



ANNUAL REPORT 2021

GHANA FOREST
PLANTATION STRATEGY

GHANA FOREST PLANTATION STRATEGY

ANNUAL REPORT 2021

*FOREST SERVICES DIVISION OF THE
FORESTRY COMMISSION*

*Cover Photo: 'The President, H.E. Nana Addo Dankwa Akufo-Addo plants a
tree seedling (Tree of Life) at the Jubilee House on Green Ghana Day'
©Forestry Commission, Ghana, August, 2022*

TABLE OF CONTENT	I
LIST OF TABLES	III
LIST OF FIGURES	IV
LIST OF ACRONYMS	VI
EXECUTIVE SUMMARY	VII
ACHIEVEMENTS AT A GLANCE	X
1.0 INTRODUCTION	1
2.0 LANDSCAPE RESTORATION INTERVENTIONS	3
2.1 Forest Plantation Development	3
2.1.1 Forest Plantation Establishment Under Various Planting Components	4
I. National Afforestation/Reforestation Programme (NAP)	4
a. Youth In Afforestation/Reforestation Project (YAP)	4
b. Modified Taungya System (MTS)	5
c. Reforestation Offset Project By Golden Star Limited	5
d. Youth In Forest Plantation Enterprise Project (YFPEP)	6
e. Forest Landscape Restoration Through A Sustainable Wood Energy Value Chain Project	7
f. Creating Lands Of Opportunity: Transforming Livelihoods Through Landscape Restoration In The Sahel Project	8
II. Private Sector-Led Commercial Forest Plantation Development Initiatives	10
a. Private Plantation Developers On-Reserve (PPD)	10
b. Public-Private Partnership (PPP)	10
c. Tain II Landscape Restoration Programme	11
Regional Breakdown Of Forest Plantation Development Achievements – 2021	12
2.1.2 Green Ghana Day Initiative	13
2.1.2.1 Preparatory Activities For 2021 Green Ghana Day	13
a. Launch Of 2021 Green Ghana Day And Inauguration Of National Planning Committee	13
b. Strategic Partnerships With Major Stakeholders	14
c. Field Visits Prior To Green Ghana Day	14
2.1.2.2 Planting Achievements	15
Seedling Acquisition And Distribution	15
2.1.2.3 Impact Of Green Ghana Day On Landscape Restoration Efforts In Ghana	20
2.1.3. Maintenance/ Rehabilitation Of Existing Plantations	21
2.2 Enrichment Planting	21
2.3 Trees-On-Farm/Farm Forestry	21
2.4 Coppice Management	22
3.0 FOREST PLANTATION INVESTMENT PROMOTION	23
4.0 EMPLOYMENT CREATION AND SUSTAINABLE LIVELIHOODS	24
4.1 Job Creation And Livelihood Enhancement	24
4.2 Food Crop Production	25
4.3 Wildfire	26

5.0	INVESTMENT IN RESEARCH AND DEVELOPMENT, EXTENSION, TRAINING AND CAPACITY BUILDING	28
5.1	Research And Development	28
5.1.1	Genetic Improvement Of Forest Plantation Species	28
5.1.2	Rosewood Plantation Trials	28
5.1.3	Permanent And Temporary Sample Plots	29
5.1.3.1	Jimira Research Plots	29
5.1.3.2	Establishment Of Experimental Plots	31
5.2.1	Forest Trees Registration In Cocoa Farms	31
5.2.2	Integration Of NTFPS In MTS Plantation	31
5.2.3	Piloting The Incorporation Of Vanilla Plants Within Forest Plantations	31
5.3	Training And Capacity Building	31
5.3.1	Nursing Of Eucalyptus And Bamboo Seedlings	31
5.3.2	Training Of Nursery Operators Under ENFAL	32
5.3.3	Training In Post-Harvest Processing Of NTFPS	33
5.3.4	Training On Wildfire Prevention	33
5.3.5	FC/YAP Pilot Bee Keeping Project	34
5.3.6	Fourth World Teak Conference (WTC) 2022	34
6.0	GOVERNANCE	35
6.1	Disbursement Of Forest Plantation Timber Revenue To Key Stakeholders	35
7.0	PLANTATION TIMBER PRODUCTION	37
7.1	Plantation Timber Production In 2021	37
7.3	Value Addition and Export of Forest Plantation Timber	39
8.0	FINANCE	41
9.0	CHALLENGES	42
i.	Public Sector	42
ii.	Private Sector	42
10.0	CONCLUSION AND WAY FORWARD	43
1.	Review of the GFPS	43
2.	Drafting and Promulgation of the Forest Plantations Act	43
3.	Rationalisation of Private Sector Participation in Forest Plantations	44
4.	Verification and Validation of Planted Sites	44
5.	Maintenance of Established Forest Plantations including Wildfire Control	44
	APPENDICES	45
	APPENDIX I - Private plantation developers On-Reserve - 2021	46
	APPENDIX II - Quantity of seedlings procured under MTS and YAP-2021	63
	APPENDIX III - Quantity of seedlings lifted from FSD nurseries - 2021	65
	APPENDIX IV - Foodcrop production - 2021	67
	APPENDIX V - MTS disbursement - 2021	68

