cedrela	8th June, 2004
170	Oduro Anane Enterprise (OAEK)	Ashanti	Nkawie	Jimira Extension	14 (portion)	5.0	0.0	5.0	5.0	0.0	Cedrela	23rd March, 2004      22nd December, 2004?
171	SKOD Timbers	Ashanti	Nkawie	Jimira Extension	Portion of 30	5.0	0.0	5.0	5.0	0.0	Cedrela	5th October, 2004
172	TSL (Tepa & Techiman Sawmills Ltd)	Ashanti	Nkawie	Jimira Extension	32	129.7	38.7	91.0	129.7	0.0	Cedrela, Teak	3rd June, 2004
173	Mai Enterprise	Ashanti	Nkawie	Tano Offin	229	128.0	0.0		0.0	128.0	N/A	18th December, 2019 17th July, 2019
174	Jusdal Plus Company Limited	Ashanti	Nkawie	Offin Shelterbelt	7 & 10	235.4	0.0		0.0	235.4	N/A	28th July, 2017
175	Abofour Wood Company Ltd	Ashanti	Offinso	Afram Headwaters	8 & 10	238.6	0.0	0.0	0.0	238.6	Teak	2018
176	Association for Conservation and Development (ASCODEV)	Ashanti	Offinso	Afram Headwaters	69	100.0	0.0	25.0	25.0	75.0	Teak	28th March, 2001
177	Asuboa Wood Treatment Company Limited	Ashanti	Offinso	Afram Headwaters	26	130.5	80.0	0.0	80.0	50.5	Teak	5th June, 2020
178	Ben 'O' Investments Ltd	Ashanti	Offinso	Afram Headwaters	5	50.0	0.0	50.0	50.0	0.0	Teak, Cedrela	
					124	129.0	20.0	50.0	70.0	59.0		
179	Ehwia Wood Products Limited	Ashanti	Offinso	Afram Headwaters	33, 35	380.0	0.0	210.0	210.0	170.0	Teak, Cedrela	2004
					101		0.0		0.0			
180	Evans Timbers Ltd	Ashanti	Offinso	Afram Headwaters	107	206.0	0.0	100.0	100.0	36.0	Teak	9th August, 2001
					108		0.0		70.0			

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181	Sakam Savana	Ashanti	Offinso	Afram Headwaters	74	117.0	0.0	83.0	83.0	34.0	Teak	2003
					75	143.5	0.0	50.0	50.0	93.5		2003
182	Hon. Baffour Kese-Amankwaa	Ashanti	Offinso	Afram Headwaters	106	128.0	0.0	0.0	0.0	128.0	N/A	8th March, 2013
183	Kasboo Company Ltd	Ashanti	Offinso	Afram Headwaters	68	106.6	0.0	0.0	0.0	106.6	N/A	26th November, 2018
184	JOJAYKO Enterprise	Ashanti	Offinso	Afram Headwaters	95, 120	205.6	20.0	92.5	112.5	93.1	Teak	4th November, 2012
185	JOSANWI Enterprise Limited	Ashanti	Offinso	Afram Headwaters	92	118.1	19.9	118.1	138.0	-19.9	Teak	13th August, 2001
					109	126.2	16.3	37.2	53.5	72.7		14th January, 2015
186	Kwadkoff Co. Ltd	Ashanti	Offinso	Afram Headwaters	102	111.9	0.0	85.0	85.0	26.9	Teak	2003
187	Logwood Industries Limited	Ashanti	Offinso	Afram Headwaters	34	100.0	0.0	50.0	50.0	50.0	Teak, Cedrela	2003
188	Mere Plantations Limited	Ashanti	Offinso	Afram Headwaters	12, 13, 14,17, 18, 19, 20, 21, 22, 23,29, 30, 31,112, 113, 114,116, 117, 118; 41,43,45,47,80, 81, 82, 83, 84, 85, 86, 96, 97, 98, 99, 100,104,105	4,078.5	320.9	1249.5	1570.4	2508.1	Teak	5th February, 2010
189	Neoct Saints Company Limited	Ashanti	Offinso	Afram Headwaters	122	153.0	0.0	19.0	19.0	134.0	Teak	7th September, 2017
190	Ben Dwomo & Co. Ltd	Ashanti	Offinso	Afrensu Brohuma	24,25	256.0	0.0	61.0	61.0	195.0	Teak	January, 2002
191	Diaby Leasing Company Limited	Ashanti	Offinso	Afrensu Brohuma	9,10	279.7	0.0	135.0	135.0	144.7	Teak	7th Jan. 2004 21st March, 2010
192	Dwen Sie Limited	Ashanti	Offinso	Afrensu Brohuma	46	131.2	0.0	40.0	40.0	91.2	Teak	19th March, 2008
193	FORM Ghana Ltd	Ashanti	Offinso	Afrensu Brohuma	8,12,19,20,21,22, 27,28,29,32,33,34,35	1,778.1	0.0	1778.1	1778.1	0.0	Teak, Ceiba, Mahogany, Albizia, Afram, Emire, Watapuo, Kokrodua, Potrodom	1st September, 2012
194	Michael Larbi	Ashanti	Offinso	Afrensu Brohuma	47	124.4	0.0	100.0	100.0	24.4	Teak	16th March, 2010
195	Next Door Farms	Ashanti	Offinso	Afrensu Brohuma	49	126.1	0.0	116.0	116.0	10.1	Teak	24th February, 2012
					50B	70.0	0.0	0.0	0.0	70.0	Teak	2013
196	SUNSTEX	Ashanti	Offinso	Afrensu Brohuma	11, 14, 15, 17, 41, 42A, 42B, 43, 44, 45A, 45B, 50A, 51A, 53, 55, 56	1,644.8	0.0	237.0	237.0	1407.8	Teak	-
197	Unity Afforestation and Tree Nursery Project	Ashanti	Offinso	Afrensu Brohuma	30, 31	248.7	0.0	248.7	248.7	0.0	Teak	5th March, 2005
	Ahmed Suleman Farms & Company Limited	Ashanti	Offinso	Asubima	15, 16, 17, 18, 19, 24,25,26	1,128.3	127.0	931.0	1058.0	70.3	Teak, Cassia	-
198	Colonel R.K Opoku Adusei	Ashanti	Offinso	Asubima	56	100.0	30.0	70.0	100.0	0.0	Teak	20th February, 2006
199	Fine Boy 'Pomako' Company Limited	Ashanti	Offinso	Asubima	14	137.4	135.4	0.0	135.4	2.0	Teak, Kyenkyen	27th February, 2015

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200	Form Ghana Ltd	Ashanti	Offinso	Asubima	1,2,3,4,5,6,7,8,9,10,11,12,13,27,28	1,776.5	0.0	1776.5	1776.5	0.0	Teak, Ceiba, Mahogany, Albizia, Ofra, Emire, Kola, Kokrodua, Potradom	30th Oct. 2007
201	Suleman Twi Farms	Ashanti	Offinso	Asubima	61, 62	270.2	0.0	0.0	0.0	270.2	N/A	-
202	Aawess Foundation	Ashanti	Offinso	Asufu East	7	126.8		122.0	122.0	4.8	Teak, Ofra	27 <sup>th</sup> January, 2014
	Kwaku Poku Timbers Ltd	Ashanti	Offinso	Asufu East	4,5	255.3	5.0	200.0	205.0	50.3	Teak, Cedrela	7th January, 2004
203	Nkunim Ventures	Ashanti	Offinso	Asufu East	6	135.0	0.0	135.0	135.0	0.0	Teak, Ofra, Wawa	-
204	Offin Timbers & Construction Co. Ltd (O.T.C.C)	Ashanti	Offinso	Asufu West Shelterbelt	18	128.0	0.0	53.0	53.0	75.0	Teak, Cedrela	4th September, 2004
					19	128.0	0.0	35.0	35.0	93.0		4th September, 2003
205	Felivero Farms (Sarbang Limited)	Ashanti	Offinso	Asufu West	16	128.0	0.0	85.0	85.0	43.0	Teak, Cedrela	10th September, 2004
					17	128.0	0.0	0.0	0.0	128.0		13th January, 2004
206	Adwoa Ahwoi Group	Ashanti	Offinso	Kwamisa	23	107.7	0.0	74.5	74.5	33.2	Teak	12th April, 2016
207	Adu - Gyamfi Farms	Ashanti	Offinso	Kwamisa	55	141.5	0.0	128.0	128.0	13.5	Teak	24 December, 2001
208	Aidoo Ntini Farms	Ashanti	Offinso	Kwamisa	54	154.0	7.0	60.0	67.0	87.0	Teak	24 December, 2001
209	ASA-BEA Enterprise	Ashanti	Offinso	Kwamisa	24	125.4	10.0	125.4	135.4	-10.0	Teak	1st April, 2008
210	Asante Wiredu & Associates	Ashanti	Offinso	Kwamisa	2	150.2	0.0	150.2	150.2	0.0	Teak	8th January, 2004
211	Asantewaa Enterprise Limited	Ashanti	Offinso	Kwamisa	52	257.8	0.0	246.0	246.0	11.8	Teak	31st December, 2002
					34		3.5		3.5			8th January, 2004
212	Asotia Boakye Company Limited	Ashanti	Offinso	Kwamisa	39	129.4	0.0	129.4	129.4	0.0	Teak	10th January, 2005
213	Assakyiri Timbers and Wood Products	Ashanti	Offinso	Kwamisa	56 (portion)	30.0	0.0	30.0	30.0	0.0	Teak	26th March, 2003
214	William K. Asumadu & Margaret A. Kwabia	Ashanti	Offinso	Kwamisa	30	112.2	0.0	93.0	93.0	19.2	Teak	-
215	B.Y Ofori Frimpong	Ashanti	Offinso	Kwamisa	20	137.6	0.0	37.6	37.6	100.0	Teak	24th February, 2009
216	Boadu Ayebofo Plantations	Ashanti	Offinso	Kwamisa		136.2	0.0	128.0	128.0	8.2	Teak	20th December, 2002
217	Bonfrim Business Services	Ashanti	Offinso	Kwamisa	51	133.2	0.0	133.2	133.2	0.0	Teak, Cedrela	20th December, 2002
218	Charles Amankwah	Ashanti	Offinso	Kwamisa	44	129.1	0.0	129.1	129.1	0.0	Teak	7th November, 2007
219	Classic Farms Co. Ltd	Ashanti	Offinso	Kwamisa	48	120.2	0.0	118.0	118.0	2.2	Teak	16th May, 2005
220	CWC Ventures Limited	Ashanti	Offinso	Kwamisa	49	114.9	0.0	114.9	114.9	0.0	Teak	1st September, 2005
221	D&G Consults	Ashanti	Offinso	Kwamisa	40	168.0	0.0	168.0	168.0	0.0	Teak	25th October, 2007
222	(Dr. Ofori) Zypher Consult	Ashanti	Offinso	Kwamisa	43	130.2	0.0	120.0	120.0	10.2	Teak	
223	Green Moss Limited (Eghan & Eghan Investments Limited)	Ashanti	Offinso	Kwamisa	57	149.5	0.0	149.5	149.5	0.0	Teak	21st December, 2011 10th January, 2005
224	EL-SARP Unique Company Limited	Ashanti	Offinso	Kwamisa	47	100.0	0.0	100.0	100.0	0.0	Teak	20th December, 2002
225	Europe Auto and Europe Farms Ltd	Ashanti	Offinso	Kwamisa	36, 37	260.4	0.0	260.4	260.4	0.0	Teak, Emire, Ofra, Tweapia	8th January, 2004
226	Fanfraine Ventures	Ashanti	Offinso	Kwamisa	56 (portion)	98.0	0.0	27.0	27.0	71.0	Teak	26th April, 2016
227	Faustina Kusi Timber Co. Ltd	Ashanti	Offinso	Kwamisa	42	128.0	3.0	80.0	83.0	45.0	Teak	20th January 2004
228	Florart Ventures Limited	Ashanti	Offinso	Kwamisa	18	178.2	0.0	103.0	103.0	75.2	Teak	10th January, 2005
229	Gorbros Ventures	Ashanti	Offinso	Kwamisa	50	162.2	0.0	100.0	100.0	62.2	Teak, Cedrela	24th December, 2002
230	Hon. Andrews Adjei Yeboah	Ashanti	Offinso	Kwamisa	32	86.5	0.0	82.0	82.0	4.5	Teak, Cedrela?	Aug-08
231	Isaac Opoku Boateng	Ashanti	Offinso	Kwamisa	3	120.0	16.5	85.0	101.5	18.5	Teak	6th January, 2004