LIST OF TABLES

Table 1: GFPS Cumulative achievement (2017 - 2021).....	2
Table 2: Targets and Achievements for Forest Plantation Development in 2021	4
Table 3: FPDFMB Youth in Forest Plantation Enterprise Project (YFPEP).....	7
Table 4: Forest plantations established within degraded forest reserves in 2021	11
Table 5: Forest Plantations Established within Off-Reserve in 2021	11
Table 6: Regional Breakdown of Forest Plantations Established in 2021	12
Table 7: Source of Seedlings for 2021 Green Ghana Day.....	15
Table 8: Regional Breakdown of Seedlings Distributed and Verified Planted during 2021 Green Ghana Day	18
Table 9: Reported Achievements of Block Plantations Established During 2021 Green Ghana Day.....	20
Table 10: Maintenance activities undertaken in 2021 under different planting components.....	21
Table 11: Breakdown of Enrichment Planting Activities Undertaken in 2021	21
Table 12: Seedlings supplied for Trees-On-Farm/ Farm Forestry.....	22
Table 13: Jobs - Plantation Establishment and Maintenance for 2021	24
Table 14: Summary of regional food crop production achievement (t).....	25
Table 15: Regional Summary – Extent of wildfire outbreaks in 2021	26
Table 16: Regional summary of targets and achievements under Rosewood Plantation Trials - 2021	28
Table 17: Growth data on Rosewood seedlings in trial plots.....	29
Table 18: Summary of data collected from Jimira Research Plots.....	30
Table 19: Plant survival and growth dynamics in NGRL’s reforestation site.....	31
Table 20: Disbursement of Forest Plantation Revenue – 2021	35
Table 21: Regional Breakdown of signed SRAs.....	36
Table 22: Volume of plantation timber (m ³) harvested on-reserve in 2021	37
Table 23: Volume of plantation timber (m ³) harvested off-reserve in 2021.....	38
Table 24: Volume and Value of Products of the Major Exported Plantation Timber Species	39
Table 25: Forest landscape restoration expenditure and revenue.....	41

LIST OF FIGURES

Fig. 1: One-year old Teak trees planted under MTS module in Asubima Forest Reserve, Offinso Forest District – Ashanti Region	5
Fig. 2: Two-year old Cedrela stand (MTS) in Bosomtwe Forest Reserve, Bekwai Forest District – Ashanti Region	6
Fig. 3: 11-month old Cedrela stand established under YFPEP in Esen Epam Forest Reserve, Akim-Oda Forest District – Eastern Region	7
Fig. 4: Two-year old Teak stand established under PPP by Global Green Gold Co. Ltd. in Tain II Forest Reserve, Sunyani Forest District – Bono Region	10
Fig. 5: Regional Proportion of Forest Plantations Established in 2021	12
Fig. 6: Hon. Samuel A. Jinapor, Minister, MLNR, planting a Mahogany seedling in the Achimota Forest Reserve after the launch of Green Ghana Day	13
Fig. 7: Inauguration of the National Planning Committee at the Alisa Hotel in Accra	14
Fig. 8: The Chief Executive, FC, Mr. John M. Allotey and his team on a visit to the Asogli Traditional Council, Ho, Volta Region	15
Fig. 9: Inspection of a nursery site at the Juaboso Forest District, Western North Region by Deputy Chief Executive, FC, Hon. Martha Kwayie Manu	15
Fig. 10: Seedlings being conveyed by a Zoomlion truck from FC Headquarters to various distribution points in Accra	16
Fig. 11: Unveiling of plaque by Mrs. Claudia Turbay Quintero (Dean of Diplomatic Corps) Columbia Ambassador to Ghana to commemorate ceremonial tree planting by members of the Diplomatic Corps at the Seismological Centre in the Achimota Forest Reserve, Accra on GGD. In the shot is Mr. John M. Allotey (CE, FC), H.E. Grace Jeanet Mason (South African Ambassador to Ghana and Dr. Joyce Aryee, Co-Chair of the Finance Subcommittee of Green Ghana Project	16
Fig. 12: H.E. The President of the Republic of Ghana, Nana Addo-Dankwa Akufo Addo watering a tree he planted on GGD at the Jubilee House, Accra	17
Fig. 13: H.E. The Vice President, Alhaji Mahamudu Bawumia watering a tree he planted on GGD at the Jubilee House, Accra	17
Fig. 14: Rt. Hon. Alban S, Bagbin, the Speaker of Parliament watering a tree he planted at the Parliament House in Accra	17
Fig. 15: H.E. Rebecca Akufo-Addo, The First Lady of the Republic of Ghana planting a tree on GGD in Accra	17
Fig. 16: The National Chief Imam, Sheikh Osman Nuhu Sharubutu being assisted to plant a tree on Green Ghana Day at the Kanda Central Mosque, Accra	17
Fig. 17: Yaa Naa Abubakari Mahama II, Overlord of Dagbon Traditional Area planting a Mango seedling on GGD at his Palace in Yendi	17
Fig. 18: The Chairman of the Church of Pentecost (CoP), Apostle Eric Nyamekye planting a coconut seedling at the CoP General Headquarters, La, Accra to mark their planting activities under GGD celebration	17
Fig. 19: Dr. Aaron Ami-Narh, President of the Apostolic Church of Ghana, preparing to plant a coconut seedling at the church's prayer grounds at Asamankese, Eastern Region	18
Fig. 20: The CE, FC, Director of Operations, Plantations and Public Relations Manager, FC with the Vice Chancellor of UCC, Prof. John Nyarko Boampong inspecting one of the Green Ghana planted sites at UCC, Cape Coast	19