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232	JOB CONSTRUCT Ghana Ltd	Ashanti	Offinso	Kwamisa	22	97.0	0.0	97.0	97.0	0.0	Teak	20th February, 2006
233	K.A. Poku Farms Limited	Ashanti	Offinso	Kwamisa	33, 61	208.8	0.0	208.8	208.8	0.0	Teak	8th January, 2004, 31st December, 2002
234	Ken Boat	Ashanti	Offinso	Kwamisa	59	128.0	0.0	100.0	100.0	28.0	Teak	-
235	Kingsley Agyei Agyekum	Ashanti	Offinso	Kwamisa	23 (portion)	12.6	0.0	12.6	12.6	0.0	Teak	25th October, 2007
236	Kwadkuff Co. Ltd	Ashanti	Offinso	Kwamisa	19	119.3	0.0	100.0	100.0	19.3	Teak	2005
237	Orans Life Ltd	Ashanti	Offinso	Kwamisa	35,41	175.6	0.0	160.0	160.0	15.6	Teak	6th January, 2004
238	Osei Agyemang Badu	Ashanti	Offinso	Kwamisa	58	163.4	0.0	163.4	163.4	0.0	Teak, Ofram	8th January, 2008
239	OTK Farms	Ashanti	Offinso	Kwamisa	26	89.1	0.0	89.1	89.1	0.0	Teak	2/1/2007
240	Paul Kwasi (P.K) Forson	Ashanti	Offinso	Kwamisa	38	129.5	0.0	129.5	129.5	0.0	Teak, Cedrela plus one indigenous	7th January, 2004
241	SENS PROGRAM (Kwame Duodu Bonsu)	Ashanti	Offinso	Kwamisa	25	83.8	0.0	70.0	70.0	13.8	Teak	23rd January, 2006
242	Soak Farms & Trading Ent	Ashanti	Offinso	Kwamisa	53, 60	253.2	0.0	253.2	253.2	0.0	Teak	31st December, 2002
243	Vicalex Crafts Ltd	Ashanti	Offinso	Kwamisa	45	128.0	0.0	47.2	47.2	80.8	Teak	10th April, 2003
244	Obaatampa Nyame Nti Enterprise	Ashanti	Offinso	Kwamisa	27	94.3	0.0	0.0	0.0	94.3	N/A	
245	ANTICO Wood Processing Limited	Ashanti	Offinso	Mankrang	30	121.0	0.0	70.0	70.0	51.0	Teak	11th December, 2002
					29	136.5	0.0	0.0	0.0	136.5	N/A	17th February, 2004
246	BODUKWAN Farms	Ashanti	Offinso	Mankrang	8-14, 19-22, 26-28, 50-55, 60	2,548.0	0.0	0.0	0.0	2548.0	N/A	17th January, 2013
247	Camba Timbers	Ashanti	Offinso	Mankrang	15	130.0	0.0	30.0	30.0	100.0	Teak, Cedrela	-
248	Global Bamboo Products Ltd	Ashanti	Offinso	Mankrang	39	126.8	0.0	30.0	30.0	96.8	Bamboo, Teak	8th Jan. 2003
249	K.A.G Timbers Limited	Ashanti	Offinso	Mankrang	4	139.7	0.0	123.0	123.0	16.7	Teak, Cedrela	20th January, 2003
250	Nation Builders' Limited	Ashanti	Offinso	Mankrang	24	116.4	0.0	116.4	116.4	0.0	Teak	8th January, 2003
251	Roy C Company Ltd	Ashanti	Offinso	Mankrang	3,6	384.0	0.0	75.0	75.0	309.0	Teak	31st December, 2002
252	Unity Afforestation and Tree Nursery Project	Ashanti	Offinso	Mankrang	Portions of 1, 15, 57 & 58	214.6	0.0	214.6	214.6	0.0	Watapuo, Kyenkyen, Gmelina, Albizia, Mahogany, Wawa, Ofram, Teak, Cedrela	8th January, 2004
253	Franco Timbers	Ashanti	Offinso	Mankrang	portions of 18 and 50	9.5	0.0	9.5	9.5	0.0	Teak	2004 (year of plantation establishment)
254	Ebenezer Amarkwei Laryea	Ashanti	Offinso	Opro River	95	141.4	0.0	0.0	0.0	141.4	N/A	8th July, 2013
255	Evans Timbers Ltd	Ashanti	Offinso	Opro River	19, 22, 73	360.0	0.0	110.0	110.0	250.0	Teak	2002
					74	128.0	0.0	128.0	128.0	0.0	2005	
256	Grow Forest Ltd	Ashanti	Offinso	Opro River	97	116.7	0.0	0.0	0.0	116.7	N/A	20th February, 2013
257	Iron Masters Company Ltd	Ashanti	Offinso	Opro River	92	129.8	20.0	43.0	63.0	66.8	Teak	5th February, 2013
258	JOB CONSTRUCT Ghana Ltd	Ashanti	Offinso	Opro River	91	117.6	8.0	76.0	84.0	33.6	Teak	5th February, 2013
259	Joe Sala Sawmill Ltd	Ashanti	Offinso	Opro River	93,94	244.8	0.0	240.0	240.0	4.8	Teak, Ofram, Mahogany, Cedrela	31st December, 2002
260	J.Y.V Co. Ltd	Ashanti	Offinso	Opro River	96	122.0	0.0	0.0	0.0	122.0	N/A	8th February, 2013
261	Kwame-Bi Kuffour Timber Co. Ltd	Ashanti	Offinso	Opro River	98	150.9	0.0	81.0	81.0	69.9	Teak	11th August, 2003