Fig. 21: Deputy CE, Mrs. Martha Kwayie Manu on a field visit to verify some Green Ghana planted sites within the Western North Region **19**

Fig. 22: Director of Operations (Plantations) planting a tree at the Ashesi University campus with Dr. Patrick Awuah, founder of Ashesi University..... **19**

Fig. 23: Former 1st Lady H.E. Nana Konadu Agyemang Rawlings planting a tree at the Achimota School, Accra during the J.J. Rawlings Foundation tree-planting program in support of Green Ghana **19**

Fig. 24: The Hon. Minister, MLNR, Mr. Samuel Abu Jinapor together with some dignitaries at the J.J. Rawlings Foundation tree-planting program at the Achimota School, Accra **19**

Fig. 25: Pupils from Achimota Basic 2 School in Accra watering a coconut seedling they had planted on their school compound **20**

Fig. 26: Pupils and teachers of Achimota Basic 1 School showing seedlings they have received to be planted at their homes **20**

Fig. 27: FC team on a field inspection at a coppice stand managed under contract by OTR Prestige Co. Ltd. in Awura Forest Reserve, Mampong Forest District – Ashanti Region..... **22**

Fig. 28: Coppice stand managed by Messrs Gentle Jesus Co. Ltd. at Tain II Forest Reserve, Sunyani Forest District – Bono Region **22**

Fig. 29: Graphical representation of regional breakdown of food crop production in 2021 **26**

Fig. 30: Dr. Charles Owubah inspecting one of his Vanilla farms at Adumanu in the Assin Fosu Forest District, Central Region **32**

Fig. 31: Vanilla vines within a Teak plantation owned by Dr. Charles Owubah at Kojo Alata-Akura near Krochua Forest Reserve, Assin Fosu Forest District..... **32**

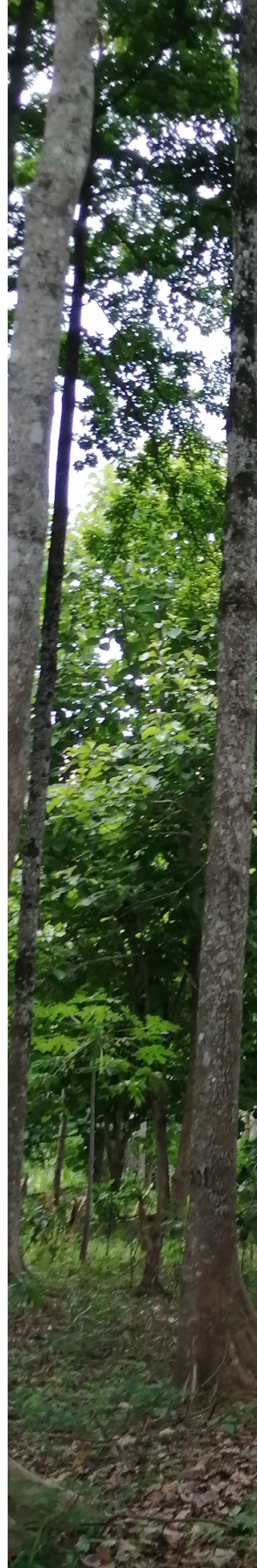
Fig. 32: FSD team on a field tour at one of the Vanilla farms. **32**

Fig. 33: A cross-section of participants from the Eastern Region being addressed by the training team from FC and UNDP in Koforidua, Eastern Region..... **33**

Fig. 34: Relative Contribution of Forest Plantations to Total Export of Timber and Wood Products (2007 – 2021) **39**

LIST OF ACRONYMS

AFR100	– African Forest Landscape Restoration Initiative
BSA	– Benefit Sharing Agreement
CFI	– Cocoa and Forest Initiative
ELCIR+	– Engaging Local Communities in REDD+
ENFAL	– Enhancing Natural Forest and Agroforest Landscapes
EPA	– Environmental Protection Agency
EP	– Enrichment Planting
FAO	– Food and Agriculture Organization
FC	– Forestry Commission
FLR	– Forest Landscape Restoration
FMNR	– Farmer-Managed Natural Regeneration
FP	– Forest Plantation
FPDFMB	– Forest Plantation Development Fund Management Board
FSD	– Forest Services Division
GFPS	– Ghana Forest Plantation Strategy
GGD	– Green Ghana Day
GIZ	– Gesellschaft für Internationale Zusammenarbeit
GNFS	– Ghana National Fire Service
GoG	– Government of Ghana
IMELS	– Italian Ministry of Environment, Land and Sea
IUCN	– International Union for Conservation of Nature
MMDAs	– Metropolitan, Municipal and District Assemblies
MoFA	– Ministry of Food and Agriculture
MTS	– Modified Taungya System
NAP	– National Afforestation/Reforestation Programme
NADMO	– National Disaster Management Organization
NTFPs	– Non-Timber Forest Products
OASL	– Office of the Administrator of Stool lands
PPD	– Private Plantation Developers
PPP	– Public-Private Partnership
PSPs	– Permanent Sample Plots
RMSC	– Resource Management Support Centre
SDGs	– Sustainable Development Goals
SRA	– Social Responsibility Agreement
STV	– Standing Tree Value
TEAKNET	– International Teak Information Network
ToF	– Trees-on-Farms
UNCCD	– United Nations Convention to Combat Desertification
UNDP	– United Nations Development Programme
WCF	– World Cocoa Foundation
WTC	– World Teak Conference
YAP	– Youth in Afforestation/Reforestation Project
YFPEP	– Youth in Forest Plantation Enterprise Project





EXECUTIVE SUMMARY

The launch of the Ghana Forest Plantation Strategy (GFPS, 2016-2040) has presented the country with an enhanced strategic document for the restoration of its deforested and degraded landscapes. 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 implemented through three (3) main forest landscape restoration strategies namely, the development of forest plantations (FP), enrichment planting (EP), and trees-on-farm (ToF) or farm forestry. These interventions are geared towards enhancing the recovery, resilience, functionality, and sustainability of the country’s diverse landscapes, offsetting the prevailing timber supply deficit, enhancing food security and economic opportunities for the rural communities, while at the same time creating opportunities for the country to access the emerging carbon and ecosystem services markets.

The report indicates the forest restoration achievements chalked under the GFPS in 2021 representing the fifth year of its implementation. A total area of 14,294.2 ha of forest plantation including industrial timber plantations, woodlots, watershed planting, etc. was established by the public sector under the National Afforestation/Reforestation Programme (NAP) while the private sector established 4,200.5 ha of forest plantations. Though the overall annual establishment target was achieved, the private sector’s achievement was far below expectation. Efforts must therefore be targeted at supporting the sector to perform better in the coming years. In all, the total area of deforested landscape restored under forest plantation establishment by both public and private sector amounted to 18,494.7 ha (Public – 14,294.2 ha and Private – 4,200.5 ha). Out of this figure, 17,719.3 ha was established in forest reserves while 775.4 ha was sited in off-reserve lands.

On March 23, 2021; the Hon. Minister of Lands



and Natural Resources launched the maiden edition of the Green Ghana Day (GGD) under the theme “Forest Landscape Restoration: Planting five (5) million trees in a day”. Prior to the GGD celebration on June 11, 2021, preliminary activities including stakeholder engagement and sensitization, identification and preparation of planting sites, production and procurement of required seedlings in terms of species and their respective quantities, and publicity were undertaken to ensure high patronage from people of all walks of life. These activities were implemented by the Forestry Commission (FC) with support of the National Planning Committee with its ancillary sub-committees namely; Finance, Operations and Logistics, Policy and Protocol, and, Monitoring and Reporting sub-committees. A total number of 7,193,424 seedlings was distributed for planting, out of which, the Forest Services Division of the Forestry Commission (FSD) verified 6,603,008 seedlings as planted during a field verification exercise carried out in July 2021. This figure represents 92% of the total number of seedlings distributed. The type of seedlings distributed and planted include timber, shade, ornamental, fruit and multi-purpose trees.