NO.	COMPANY NAME	REGION	DISTRICT	FOREST RESERVE	COMPARTMENT/ SERIES	AREA ALLOCATED (Ha)	AREA PLANTED -2020 (ha)	PREVIOUS AREA PLANTED (ha)	AREA PLANTED TO DATE (ha)	AREA REMAINING TO BE PLANTED (ha)	SPECIES PLANTED	DATE OF APPROVAL/ALLOCATION
262	Greenfields Plantations Limited/Ayum	Ahafo	Bechem	Bosomkese	16-20, 49A & 49B	806.0	0.0	422.0	422.0	384.0	Cedrela, Ceiba, Mansonia, Ofram, Utile, Mahogany, Wawa, Otie, Odum, Kusia, Kokrodua	-
263	Greenfields Plantations Limited/Ayum	Bono	Dormaa	Mpameso	3, 4, 5, 6, 7, 9, 10, 11, 12, 13, 14, 15, 25, 26, 27, 180, 181, 182, 183, 184, 214, 215, 223, 224, 225, 226, 227, 228, 229, 229A, 240, 241, 242, 243, 244, 245, 246, 247, 248	4,992.0	0.0	1010.5	1010.5	3981.6	Cedrela, Ofram, Mahogany, Edinam, Wawa, Emire, Kyenkyen, Utile, Mansonia, Otie, Kokrodua, Onyina, Senna siamea	-
264	Adadex Farms	Bono	Dormaa	Pamu Berekum	24, 28	256.0	0.0	0.0	0.0	256.0	N/A	23rd May, 2014
265	Adams Farms	Bono	Dormaa	Pamu Berekum	69	142.9	0.0	80.0	80.0	62.9	Teak	25th January, 2005
266	Agyarkwa Anyane & Charity Timbers	Bono	Dormaa	Pamu Berekum	Portion of 96	10.0	0.0	10.0	10.0	0.0	Teak	10th May, 2005
267	AKABELS Enterprise	Bono	Dormaa	Pamu Berekum	Portion of 134	100.0	0.0	8.5	8.5	91.5	Teak	24th December, 2002
268	Akua Afriyie	Bono	Dormaa	Pamu Berekum	portions of 64,65,66,67	40.0	0.0	40.0	40.0	0.0	Teak	2002
269	Alexander Takyi Timbers Sawmills (ATTS)	Bono	Dormaa	Pamu Berekum	50, 55, 56, 62,63	640.0	0.0	285.0	285.0	355.0	Teak, Cedrela	29th January, 2001
270	Asoma & Family Plantation	Bono	Dormaa	Pamu Berekum	71	106.5	0.0	8.0	8.0	98.5	Teak	18th March, 2005
271	Asuwam Complex	Bono	Dormaa	Pamu Berekum	Portion of 86	10.0	0.0	10.0	10.0	0.0	Teak	25th January, 2001
272	ATBED Company Limited	Bono	Dormaa	Pamu Berekum	91	125.0	0.0	9.8	9.8	115.2	Teak	7th May, 2004
273	Baah (Abena Kwabena Co. Ltd)	Bono	Dormaa	Pamu Berekum	40,41,46,47,53	640.0	0.0	60.0	60.0	580.0	Teak, Cedrela	2004
274	Baffour Asamoah & Sons	Bono	Dormaa	Pamu Berekum	130	130.0	0.0	30.0	30.0	100.0	Teak	8th January, 2004
275	Environmentally Concerned Citizens Ass	Bono	Dormaa	Pamu Berekum	21	57.9	0.0	27.0	27.0	30.9	Teak	26th March, 2001
276	Delta-Kaay Ltd & REMOCGE (Resource and Mobilisation Centre for Global Emergencies)	Bono	Dormaa	Pamu Berekum	131, 132	256.0	0.0	150.0	150.0	106.0	Teak	9th April, 2001
277	Dormaa Forestry International (Global Green)	Bono	Dormaa	Pamu Berekum	5, 6, 7, 8, 9, 11, 13, 14	1,628.5	0.0	240.0	240.0	1388.5	Teak	28th February, 2001
278	Hon. Yaw Afful	Bono	Dormaa	Pamu Berekum	123	128.0	0.0	12.0	12.0	116.0	Teak	17th March, 2010
279	JOWAK Enterprise Limited	Bono	Dormaa	Pamu Berekum	113, 128	263.0	0.0	165.0	165.0	98.0	Teak	29th January, 2001
280	Kyma Plantations	Bono	Dormaa	Pamu Berekum	136	200.0	0.0	60.0	60.0	140.0	Teak	22nd March, 2007
281	Mireku Complex Limited	Bono	Dormaa	Pamu Berekum	111	105.0	0.0	5.0	5.0	100.0	Teak	1st November, 2012
282	Taptop Company Ltd	Bono	Dormaa	Pamu Berekum	126 & 127	256.0	0.0	0.0	0.0	256.0	N/A	2017



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283	Weddi Africa (formerly, Morricom Company Limited)	Bono	Dormaa	Pamu Berekum	135	259.7	0.0	79.7	79.7	180.0	Teak	7th January, 2004
284	Nana Kordie Yeboah II (Dormaa Aduanahene)	Bono	Dormaa	Pamu Berekum	37	100.0	0.0	0.0	0.0	100.0	N/A	2012
285	Oboade Farms	Bono	Dormaa	Pamu Berekum	38	128.0	0.0	0.0	0.0	128.0	N/A	14th October, 2013
286	Ohenba K.D. Foundation	Bono	Dormaa	Pamu Berekum	43	50.0	0.0	26.0	26.0	24.0	Teak, Otie	8th January, 2004
287	Omanba Solutions Ltd	Bono	Dormaa	Pamu Berekum	125	128.0	0.0	6.0	6.0	122.0	Teak	16th April, 2013
288	Original Asaase Aban Complex Limited	Bono	Dormaa	Pamu Berekum	82, 83	100.0	0.0	18.0	18.0	82.0	Teak	9th January, 2003
289	Osagyefo Oseadeyo Agyeman Badu II (Dormaaahene)	Bono	Dormaa	Pamu Berekum	33, 34	187.0	0.0	45.0	45.0	142.0	Teak	10th February, 2012
290	Partners Sustainability Limited	Bono	Dormaa	Pamu Berekum	118	10.0	0.0	10.0	10.0	0.0	Teak	7th January, 2007
291	Peggy Addai	Bono	Dormaa	Pamu Berekum	44, 45	256.0	0.0	150.0	150.0	106.0	Teak	29th January, 2002
292	Peter Ansu Kumih Farms	Bono	Dormaa	Pamu Berekum	86	100.7	0.0	17.0	17.0	83.7	Teak	10th March, 2005
293	Rosa Company Limited	Bono	Dormaa	Pamu Berekum	70	128.0	0.0	75.0	75.0	53.0	Teak	1st February, 2002
294	Rural Forest Enterprise	Bono	Dormaa	Pamu Berekum	23, 24	250.0	0.0	10.0	10.0	240.0	Teak	29th January, 2002
295	Sacred Heart Farms	Bono	Dormaa	Pamu Berekum	76	120.0	0.0	9.0	9.0	111.0	Teak	10th March, 2005
296	Samartex Timber and PlyWood Company Limited	Bono	Dormaa	Pamu Berekum	47, 48, 49, 50, 51, 52, 53, 54, 58, 59, 65	1,463.0	0.0	0.0	0.0	1463.0	N/A	27th August, 2014
297	Strassweg Company Limited Agyaku Royal CO. LTD	Bono	Dormaa	Pamu Berekum	138	232.1	23.402	0.0	23.4	208.7	Teak, Mahogany, Wawa, Cedrela, Ofram	21st December, 2015
298	Tuah Sawmills & Farms	Bono	Dormaa	Pamu Berekum	25,26,27	309.9	0.0	110.0	110.0	199.9	Teak, Cedrela	13th January, 2003
299	Greenfields Plantations Limited/Ayum	Bono	Sunyani	Amama	6B, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16,17, 18, 19, 20, 21, 22, 23, 24	3,255.0	0.0	3062.0	3062.0	193.0	Cedrela, Ofram, Ceiba, Mahogany, Edinam, Wawa, Emire, Kyenkyen, Koto, Utile, Mansonia, Otie, Makore, Asanfina, Akasa, Odum, Kokrodua, Eucalyptus, Pine, Cassia, Mangium, Kusia	-
300	Greenfields Plantations Limited/ Scanstyle	Bono	Sunyani	Asukese	33, 34, 43	450.0	0.0	0.0	0.0	450.0	N/A	-
301	Greenfields Plantations Limited/Ayum	Ahafo	Goaso	Bia Shelterbelt	9, 14	260.0	0.0	217.0	217.0	43.0	Wawa, Mahogany, Ofram, Pronoo, Kokrodua, Odum, Otie, Asanfena, Onyina etc	24th October, 2008