In 2021, enrichment planting of 5,145.5ha (102.9% of annual target) was undertaken within degraded and understocked forest reserve compartments using high value indigenous timber species. Species planted include Black Hyedua (*Guibourtia ehie*), Afromorsia (*Pericopsis elata*), Opronno (*Mansonia altissima*), Baku (*Tieghemella heckelii*), Wawa (*Triplochiton scleroxylon*), African Mahogany (*Khaya ivorensis*), Ofram (*Terminalia superba*) and Emire (*Terminalia ivorensis*). Under the trees-on-farm (farm forestry) component, a total of 2,252,877 timber tree seedlings were distributed to farmers for incorporation within their farming systems.

Overall, a total of 32.8 million tree seedlings was planted under the various landscape restoration interventions by government and the private sector during the year. Out of this total number, 18,795,719 tree seedlings were supplied by over 900 rural-based enterprises and individuals on contract to the Forest Services Division of the Forestry Commission (FSD). In addition, FSD and private plantation developers produced and supplied 6,927,259 and 5,600,106 tree seedlings respectively. Other stakeholders including

COCOBOD, World Cocoa Foundation (WCF), etc. reported distribution of 753,810 seedlings for incorporation into cocoa farms. A total of 724,005 seedlings was donated mainly by private companies and NGOs for the 2021 Green Ghana Day celebration.

A total of 101,997.7 tonnes (t) of food crops (74% increase over the previous year's achievement) was harvested within forest plantations, mainly under the Modified Taungya System (MTS). These were made up of cereals (9,220.5 t), plantain (71,374.1 t), tubers (17,751.6 t), vegetables (2,343.0 t), and legumes (1,308.5 t).

Plantation timber export continued its ascending trend with a total export volume of 171,157 m³ for the year made up of lumber, billets, rotary veneer, etc. This translated to 57% of total timber and wood products volume exported from Ghana during the period, an increase of 6 percentage points over the 2020 figure. Plantation timber exports in 2021 accounted for 47% of total timber and wood products export value of €136,752,549.25

The number of persons engaged in various forest landscape restoration activities were 80,378. Out of this number, 52,437 (65%) were male while 27,941 (35%) were female. Jobs were created mainly through forest plantation establishment and maintenance, enrichment planting and contract seedling production.

Challenges encountered during the year included; (i) Delay in the payment of monthly allowances to YAP beneficiaries leading to some agitations across the country. (ii) Annual wildfires; (iii) The destructive activities of free-range cattle and herders, and their close links to several wildfire occurrences especially within the Forest-Savannah Transition Zone and the Northern Savannah. (iv) Inadequate logistics for effective monitoring of field operations by FSD field staff e.g. motorbikes and 4x4 pick-up trucks.

As projected, the FAO Forest Plantation Chain of Custody Project was completed in 2021 and

the report submitted to FSD to mainstream the relevant recommendations into its operations.

It is anticipated that in 2022, the review of the GFPS will be completed while drafting of the Forest Plantation Act is expected to commence. Additionally, the FSD should be resourced to undertake verification and validation of 2019 to 2021 planted sites including those established by the private sector, to guide decision-making on maintenance/rehabilitation of sites and withdrawal of allocated areas of non-performing private developers.

ACHIEVEMENTS AT A GLANCE

CATEGORY	ANNUAL TARGET	2021 ACHIEVEMENT
Plantation Establishment On & Off Reserve (ha)	16,000	18,494.7
Plantation Maintenance On & Off Reserve (ha)	101,000	69,506.4
Enrichment Planting (ha)	5,000	5,145.5
Farm Forestry/Trees-On-Farm (No. of seedlings)	5,000,000	2,252,877
Green Ghana Day	5,000,000	7,193,424
Number of Seedlings Planted	Variable	32,800,899
Plantation Timber Harvested On & Off Reserve (m3)	150,000	203,991.9
Food Crop Production (tonnes)	25,000	101,997.7
Jobs (No. of Person Engaged)	62,500	80,378
Amount disbursed to stakeholders (OASL, Landowners, MTS Groups, MMDA's etc) (GH¢)	Variable	5,063,514.85

YEAR	PLANTATION	ENRICHMENT PLANTING (ha)	TREES-ON-FARM	
	ESTABLISHMENT (ha)		No. of seedlings	Est. Area (ha)
2017	8,725.0	4,488.9	4,169,475	126,348.0
2018	20,169.2	4,724.6	3,417,098	103,549.0
2019	25,004.2	4,563.1	2,261,247	67,823.9
2020	19,171.4	3,115.6	5,010,261	150,307.8
2021	18,494.7	5,145.5	2,252,877	72,079.6
TOTAL	91,564.5	22,037.7	17,110,958	520,108.3

1.0

INTRODUCTION

Pursuant to the 2012 Ghana Forest and Wildlife Policy, and Ghana Forest Plantation Strategy (GFPS): 2016 - 2040, the Forestry Commission is embarking on massive forest restoration using three main options namely; forest plantation development, enrichment planting and farm forestry (trees-on-farm). It is expected that the forest restoration efforts will among other things, result in the sustainable supply of plantation timber to satisfy the domestic and export markets while providing environmental benefits and livelihood enhancement of rural communities.

The GFPS provides an overarching framework for forest restoration that is well-fitted to Ghana's Development Agenda, relevant national policies and our international commitments such as 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.

In the long run, the GFPS is expected "to achieve sustainable supply of planted forest goods and services to deliver a range of economic, social and environmental benefits".

The goal of the GFPS is driven by five (5) strategic objectives as underlisted:

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 plantations 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 hectares 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 overall progress made since the implementation of the GFPS in 2017 stands at 633,147.2 ha as at the end of 2021 as presented in Table 1. So far, the cumulative achievements under the three main components of forest

restoration are: forest plantation (91,001.2 ha), enrichment planting (22,037.7 ha) and trees-on-farm constitutes (520,108.3 ha). However, part of 2019 area planted and all the sites established in 2020 and 2021 are yet to be verified.

In 2021, a total area of **95,719.8 ha** of degraded / deforested lands was brought 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 forest reserve compartments using high value indigenous timber species. The cumulative achievements from 2017 to 2021 are summarised in Table 1.

Table 1: GFPS Cumulative achievement (2017 - 2021)

COMPONENT	SUB-COMPONENT	INTERVENTION	YEAR												TOTAL (ha)
			2017		2018		2019		2020		2021		TOTAL (ha)		
			ON (ha)	OFF (ha)	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	5,051.3	533.9	28,092.5			
		MTS (FC)	3,323.6	2,243.9	-	6,426.2	-	7,637.4	-	8,259.0	-	27,890.1			
		MTS (FIP)	-	3,872.3	-	461.0	-	-	-	-	-	4,333.3			
		MTS REDD+ PROJECT	-	-	-	-	-	167.5	-	-	113.7	281.2			
		MTS (FC/MONDELEZ - ESP)	-	-	-	-	-	-	-	-	61.5	61.5			
		FC-INDUSTRY	640.0	519.0	-	350.0	-	-	-	-	-	1,509.0			
		FC (OTHER PLANTATIONS)	38.7	36.7	19.3	8.1	182.1	-	-	-	-	296.5			
		FIP (OTHER PLANTATIONS)	358.7	890.1	835.0	426.4	1,232.0	-	-	-	-	4,123.4			
		SLWMP	50.0	57.8	56.4	70.0	124.0	13.4	-	-	-	471.6			
		REFORESTATION OFFSET	170.0	-	-	-	-	46.0	-	-	4.0	220.0			
PRIVATE	PRIVATE	GIZ FLR PROJECT	-	-	-	-	-	-	-	-	237.3	237.3			
		YFPEP	-	-	-	138.0	-	187.0	-	33.5	-	358.5			
		PPP	2,451.5	3,812.7	-	4,617.0	-	3,118.8	-	2,906.3	-	16,906.3			
		PPD	320.1	613.0	430.8	692.0	-	1,242.3	-	1,264.5	-	4,975.6			
		TAIN II LRP	-	-	-	350.0	306.5	558.2	-	25.5	4.2	1,244.4			
		SUB-TOTAL	7,352.6	1,372.4	4,329.7	20,341.8	4,662.4	17,763.2	1,408.2	17,719.3	775.4	91,001.2			
		SUB-TOTAL	8,725.0	19,605.9	25,004.2	19,171.4	18,494.7								
		ENRICHMENT	NAP	YAP	-	1,391.7	-	4,533.1	30.0	3,115.6	-	3,907.9	-	12,978.3	
				FIP (OTHER PLANTATIONS)	4,198.9	3,332.9	-	-	-	-	-	-	-	7,531.8	
				OTHERS	290.0	-	-	-	-	-	-	1,237.6	-	1,527.6	
SUB-TOTAL	4,488.9	4,724.6	4,533.1	4,563.1	30.0	3,115.6	3,115.6	5,145.5	5,145.5	22,037.7					
TREES-ON-FARM	NAP	YAP	-	-	-	-	2,653.5	-	54,136.8	-	35,351.1	92,141.4			
		FIP	-	70,994.0	60,454.0	-	850.0	-	-	-	-	132,298.0			
		OTHER COLLABORATORS	-	55,354.0	43,095.0	-	64,320.4	-	96,000.0	-	35,828.1	294,597.5			
		TAIN II LRP	-	-	-	-	-	171.0	-	-	900.4	1,071.4			
SUB-TOTAL	126,348.0	103,549.0	67,823.9	150,307.8	72,079.6	520,108.3									
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	22,864.8	72,855.0	633,147.2		
			139,561.9	127,879.5	97,391.2	172,594.8	95,719.8								