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302	James Owusu Ansah	Bono	Sunyani	Sawsaw	3	119.2	0.0	0.0	0.0	119.2	N/A	-
303	Musco Asante Limited	Bono	Sunyani	Sawsaw	8,9,10	384.0	0.0	369.3	369.3	14.8	Teak	3rd March, 2006
304	Atta Kruffi Enterprise	Bono	Sunyani	Tain I	18,24,25	300.0	0.0	206.0	206.0	94.0	Teak	11th April, 2001
305	Franco Timbers	Bono	Sunyani	Tain I	11, 12, 13, 14	561.0	0.0	561.0	561.0	0.0	Teak	25th January, 2001
306	Oti Yeboah Complex Limited (OYCL)	Bono	Sunyani	Tain I	15, 20, 21, 22, 26, 27	533.0	0.0	480.6	480.6	52.4	Teak	14th June, 2001
307	Abronye Investment Company	Bono	Sunyani	Tain II	293, 304, 305, 306, 316, 340, 341, 346, 397		0.0	505.4	505.4	-505.4	Teak	
308	Envirohealth Consult Ltd	Bono	Sunyani	Tain II	178	128.0	0.0	0.0	0.0	128.0	N/A	
309	Anprif-Galaxy Industries Limited	Bono	Sunyani	Tain II	276, 277, 278	384.0	0.0	0.0	0.0	384.0	N/A	22nd April, 2016
310	Asuo Bomasadu Timbers & Sawmills Limited (ABTS)	Bono	Sunyani	Tain II	12,14,15,16,17, 18,25,26,27, & Portion of 13 (Pruso) &163, 164, 165, 175, 176,177, 194, 195 & 196 (Namasua)	1,991.6	0.0	293.9	293.9	1697.7	Teak, Ofram, Mahogany, Cedrela, Ceiba, Emire	21st September, 2005
311	ATBED Enterprises	Bono	Sunyani	Tain II	200, 223	250.0	0.0	0.0	0.0	250.0	N/A	
312	Kwabena Kyeremeh Sawmill Ltd	Bono	Sunyani	Tain II	324 & 325	256.0	0.0	256.0	256.0	0.0	Teak	2nd April, 2003
313	Kwasi Adjei & Son Investment	Bono	Sunyani	Tain II	313, 321, 337	384.0	0.0	10.4	10.4	373.6	Teak	
314	Kofi Vinyo Company Limited	Bono	Sunyani	Tain II	326	128.0	0.0	0.0	0.0	128.0	N/A	8th August, 2016
315	Logs and Lumber Limited (LLL)	Bono	Sunyani	Tain II	207, 208, 209, 210, 211, 215, 216, 217	1,211.6	50.0	274.0	324.0	887.6	Teak, Mahogany	2006
316	Pacewood Company Limited	Bono	Sunyani	Tain II	290, 291, 292, 311	488.2	0.0	225.6	225.6	262.6	Teak	28th March, 2003
317	Royal Group Company Limited	Bono	Sunyani	Tain II	329, 330, 331, 332	400.0	0.0	39.0	39.0	361.0	Teak	13th March, 2001
318	Sidakon Woods Limited	Bono	Sunyani	Tain II	201,202,203	356.0	0.0	350.0	350.0	6.0	Teak	2011
319	Frim-Owusu Limited	Bono	Sunyani	Tain Tributaries II	239	150.0	0.0	34.0	34.0	116.0	Teak	7th January, 2010
320	Atlantic Distribution	Eastern	Akim-Oda	Esen Epam	4,11	271.8	0.0	191.1	191.1	80.7	Cedrela, Emire, Ofram, Mahogany	15th August, 2005
321	Nissi Kay Enterprise	Eastern	Akim-Oda	Esen Epam	27,34	83.5	0.0	0.0	0.0	83.5	N/A	29th July, 2019
322	Mike Asaam (ACMA Group)	Eastern	Begoro	Southern Scarp	87-90, 93-95 (Ahinkwa)	179.5	0.0	100.0	100.0	79.5	Teak, Cedrela	29th January, 2001
323	Paul Dra Awittor (All Youth Farmers Association (NGO))	Eastern	Begoro	Southern Scarp	BP190, 191 &192	50.3	0.0	5.0	5.0	45.3	Cedrela; Ofram; Emire; Teak	6th January, 2004
324	Apstar Enterprise	Eastern	Begoro	Southern Scarp	51, 53, 54, 56	323.4	0.0	144.0	144.0	179.4	Teak, Cedrela, Odum, Ceiba, Wawa, Kotreamfo, Ofram, Emire, Mahogany, Bako, Dahoma	9th January, 2004

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325	Evergreen Club of Ghana	Eastern	Begoro	Southern Scarp	1	50.0	0.0	50.0	50.0	0.0	Teak, Cedrela, Ofram, Emire, Cassia	-
326	Forest Research Institute of Ghana (FORIG)	Eastern	Begoro	Southern Scarp	Ahinkwa Series (Close to Farm 14)	50.0	0.0	50.0	50.0	0.0	Cedrela; Kyenkyen; Wonton; Kokrodua; Kusia; Ofram, Emire	2000
327	Forest Research Institute of Ghana (FORIG)	Eastern	Begoro	Southern Scarp	Apaa Series (2005-2006)	50.0	0.0	45.0	45.0	5.0	Cedrela; Kyenkyen; Wonton; Kokrodua; Kusia; Ofram, Emire	2000
328	Health and Environmental Monitor	Eastern	Begoro	Southern Scarp	Pimpimso Taungya Series	50.0	0.0	40.0	40.0	10.0	Teak, Cedrela	1st March, 2003
329	Kajoa Farms	Eastern	Begoro	Southern Scarp	16	100.0	0.0	44.0	44.0	56.0	Teak	-
330	Kasapreko Co. Ltd	Eastern	Begoro	Southern Scarp	FRBP 234-248	10.0	0.0	10.0	10.0	0.0	Mahogany; Cedrela	26th February, 2003
331	Oda Sawmills/Plywood Veneer Co. Ltd	Eastern	Begoro	Worobong South	64,65	124.0	0.0	92.0	92.0	32.0	Teak	1st January, 2001
332	OTK Farms	Eastern	Begoro	Worobong South	47, 48,52 (Portions)	13.1	0.0	13.1	13.1	0.0	Teak	25th January, 2006
333	Hon. Frederick Opare-Ansah	Eastern	Begoro	Worobong North	Bounded by FRBP 42-43	80.0	0.0	0.0	0.0	80.0	N/A	
334	Trust Link	Eastern	Mpraeso	Southern Scarp	Cpt 114 (Nkawanda No. 1)	100.0	0.0	20.0	20.0	80.0	Teak; Cedrela	25th January, 2006
335	BCS Limited	Eastern	Mpraeso	Northern Scarp	FRBP 42 and 44	50.0	0.0	0.0	0.0	50.0	N/A	21st April, 2006
336	Ahanns Ghana Limited	Eastern	Mpraeso	Southern Scarp	Pillars 267 and 150	20.0	0.0	10.0	10.0	10.0	Teak, Cedrela	6th July, 2005
337	Ebenezer B.C Enterprise	Eastern	Mpraeso	Southern Scarp	Pillars 267 and 150	20.0	0.0	10.0	10.0	10.0	Teak, Cedrela	6th July, 2005
338	CFSL Farms	Eastern	Mpraeso	Worobong South	Dwerebease	10.0	0.0	7.0	7.0	3.0	Teak	25th January, 2006
339	Collinsara & Sons	Eastern	Mpraeso	Southern Scarp	Dwerebease	20.0	0.0	10.0	10.0	10.0	N/A	27th February, 2008
340	Feneboat Enterprise	Eastern	Mpraeso	Southern Scarp	Kayera	50.0	0.0	50.0	50.0	0.0	Teak; Cedrela	2003
341	Jet Sawmills Limited	Eastern	Mpraeso	Southern Scarp	Dwerebease	66.3	0.0	41.0	41.0	25.3	Teak; Cedrela; Ofram	
342	Mosho Enterprise Limited	Eastern	Mpraeso	Southern Scarp	Pillars 267 and 150. Ntomeo	50.0	0.0	10.0	10.0	40.0	Teak, Cedrela	11th July, 2005
343	Mr. Yaw Baafi	Eastern	Mpraeso	Southern Scarp	FRBP 245 and 247	20.0	0.0	0.0	0.0	20.0	N/A	2006
344	Sir Hokoe Ghana Ltd	Eastern	Mpraeso	Southern Scarp	Bepoa/Obuam	50.0	0.0	25.0	25.0	25.0	Teak, Cedrela	6th January, 2003
345	Groman Company Limited	Eastern	Somanya	Volta River Block II	Between FRBP 36 and 37 near Agatom Community	120.5	0.0	8.8	8.8	111.7	Teak	16th July, 2009
346	Lordamn Ventures	Eastern	Somanya	Volta River Block I	Ayermasu	100.0	0.0	14.0	14.0	86.0	Teak	14th March, 2007
347	Odometa Agricultural Estates Limited	Eastern	Somanya	Volta Block I	Aboaborm/Bana	100.0	0.0	100.0	100.0	0.0	Teak	26th May, 2008
348	Nilecade Ventures 2010	Eastern	Somanya	Volta Block I	Aboam	100.0	0.0	0.0	0.0	100.0	N/A	17th March, 2010

## PRIVATE PLANTATION DEVELOPERS ON RESERVE - 2020

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349	Thrive Enterprise	Greater Accra	Tema/Ada	Fiankonya	1-16	300.0	10.0	83.7	93.7	206.3	Mahogany, Eucalyptus, Ceiba	29th September, 2005
350	Jaksally Co. Ltd	Savannah	Bole	Kenikeni	Grupe	50.0	0.0	50.0	50.0	0.0	Teak	26th January, 2004
351	Jen Kurige Seidu Adamu Company	Savannah	Bole	Kenikeni	Grupe	40.0	0.0	40.0	40.0	0.0	Teak	26th January, 2004
352	Khanzan Wura (GH) Ltd	Savannah	Bole	Kenikeni	Grupe	40.0	0.0	40.0	40.0	0.0	Teak	9th January, 2004
353	Africoop	Oti	Nkwanta	Chai River	Tutukpere	100.0	0.0	0.0	0.0	100.0	N/A	-
354	Noon Establishment Services (NES) (Nana Osei Broni)	Western North	Bibiani	Anhwiaso East	30,34	32.9	0.0	12.1	12.1	20.8	Cedrela	2004
355	Ohemaama Multi Ventures Limited	Western North	Bibiani	Anhwiaso East	21, 22, 23	301.1	0.0	10.0	10.0	291.1	Cedrela; Ofram; Emire; Mahogany	1st October, 2018
356	Kojina Plus Investment Limited	Western North	Bibiani	Anhwiaso East	63A	58.0	0.0	2.9	2.9	55.1	Cedrela	3rd May, 2019 28th March, 2019
357	Frankad Company Limited	Western North	Bibiani	Anhwiaso East	5		0.0	0.0	0.0	0.0	N/A	6th November, 2019
358	Samartex Timber and PlyWood Company Limited	Western	Enchi	Tano Nimire	50,51,52,53,54, 74,75,76,77	1,405.6	0.0	432.0	432.0	973.6	Cedrela, Mahogany, Ceiba, Emire, Ofram, Nyankom, Asanfena	3rd March, 2003
359	John Bitar & Co. Limited	Western North	Juaboso-bia	Bia-Tawya	Ahweafutu	1,024.0	0.0	48.1	48.1	975.9	Ofram, Emire & Teak	18th August, 1999
360	Leekandoh Ventures	Western North	Juaboso-bia	Krokosua Hills	203	128.0	0.0	0.0	0.0	128.0	N/A	6th June, 2016
361	John Bitar & Co. Limited	Western North	Juaboso-bia	Manzan	Yamatwa, Kaase & Ahimakrom (I - XIII)	541.7	0.0	29.0	29.0	512.7	Ofram, Mansonia, Emire, Edinam	
<b>TOTAL</b>						<b>95,727.3</b>	<b>1,242.3</b>	<b>37,264.1</b>	<b>38,506.4</b>	<b>57,220.9</b>		
	<b>FC/INDUSTRY PLANTATION</b>											
1	FC/Industry Plantation Development Fund Committee											
			Nkawie	Asenayo	27, 150, 151	175.0	0.0	144.7	144.7	30.3	Cedrela, Paulownia, Wawa, Ofram	
		Ashanti		Afram Headwaters	9	81.7	0.0	77.3	77.3	4.4	Teak	
			Offinso	Mankrang River	30, 35, 37, 38A, 38B, 40, 41, 42, 43, 44, 46, 45A, 45B	531.0	0.0	371.0	371.0	160.0	Cedrela, Teak, Ofram	
				Opro River	2, 99	100.3	0.0	100.3	100.3	0.0	Cedrela, Ofram	
		Bono	Dormaa	Pamu Berekum	92, 93, 94, 95, 96, 97, 98, 106, 107, 108, 109, 119, 120, 121, 122	1658.9	0.0	1148.0	1148.0	510.9	Teak	26th August, 2014
		Eastern	Akim-Oda	Esen Epam	3, 5,17, 20, 26	379.3	0.0	276.3	276.3	103.0	Cedrela, Ofram, Kusia, Wawa, Ceiba	
		Eastern	Akim-Oda	Pra Anum	FORIG RESEARCH WORKING AREA	171.7	0.0	171.7	171.7	0.0	Cedrela, Ofram, Kusia, Otie, Ceiba, Paulownia, Mansonia	
<b>TOTAL</b>						<b>3,097.9</b>	<b>-</b>	<b>2,289.2</b>	<b>2,289.2</b>	<b>808.7</b>		

NO.	COMPANY NAME	REGION	DISTRICT	FOREST RESERVE	COMPARTMENT/ SERIES	AREA ALLOCATED (Ha)	AREA PLANTED -2020 (ha)	PREVIOUS AREA PLANTED (ha)	AREA PLANTED TO DATE (ha)	AREA REMAINING TO BE PLANTED (ha)	SPECIES PLANTED	DATE OF APPROVAL/ALLOCATION
<b>FOREST PLANTATION DEVELOPMENT FUND AND MANAGEMENT BOARD PLANTATIONS</b>												
1	FPDFMB	Eastern	Akim-Oda	Esen Epam	12 (5 Blocks)	125.0	41.0	9.0	50.0	75.0	Cedrela; Ofram	
					14 (6 Blocks)							
		Bono	Sunyani	Tain II	318	125.0	50.0	75.0	125.0	0.0	Cedrela; Ofram; Emire; Mahogany	
					324							
		Ashanti	Mankranso	Tinte Bepo	92 (16 Blocks)	125.0		54.0	54.0	71.0	Cedrela; Ofram; Emire; Mahogany	
					93 (10 Blocks)							
<b>TOTAL</b>					<b>375.00</b>	<b>91.00</b>	<b>138.00</b>	<b>229.00</b>	<b>146.00</b>			
<b>PUBLIC-PRIVATE PARTNERSHIP (PPP)</b>												
1	Ecoplanet Bamboo WA I, LLC	Ashanti	Juaso	North Bandai Hills	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 24, 25	2818.7	0.0	923.4	923.4	1895.3	Bamboo	31st July, 2014
2	Ecoplanet Bamboo WA II, LLC	Ashanti	Juaso	Bandai Hills	4, 5, 17, 18, 19, 25, 32, 33, 34, 35, 46, 48, 49, 50, 51, 54, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 84, 86, 87, 88, 89, 90, 91, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 113, 114, 115, 116, 117, 118, 119, 120, 121	7804.6	0.0	0.0	0.0	7804.6	N/A	22nd April, 2016
3	MIRO Forestry (Ghana) Limited	Ashanti	Kumawu	Boumfum	87, 88, 94, 95, 105, 107, 110, 112, 115, 119, 130, 146, 154, 157	1791.0	1038.9	7055.1	8094.0	5818.2	Gmelina, Teak, Acacia, Eucalyptus, Gmelina	7th July, 2014
		Ashanti	Kumawu	Boumfum	121, 128, 137, 142, 152, 153	825.0						
		Ashanti	Kumawu	Boumfum	5, 6, 24, 51A, 60A, 71, 73, 74, 99, 100, 133, 214, 216, 217, 218, 219, 220	2053.7						12th August, 2016
		Ashanti	Kumawu	Boumfum	4, 17, 20, 21	512.0						26th May, 2017
		Ashanti	Kumawu	Boumfum	1, 116, 199, 205, 206, 207, 210, 211 & 215	1024.0						
		Ashanti	Mampong	Chirimfa	6, 9, 10, 11, 17, 24, 25, 30, 42, 43, 44, 45, 46, 47, 50, 51, 60, 61, 62, 65, 66, 70, 72, 75, 76, 78, 79, 80, 81, 83, 84, 85, 87, 89 & Portions of 4, 5, 8, 16 & 52	5890.4					Gmelina, Teak, Acacia, Eucalyptus (dominant)	12th April, 2017
Ashanti	Mampong	Awura	43, 44, 46, 47, 48, 50, 51, 52, 53, 54, 56, 57, 58, 59, 61, 62, 63, 64, 65, 66, 67, 68 & 69	1816.0	Gmelina, Teak, Acacia, Eucalyptus	13th September, 2017						

NO.	COMPANY NAME	REGION	DISTRICT	FOREST RESERVE	COMPARTMENT/ SERIES	AREA ALLOCATED (Ha)	AREA PLANTED -2020 (ha)	PREVIOUS AREA PLANTED (ha)	AREA PLANTED TO DATE (ha)	AREA REMAINING TO BE PLANTED (ha)	SPECIES PLANTED	DATE OF APPROVAL/ALLOCATION
4	Form Ghana Ltd	Bono	Sunyani	Tain II	28-39, 42-92, 97, 98, 102, 104, 107-129, 135-140	14576.0	719.9	6565.9	7285.8	7290.2	Teak (dominant) Ceiba, Maho	2013
5	Platinum Plantations Limited	Eastern	Akim-Oda	Esen Epam	9,10,13,15,19,20,21,22,23,24,28,29,30,31, 32 & 33	1,210.4	79.0	326.9	405.9	804.5	Rubber; Ceiba; Ofram; Mahogany; Teak	22nd October, 2015
6	Ziis Company Limited	Ashanti	Nkawie	Jimira Extension	14, 15, 16, 17, 18, 22, 25, 26	935.2	96.0	364.0	460.0	475.2	Teak	8th November, 2016
7	Guinea Forestry Limited	Ashanti	Nkawie	Jimira	10, 12, 13	1,388.9	0.0	0.0	0.0	1388.9	N/A	25th January, 2017
				Jimira Extension	19, 20, 23, 24, 27, 29, 30, 33, 35, 43		0.0	0.0	0.0		N/A	
				Ofin Shelterbelt	1, 3, 4, 5, 6, 12		0.0	0.0	0.0		N/A	
8	Rainbow Love Ventures	Ashanti	Offinso	Asubima	22; 23; 29; 36	473.0	155.0	115.0	270.0	203.0	Teak	17th April, 2019
9	Global Green Gold Ltd	Bono	Sunyani	Tain II	263, 264, 265, 266, 267, 271, 272, 273, 275, 281, 282, 283, 284, 285, 287, 288, 297 & 309	2,462.0	164.0	659.0	823.0	1639.0	Teak	8th August, 2017
10	Office Needs & Trading	Ashanti	Mankranso	Tinte Bepo	11 & 12	256.0	116.0	130.0	246.0	10.0	Teak; Cedrela	24th May, 2019
11	Impact Forestry Ltd	Ashanti	Mampong	Chirimfa	32, 35 & 39	443.2	0.0	0.0	0.0	443.2	N/A	30th April, 2018
12	Dreamscape Const. & Eng Limited	Ashanti	Mankranso	Tinte Bepo	36	125.2	0.0	0.0	0.0	125.2	N/A	1st April. 2019
13	Evans Timbers Ltd	Ashanti	Offinso	Opro River	19,22, 32, 33, 34, 35, 36, 37, 38, 39, 44, 45, 46, 47, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 70 & 71	3,956.5	750.0	1005.0	1755.0	2201.5	Teak	4th February, 2019
<b>TOTAL PRIVATE PLANTATION DEVELOPMENT (PPP)</b>						<b>51,129.8</b>	<b>3,118.8</b>	<b>17,144.3</b>	<b>20,263.1</b>	<b>30,866.6</b>		
<b>GRAND TOTAL ACHIEVEMENT PRIVATE PLANTATION DEVELOPMENT</b>						<b>147,232.1</b>	<b>4,452.1</b>	<b>54,546.4</b>	<b>58,998.5</b>	<b>88,233.6</b>		
<b>OUTSIDE FOREST RESERVE</b>												
1	African Plantations for Sustainable Development Ghana Ltd (APSD)	Bono	Atebubu	Off-reserve	N/A	86,000.0	0.0	8337.0	8,337.0	77,663.0	Eucalyptus, Acacia	
2	MIRO Forestry (Ghana) Limited	Ashanti	Kumawu	Off-reserve	N/A	437.5	0.0	222.8	222.8	214.7	Eucalyptus	
3	Newmont Golden Ridge Limited (A reforestation offset project)	Eastern	Kade	New Abirem OFR	N/A	60	0.0	60.0	60.0	-	Cedrela; Ofram; Emire; Mahogany; Ceiba; Kusia; Bamboo	12th December, 2014
<b>TOTAL</b>						<b>86,497.5</b>	<b>0.0</b>	<b>8,619.8</b>	<b>8,619.8</b>	<b>77,877.7</b>		