Landscape restoration refers to processes undertaken to assist in the recovery of deforested, degraded and/ or damaged ecosystems. These processes eventually lead to the restoration of the ecological functionality of the affected landscapes while delivering several environmental and socio-economic benefits including improved human well-being, enhanced livelihoods, watershed protection, biodiversity conservation, amongst others.

In accordance with Strategic Objective 1 of the GFPS, this Section presents achievements of the three (3) broad landscape restoration measures undertaken in Ghana, namely: **Forest Plantation Development, Enrichment Planting and Trees-on-Farm/ Farm Forestry.**

The section also outlines reported achievements of coppice management of harvested teak stands and maintenance activities undertaken within sites under restoration.

2.1 Forest Plantation Development

The GFPS prescribes an annual target for the establishment of **25,000 ha** of forest plantations. However, with the emergence of the COVID-19 pandemic, the 2020 target was revised to 20,000 ha.

In 2021, the target was further revised downwards to **16,000 ha**, comprising a Public Sector target of 11,000 ha which was implemented under the National Afforestation/ Reforestation Programme (NAP) and a Private Sector target of 5,000 ha. Two major factors that contributed to the reduction of the targets were the COVID-19 pandemic and the observed under-performance of the Private Sector.

A total area of **69,506.4 ha** of existing forest plantations, enrichment planting sites and managed teak coppice stands was also earmarked for maintenance while **4,000 ha** of harvested Teak stands was targeted for regeneration through contract coppice management.

A person wearing a green uniform, a cap, and a face mask is walking on a dirt path through a dense, lush green forest. The path is surrounded by tall trees and undergrowth. A green semi-transparent box is overlaid on the image, containing the text '2.0 LANDSCAPE RESTORATION INTERVENTIONS'.

2.0

LANDSCAPE RESTORATION INTERVENTIONS

Notwithstanding the revision of the annual target, the Government of Ghana launched the Green Ghana Day initiative in March, 2021 as an annual event where the citizenry will be mobilised to undertake a massive tree planting exercise on a single day under the leadership of the President of the Republic of Ghana. The target for the 2021 Green Ghana Day was to plant 5 million trees. A detailed assessment of the impact of the Green Ghana Day on Ghana's landscape restoration efforts is presented in Section 2.1.2.

2.1.1 Forest Plantation Establishment Under Various Planting Components

A total area of **18,494.7 ha** of forest plantations was established in 2021. As presented in Table 2, the targets for the public sector was exceeded while the private sector was unable to achieve its set target for the year.

The predominant species planted during the year include *Tectona grandis* (Teak), *Cedrela odorata* (Cedrela), Eucalyptus (including hybrids), *Gmelina arborea* (Gmelina), *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 2: Targets and Achievements for Forest Plantation Development in 2021

Component	Original Target (ha)	Revised Target (ha)	Achievement (ha)
Public (NAP)	15,000	11,000	14,294.2
Private (PPP & PPD)	10,000	5,000	4,200.5
Total	25,000	16,000	18,494.7

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 landscape restoration intervention that involves the engagement of predominantly young people as beneficiaries to undertake rehabilitation of degraded and deforested landscapes nationwide and also support forest protection and management operations.