## QUANTITY OF SEEDLINGS PROCURED UNDER MTS AND YAP - 2020

Region	Forest District	<i>Acacia mangium</i>	Asan fena	Avriemfosamina	Bako	Bamboo	Cassia	Cedrela	Ceiba	Dahoma	Ednaam	Emire	<i>Eucalyptus nicholii &amp; Eucalyptus grandis</i>	Gmelina	Black Hyedua	Kokroodia
Ahafo	Bechem							40,206				1,260		5,000		940
	Goaso			150				273,400		200	2,000	8,500		10,000		
<b>Ahafo Total</b>				150				313,606		200	2,000	9,760		15,000		940
Ashanti	Bekwai					2,000		573,331				7,500				11,300
	Juaso							45,731								
	Kumawu															
	Mampong					1,300		12,351				252				
	Mankranso					1,200		84,033				8,500			1,000	
	New Edubiase							26,656	51,000			200				
	Nkawie		200					235,351	2,500		300	7,020		8,850		2,485
	Offinso															
<b>Ashanti Total</b>			200			4,500		977,453	53,500		300	23,472		8,850	1,000	13,785
Bono	Dormaa							18,800								10,100
	Sunyani							790				9,100	3,958	22,000		
<b>Bono Total</b>								19,590				9,100	3,958	22,000		10,100
Bono-East	Atebubu						63,649									
	Kintampo													257,600		
	Nkoranza							1,200				1,000				
<b>Bono-East Total</b>							63,649	1,200				1,000		257,600		
Central	Assin Fosu							596,253	390			20,200				600
	Cape Coast							20,432	6,629							
	Dunkwa							55,740		2,000					4,000	2,500
	Winneba						25,543	2,338				321				
<b>Central Total</b>							25,543	674,763	7,019	2,000		20,521			4,000	3,100
Eastern	Akim Oda							23,500								
	Begoro		500					37,882								
	Kade					1,000		77,203	1,000		200	15,650			909	650
	Mpraeso						294	8,460	3,100		1,000	2,815		30,156		
	Somanya															
<b>Eastern Total</b>			500				1,294	147,045	4,100		1,200	18,465		30,156	909	650
Gt. Accra	Amasaman															
	Eco-Park					14,854	7,870					767			312	
	Tema/Ada	4,000				8,000	20,000									
<b>Gt. Accra Total</b>		4,000				22,854	27,870					767			312	
North East	Walewale							70,618								
<b>North East Total</b>								70,618								
Northern	Tamale							39,400								
	Yendi															
<b>Northern Total</b>								39,400								
Oti	Jasikan							5,000	2,000							7,000
	Nkwanta															1,500
<b>Oti Total</b>								5,000	2,000							8,500
Savannah	Bole															
	Buie/Damongo															
<b>Savannah Total</b>																
Upper East	Bolgatanga															
	Navrongo															
<b>Upper East Total</b>																
Upper West	Lawra						12,700						50,800			
	Tumu						51,000									
<b>Upper West Total</b>							63,700						50,800			
Volta	Denu/Sogakope	1,450						9,556	2,780							
	Ho							2,180								
<b>Volta Total</b>		1,450						11,736	2,780							
Western North	Bibiani							809,230	2,000							
	Enchi							54,500				36,000				2,500
	Juaboso							579,500				28,500			3,000	
	Sefwi Wiawso				3,000			554,122	26,345	5,000	19,000	19,000	1,500	2,000		62,220
<b>Western North Total</b>					3,000			1,997,352	28,345	5,000	19,000	83,500	1,500	5,000		64,720
Western	Asankrangwa		500				5,000	31,000			43,500	21,000				5,500
	Takoradi							184,505	1,500							17,000
	Tarkwa		2,000		18			515	66,432			5,487			1,500	3,160
<b>Western Total</b>			2,500		18		5,515	281,937	1,500		43,500	26,487		1,500		25,660
<b>Grand Total</b>		5,450	3,200	150	3,018	27,354	309,325	4,417,946	99,244	7,200	66,000	193,072	54,758	335,106	12,721	127,455

## QUANTITY OF SEEDLINGS PROCURED UNDER MTS AND YAP - 2020

Region	Forest District	Kusia	Kyenkyen	African Mahogany	Mansonia	Neem	Nyankom	Okum	Ofram	Papao	African Rosewood	Royal Palm	Teak	Wawa	Grand Total
Ahafo	Bechem			4,000	3,000				12,600		2,500		714,716		784,222
	Goaso			63,400	300			4,500	88,400		5,000			150	456,000
<b>Ahafo Total</b>				<b>67,400</b>	<b>3,300</b>			<b>4,500</b>	<b>101,000</b>		<b>7,500</b>		<b>714,716</b>	<b>150</b>	<b>1,240,222</b>
Ashanti	Bekwai			51,110					62,430						707,671
	Juaso										5,000		167,710		218,441
	Kumawu												314,600		314,600
	Mampong			8,043					2,682	70			392,446		417,144
	Mankranso			67,400					163,866				231,400		557,399
	New Edubiase			3,800					52,400						134,056
	Nkawie	500		63,515	24,165			500	58,765		9,700		581,280	830	995,961
	Offinso										5,000		823,570		828,570
<b>Ashanti Total</b>		<b>500</b>		<b>193,868</b>	<b>24,165</b>			<b>500</b>	<b>340,143</b>	<b>70</b>	<b>19,700</b>		<b>2,511,006</b>	<b>830</b>	<b>4,173,842</b>
Bono	Dormaa			37,100					31,500	300	5,000		242,700		345,500
	Sunyani			34,480	2,500				105,540		5,000		399,203		582,571
<b>Bono Total</b>				<b>71,580</b>	<b>2,500</b>				<b>137,040</b>	<b>300</b>	<b>10,000</b>		<b>641,903</b>		<b>928,071</b>
Bono-East	Atebubu												63,062		126,711
	Kintampo			3,200									5,000		322,300
	Nkoranza			5,000					14,000						21,200
<b>Bono-East Total</b>				<b>8,200</b>					<b>14,000</b>		<b>5,000</b>		<b>119,562</b>		<b>470,211</b>
Central	Assin Fosu	200		29,300	1,200			3,954	23,363				138,682	2,700	816,842
	Cape Coast			10,000					10,000				10,000		57,061
	Dunkwa	1,000		3,000	2,000				13,000				18,155		101,395
	Winneba			9,089									21,836		59,127
<b>Central Total</b>		<b>1,200</b>		<b>51,389</b>	<b>3,200</b>			<b>3,954</b>	<b>46,363</b>				<b>188,673</b>	<b>2,700</b>	<b>1,034,425</b>
Eastern	Akim Oda			3,200					10,067						36,767
	Begoro			2,200					4,800				107,403	2,000	154,785
	Kade			5,405	500			5,000	45,871				3,350	3,220	159,958
	Mpraeso			2,720				1,500	3,060		3,500		44,562		101,167
	Somanya			4,724							2,500		11,871	60	19,155
<b>Eastern Total</b>				<b>18,249</b>	<b>500</b>			<b>6,500</b>	<b>63,798</b>		<b>6,000</b>		<b>167,186</b>	<b>5,280</b>	<b>471,832</b>
Gt. Accra	Amasaman			1,000											1,000
	Eco-Park			8,904					2,527						35,234
	Tema/Ada			3,000											35,000
<b>Gt. Accra Total</b>				<b>12,904</b>					<b>2,527</b>						<b>71,234</b>
North East	Walewale			19,675									212,470		302,763
<b>North East Total</b>				<b>19,675</b>									<b>212,470</b>		<b>302,763</b>
Northern	Tamale					8,125									99,468
	Yendi			1,300							2,000		111,280		114,580
<b>Northern Total</b>				<b>1,300</b>		<b>8,125</b>					<b>2,000</b>		<b>210,748</b>		<b>261,573</b>
Oti	Jasikan								26,000						40,000
	Nkwanta			12,874					49,654				97,774		161,802
<b>Oti Total</b>				<b>12,874</b>					<b>75,654</b>				<b>97,774</b>		<b>201,802</b>
Savannah	Bole										2,000		55,548		57,548
	Buipe/Damongo										2,000		77,002		79,002
<b>Savannah Total</b>											<b>4,000</b>		<b>132,550</b>		<b>136,550</b>
Upper East	Bolgatanga										2,000				2,000
	Navrongo										2,000				2,000
<b>Upper East Total</b>											<b>4,000</b>				<b>4,000</b>
Upper West	Lawra			7,620		1,080					6,000		50,800		129,000
	Tumu										2,000		21,000		74,000
<b>Upper West Total</b>				<b>7,620</b>		<b>1,080</b>					<b>8,000</b>		<b>71,800</b>		<b>203,000</b>
Volta	Denu/Sogakope			2,000					1,000			4,962	4,000		25,748
	Ho			602					4,150				16,076		23,008
<b>Volta Total</b>				<b>2,602</b>					<b>5,150</b>			<b>4,962</b>	<b>20,076</b>		<b>48,756</b>
Western North	Bibiani								88,710		5,000				904,940
	Enchi			43,000					72,000						208,000
	Juaboso			17,750	10,000				99,200						737,950
	Sefwi Wiawso		11,000	202,000	110,800			7,500	303,378		5,000		10,000	2,500	1,344,365
<b>Western North Total</b>			<b>11,000</b>	<b>262,750</b>	<b>120,800</b>			<b>7,500</b>	<b>563,288</b>		<b>10,000</b>		<b>10,000</b>	<b>2,500</b>	<b>3,195,255</b>
Western	Asankrangwa			79,000	3,500				138,000						327,000
	Takoradi			12,050	500		4,000		24,120						243,675
	Tarkwa	520		450	2,990		3,500	7	4,920						91,499
<b>Western Total</b>		<b>520</b>		<b>91,500</b>	<b>6,990</b>		<b>7,500</b>	<b>7</b>	<b>167,040</b>						<b>662,174</b>
<b>Grand Total</b>		<b>2,220</b>	<b>11,000</b>	<b>821,911</b>	<b>161,455</b>	<b>9,205</b>	<b>7,500</b>	<b>22,961</b>	<b>1,516,003</b>	<b>370</b>	<b>76,200</b>	<b>4,962</b>	<b>5,098,464</b>	<b>11,460</b>	<b>13,405,710</b>





## MTS DISBURSEMENT - 2020

LOCATION			BENEFICIARY			DISBURSEMENT						
FOREST DISTRICT	FOREST RESERVE	COMP./SERIES	MTS GROUP	LAND OWNER	LOCAL COMMUNITY	FC SHARE (40%)	MTS SHARE (40%)	LAND OWNER SHARE (15%)	LOCAL COMMUNITY SHARE (5%)	VAT EXCLUSIVE (GHc)	VAT/NHIL/GE TFUND	VAT INCLUSIVE (GHc )
Sunyani	Tain II	100	Mpatasie-Berekum Fire Volunteers	Berekum Stool/Trad. Council	Kotaa Community	1,898.88	1,898.88	712.08	237.36	4,747.20	830.76	5,577.96
Sunyani	Yaya	46	Amoakrom Taungya Farmers Association	Wenchi Stool/Traditional Council	Amoakrom Community	15,503.88	15,503.88	5,813.96	1,937.99	38,759.70	7,025.20	45,784.90
Sunyani	Tain II	278	Twumasikrom Taungya Farmers Association	Nsoatre Trational Coucil/Stool	Twumasikrom community	15,924.00	15,924.00	5,971.50	1,990.50	39,810.00	6,966.75	46,776.75
Sunyani	Tain II	99	Mpatasie-Berekum Fire Volunteers	Berekum Stool/Trad. Council	Kotaa Community	4,298.10	4,298.10	1,611.79	537.26	10,745.25	1,880.42	12,625.67
Dormaa	Pamu-Berekum	Kofiasua (2004 MTS)	Kofiasua Modified Taungya Group	Dormaa Stool/Traditional Council	Kofiasua Community	6,252.00	6,252.00	2,344.50	781.50	15,630.00	2,735.25	18,365.25
Sunyani	Yaya	42, 44	Ayigbe Taungya Farmers Association	Wenchi Stool/Traditional Council	Ayigbe Community	78,672.00	78,672.00	40,225.50	9,834.00	268,170.00	46,929.75	315,099.75
		44	Amoakrom Taungya Farmers Association		Amoakrom Community	28,596.00	28,596.00		3,574.50			
Sunyani	Yaya	26	Ayigbe Taungya Farmers Association	Wenchi Stool/Traditional Council	Ayigbe Community	30,714.00	30,714.00	11,517.75	3,839.25	76,785.00	13,437.38	90,222.38
Dormaa	Nsemere	15	Pepewase Modified Taungya Group	Wenchi Stool/Traditional Council	Pepewase	2,670.00	2,670.00	1,001.25	333.75	6,675.00	1,209.84	7,884.84
Sunyani	Nsemere	8	Amoakrom Nsemere Taungya Farmers	Wenchi Stool/Traditional Council	Amoakrom Community	11,958.00	11,958.00	4,484.25	1,494.75	29,895.00	5,418.47	35,313.46
Dormaa	Pamu-Berekum	81	OASL, Dormaa	Dormaa Stool/Traditional Council	Dormaa - Taforo Community	6,612.00	6,612.00	2,479.50	826.50	16,530.00	2,892.75	19,422.75
Sunyani	Yaya	30	Abrefakrom Taungya Farmers	Wenchi Stool/Traditional Council	Abrefakrom community	14,304.00	14,304.00	5,364.00	1,788.00	35,760.00	6,481.50	42,241.50
Sunyani	Nsemere	10	Buoku Taungya Farmers	Wenchi Stool/Traditional Council	Buoku community	14,640.00	14,640.00	5,490.00	1,830.00	36,600.00	6,405.00	43,005.00
Sunyani	Yaya	14	Sewua Taungya Farmers Association	Wenchi Stool/Traditional Council	Sewua community	21,312.00	21,312.00	7,992.00	2,664.00	53,280.00	9,324.00	62,604.24
Sunyani	Yaya	28	Abrefakrom Taungya Farmers	Wenchi Stool/Traditional Council	Abrefakrom community	4,248.00	4,248.00	1,593.00	531.00	10,620.00	1,924.88	12,544.88
Sunyani	Tain II	107	Mpatasie Mmoa Kuo Farmers Asso.	Berekum Stool/Trad. Council	Kotaa Community	4,428.00	4,428.00	1,660.50	553.50	11,070.00	1,937.25	13,007.25
Dormaa	Pamu-Berekum	36	Ntabene Modified Taungya Group	Dormaa Stool/Traditional Council	Ntabene community	8,118.00	8,118.00	3,044.25	1,014.75	20,295.00	3,551.63	23,846.63
<b>Sub-total</b>						<b>270,148.86</b>	<b>270,148.86</b>	<b>101,305.83</b>	<b>33,768.61</b>	<b>675,372.15</b>	<b>118,950.83</b>	<b>794,323.21</b>

## MTS DISBURSEMENT - 2020

LOCATION			BENEFICIARY			DISBURSEMENT						
FOREST DISTRICT	FOREST RESERVE	COMP./SERIES	MTS GROUP	LAND OWNER	LOCAL COMMUNITY	FC SHARE (40%)	MTS SHARE (40%)	LAND OWNER SHARE (15%)	LOCAL COMMUNITY SHARE (5%)	VAT EXCLUSIVE (GHc)	VAT/NHIL/GE TFUND	VAT INCLUSIVE (GHc)
Juaso	South Formangsu	7 & 8	Breku Taungya group	Asuboa Stool/Traditional Council	Pra-River community	79,204.00	79,204.00	29,701.50	9,900.50	198,010.00	35,889.31	233,899.31
Juaso	South Formangsu	2A & 4A	Manfe, Breku, Formangsu, Ndadieso and Akropong Taungya Farmers	Asuboa Stool/Traditional Council	Manfe, Breku, Formangsu, Ndadieso and Akropong Communities	20,754.00	20,754.00	7,782.75	2,594.25	51,885.00	9,079.88	60,964.88
Juaso	South Formangsu	10	Dadieso Modified Taungya Group	Asuboa Stool/Traditional Council	Dadieso Community	6,808.51	6,808.51	2,553.19	851.00	17,021.27	2,978.73	20,000.00
Juaso	South Formangsu	9	Dadieso Modified Taungya Group	Asuboa Stool/Traditional Council	Dadieso Community	17,021.27	17,021.27	6,382.97	2,127.66	42,553.19	7,446.81	50,000.00
Offinso	Mankrang River	7	Ankonum Taungya Teak Growing Farmers	Offinso Stool/Traditional Council	Ankonum community	11,352.00	11,352.00	4,257.00	1,419.00	28,380.00	4,966.50	33,346.50
Offinso	Opro River	88 and portions of 78	Adaa Forest Plantation Association	Offinso Stool/Traditional Council	Adaa Community	35,412.00	35,412.00	13,279.50	4,426.50	88,530.00	-	88,530.00
Offinso	Afrensu Brohuma	38	Meta/Amponsahkrom Teak Growers Association	Offinso Stool/Traditional Council	Meta/Amponsahkrom Communitites	38,554.65	38,554.65	14,457.99	4,819.33	96,386.32	16,867.96	113,254.28
Offinso	Afram Headwaters	87	Asuboi teak growers Association	Anyinasu Stool/Ejisu Traditional Council	Asuboi Community	51,090.00	51,090.00	19,158.75	6,386.25	127,725.00	23,150.16	150,875.16
Juaso	Mirasa Hills	7	Atta ne Attakrom & Ningo Modified Taungya Group	Kokofu Stool/Traditional Council	Atta ne Atta Community	76,296.00	76,296.00	28,611.00	9,537.00	190,740.00	34,571.43	225,311.43
Offinso	Afram Headwaters	61	Emma wani enha Farmers Association	Anyinasu Stool/Ejisu Traditional Council	Babadeasu/Kofiasse Communities	22,710.00	22,710.00	8,516.25	2,838.75	56,775.00	10,290.48	67,065.48
Juaso	Mirasa Hills	1	Dwendwenase Modified Taungya Farmers Asssociation	Kokofu Stool/Traditional Council	Dwendwenase community	40,851.00	40,851.00	15,319.11	5,106.37	102,127.50	17,872.50	120,000.00
Offinso	Afram Headwaters	47	Edensi Farmers Association	Anyinasu Stool/Ejisu Traditional Council	Kyekyewere community	13,578.00	13,578.00	5,091.75	1,697.25	33,945.00	6,152.53	40,097.53
Offinso	Afram Headwaters	129	Akrofua Taungya Community Group	Offinso Stool/Traditional Council	Akrofua community	12,312.00	12,312.00	4,617.00	1,539.00	30,780.00	5,386.50	36,166.50
Juaso	Dome River	22	Banso Taungya Group	Banso Stool/Traditional Council	Banso Community	29,352.00	29,352.00	11,007.00	3,669.00	73,380.00	13,300.13	86,680.13
Mampong	Pru-Shelterbelt	31 & 32	Dasagwa Modified Taungya Group	Nkoranza stool/Traditional Council	Dasagwa Community	2,928.00	2,928.00	1,098.00	366.00	7,320.00	1,281.00	8,601.00

## MTS DISBURSEMENT - 2020

LOCATION			BENEFICIARY			DISBURSEMENT						
FOREST DISTRICT	FOREST RESERVE	COMP./SERIES	MTS GROUP	LAND OWNER	LOCAL COMMUNITY	FC SHARE (40%)	MTS SHARE (40%)	LAND OWNER SHARE (15%)	LOCAL COMMUNITY SHARE (5%)	VAT EXCLUSIVE (GH¢)	VAT/NHIL/GE TFUND	VAT INCLUSIVE (GH¢)
Mampong	Pru-Shelterbelt	24, 25 & 26	Dasagwa Modified Taungya Group	Nkoranza stool/Traditional Council	Dasagwa Community	19,854.00	19,854.00	7,445.25	2,481.75	49,635.00	8,686.13	58,321.13
Mampong	Pru-Shelterbelt	30	Dasagwa Modified Taungya Group	Nkoranza stool/Traditional Council	Dasagwa Community	4,116.06	4,116.06	1,543.52	514.51	10,290.15	1,800.78	12,090.93
Offinso	Afram Headwaters	26	Kwapanin Taungya Group	Offinso Stool/Traditional Council	Kwapanin Community	6,714.00	6,714.00	2,517.75	839.25	16,785.00	3,042.28	19,827.28
Offinso	Afram Headwaters	39	Kwapanin Taungya Group	Offinso Stool/Traditional Council	Kwapanin Community	14,454.00	14,454.00	5,420.25	1,806.75	36,135.00	6,549.47	42,525.00
Offinso	Kwamisa	21	Ahwerewam Taungya Community Group	Offinso Stool/Traditional Council	Ahwerewam community	14,364.00	14,364.00	5,386.50	1,795.50	35,910.00	6,508.69	42,418.69
Mampong	Pru-Shelterbelt	53	Amanda MTS Group	Nkoranza stool/Traditional Council	Amanda community	3,720.00	3,720.00	1,395.00	465.00	9,300.00	1,627.50	10,927.50
Offinso	Kwamisa	31	Asikasu Taungya Farmers Group	Offinso Stool/Traditional Council	Asikasu community	20,202.00	20,202.00	7,575.75	2,525.25	50,505.00	9,154.03	59,659.86
Mampong	Pru-Shelterbelt	50,56,57 & 58	Kwafre Modified Taungya Group	Nkoranza stool/Traditional Council	Kwafre community	57,820.40	57,820.40	21,682.65	7,227.55	144,551.00	25,296.43	169,847.43
Offinso	Asufu West	14	Anhwerekrom community taungya group	Offinso Stool/Traditional Council	Anhwerekrom community	67,724.00	67,724.00	25,396.50	8,465.50	169,310.00	29,629.25	200,000.00
Offinso	Afram Headwaters	117	Bobra Taungya Group	Offinso Stool/Traditional Council	Bobra community	11,160.00	11,160.00	4,185.00	1,395.00	27,900.00	5,056.88	32,956.88
			Asotwe/Akrofua CFMP Group	Offinso Stool/Traditional Council	Asotwe/Akrofua community	6,042.00	6,042.00	2,265.75	755.25	15,105.00	2,737.78	17,842.78
Offinso	Mankrang River	33	Chiraa Modified Taungya Group	Offinso Stool/Traditional Council	Chiraa community	20,874.00	20,874.00	7,827.75	2,609.25	52,185.00	9,458.53	61,643.53
Offinso	Mankrang River	18	Chiraa Modified Taungya Group	Offinso Stool/Traditional Council	Chiraa community	10,956.00	10,956.00	4,108.50	1,369.50	27,390.00	4,964.44	32,354.44
			Mankranho modified taungya Group	Offinso Stool/Traditional Council	Mankranho community	19,350.00	19,350.00	7,256.25	2,418.75	48,375.00	8,767.97	57,142.97
Offinso	Afram Headwaters	57	Daban taungya farmers	Anyinasu Stool/Ejisu Traditional Council	Daban community	17,058.00	17,058.00	6,396.75	2,132.25	42,645.00	7,729.41	50,374.41
			Boakyekrom Modified Taungya Group	Anyinasu Stool/Ejisu Traditional Council	Boakyekrom community	4,026.00	4,026.00	1,509.75	503.25	10,065.00	1,824.28	11,889.28
Offinso	Afram Headwaters	55	Daban taungya farmers	Anyinasu Stool/Ejisu Traditional Council	Daban community	45,456.00	45,456.00	17,046.00	5,682.00	113,640.00	20,597.25	134,237.25

## MTS DISBURSEMENT - 2020

LOCATION			BENEFICIARY			DISBURSEMENT						
FOREST DISTRICT	FOREST RESERVE	COMP./SERIES	MTS GROUP	LAND OWNER	LOCAL COMMUNITY	FC SHARE (40%)	MTS SHARE (40%)	LAND OWNER SHARE (15%)	LOCAL COMMUNITY SHARE (5%)	VAT EXCLUSIVE (GHc)	VAT/NHIL/GE TFUND	VAT INCLUSIVE (GHc)
Juaso	Mirasa Hills	8	Ningo Taungya Farmers Asso.	Kokofu Stool/Traditional Council	Ningo community	37,332.00	37,332.00	13,999.50	4,666.50	93,330.79	16,916.06	110,246.85
Offinso	Afram Headwaters	56	Funifuni Modified Taungya Group	Anyinasu Stool/Ejisu Traditional Council	Funifuni community	40,851.06	40,851.06	15,319.15	5,106.38	102,127.66	17,872.34	120,000.00
Offinso	Afram Headwaters	3	Teak Growers Association of Asufu east	Offinso Stool/Traditional Council	Kyekyewere community	74,787.72	74,787.72	28,045.39	9,348.46	186,969.30	-	-
Juaso	South Formangsu	10	Dadieso Modified Taungya Group	Asuboa Stool/Traditional Council	Nnadieso community	21,879.14	21,879.14	8,204.68	2,734.89	54,697.87	9,572.13	64,270.00
Offinso	Afram Headwaters	66	Nkwankwaa Taungya Group	Offinso Stool/Traditional Council	Nkwankwaa community	12,500.80	12,500.80	9,849.30	3,283.10	65,662.00	-	-
						13,764.00	13,764.00					
Offinso	Mankrang River	44	Asuakwa Taungya Group	Offinso Stool/Traditional Council	Asuakwa community	13,836.00	13,836.00	5,188.50	1,729.50	34,590.00	6,269.44	40,859.44
<b>Sub-total</b>						<b>1,017,064.61</b>	<b>1,017,064.61</b>	<b>381,399.20</b>	<b>127,133.00</b>	<b>2,542,662.05</b>	<b>393,294.99</b>	<b>2,684,227.85</b>
Begoro	Worobong South	58, 59 & 60 / Exclusion (Sacred Grove)	Akukurutu, Besebuom, Peseator & Kronkronso Taungya Group 31st December Women's Movement	Begoro Stool/Akyem Abuakwa Trad. Council	Akukurutu, Besebuom, Peseator and Kronkronso Communities	34,143.00	34,143.00	25,607.25	8,535.75	170,715.00	30,942.09	201,657.09
						34,143.00	34,143.00					
<b>Sub-total</b>						<b>68,286.00</b>	<b>68,286.00</b>	<b>25,607.25</b>	<b>8,535.75</b>	<b>170,715.00</b>	<b>30,942.09</b>	<b>201,657.09</b>
<b>TOTAL</b>						<b>1,355,499.47</b>	<b>1,355,499.47</b>	<b>508,312.28</b>	<b>169,437.36</b>	<b>3,388,749.20</b>	<b>543,187.91</b>	<b>3,680,208.15</b>

YEAR	REGION	FC SHARE (40%)	MTS SHARE (40%)	LAND OWNER SHARE (15%)	LOCAL COMMUNITY SHARE (5%)	VAT EXCLUSIVE (GH )	VAT/NHIL/GETF UND	VAT INCLUSIVE (GH )
2020	Ashanti	1,017,064.61	1,017,064.61	381,399.20	127,133.00	2,542,662.05	393,294.99	2,684,227.85
	Bono	270,148.86	270,148.86	101,305.83	33,768.61	675,372.15	118,950.83	794,323.21
	Eastern	68,286.00	68,286.00	25,607.25	8,535.75	170,715.00	30,942.09	201,657.09
	<b>Total</b>		<b>1,355,499.47</b>	<b>1,355,499.47</b>	<b>508,312.28</b>	<b>169,437.36</b>	<b>3,388,749.20</b>	<b>543,187.91</b>



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