Implementation of the project commenced in April 2018 with the number of beneficiaries reaching about 50,000 by the end of the year. However, there has been a gradual reduction in the number of beneficiaries over the past three years mainly as a result of resignations usually when the beneficiaries obtain employment with other industries/companies. The total number of beneficiaries as at the end of 2021 was 33,394. The activities undertaken by the YAP beneficiaries in 2021 include amenity planting, taungya, direct planting, enrichment planting, raising of tree seedlings and maintenance of existing plantations. A total area of **5,585.2 ha** of forest plantations was established during the reporting period under YAP.

b. Modified Taungya System (MTS)

The MTS involves the establishment of forest plantations in degraded forest reserves by the Forest Services Division (FSD) in partnership with farmers from forest fringe communities. A distinctive feature of MTS is the defined roles and benefit sharing agreements between the Government, farmers, land owners and local communities. The farmers provide labour for site preparation, planting and plantation maintenance activities, while the FSD supervises and provides the required logistics including tree seedlings and pegs. The farmers are permitted to cultivate their food crops alongside the planted trees on the same piece of land for a period of three (3) years. The MTS 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. The MTS accounted for **8,434.2 ha** of forest plantations established in 2021. The breakdown of the MTS achievements is as follows:

- i. A total area of **8,259 ha** established nationwide under the 'traditional' MTS

approach involving partnership between FSD and the farmers;

- ii. An area of **113.7 ha** established in the Assin Fosu and Juaboso Forest Districts as part of the Ghana Cocoa Forest REDD+ Programme;
- iii. An area of **61.5 ha** established in Compartment 23 of the Ayum Forest Reserve in Goaso Forest District, Ahafo Region through partnership with FSD; Mondelez International/ UNDP under the Environmentally Sustainable Production Practices in Cocoa Landscapes Project (Phase 3); and farmers from the forest fringe communities.

c. Reforestation Offset Project by Golden Star Limited

Future Global Resources Limited formerly Golden Star (Bogoso/Pretea) 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 being undertaken by the company on a 16 ha land in



Fig. 1: One-year old Teak trees planted under MTS module in Asubima Forest Reserve, Offinso Forest District – Ashanti Region



Fig. 2: Two-year old Cedrela stand (MTS) in Bosomtwe Forest Reserve, Bekwai Forest District – Ashanti Region

the Opon Mansi Forest Reserve in the Dunkwa Forest District. The company established 46 ha of the allocated land in 2020. During the reporting period, the company established the remaining **4 ha** under the reforestation offset project.

d. Youth in Forest Plantation Enterprise Project (YFPEP)

The Youth in Forest Plantation Enterprise Project (YFPEP) is an initiative of the Forest Plantation Development Fund Management Board (FPDFMB). This initiative offers young entrepreneurs an opportunity to undertake commercial forest plantation development and become owners of the established stands. The GoG through the FPDFMB provides monthly allowance and logistical support to the young entrepreneurs. Implementation of YFPEP commenced

in 2019 within three (3) forest reserves, namely: Tain II (Sunyani Forest District), Tinte Bepo (Mankranso Forest District) and Esen Epam (Oda Forest District).

The Project commenced with an initial engagement of 75 young entrepreneurs who were designated as plantation supervisors. However, as a result of resignation and dismissals, the current number now stands at 63. Each Supervisor together with three (3) Assistants was allocated 5 ha degraded forest reserve land for plantation establishment. Assistants whose supervisors were either dismissed or resigned, were made to continue working on their allocated block. During the reporting period, a total area of **33.5 ha** was established. Consequently, a cumulative total area of **358.5 ha** has been established under the initiative out of the allocated area of 750 hectares (Table 3). Species planted include Teak, Cedrela, Ofram and African Mahogany.



Fig. 3: 11-month old Cedrela stand established under YFPEP in Esen Epam Forest Reserve, Akim-Oda Forest District – Eastern Region

Table 3: FPDFMB Youth in Forest Plantation Enterprise Project (YFPEP)

REGION	FOREST DISTRICT	FOREST RESERVE	COMPT.	AREA ALLOCATED (ha)	AREA PLANTED IN 2021 (ha)	CUMULATIVE AREA PLANTED 2019 – 2021 (ha)	NO. OF SUPERVISORS	NO. OF ASSISTANTS
Ashanti	Mankranso	Tinte Bepo	92, 93	250.0	0.0	150.0	21	75
Bono	Sunyani	Tain II	318, 323, 324	250.0	0.0	125.0	20	75
Eastern	Oda	Esen Epam	12, 14	250.0	33.5	83.5	22	75
TOTAL				750.0	33.5	358.5	63	225

e. Forest Landscape Restoration Through a Sustainable Wood Energy Value Chain Project

The project seeks to restore forest landscapes jointly with landowners and smallholder farmers in 10 selected charcoal-producing communities in the Savannah and Bono East Regions. The project is funded by a grant from the German Federal Ministry for the Environment, Nature Conservation and Nuclear Safety and is jointly implemented by GIZ, IUCN NL, A Rocha, Tropenbos and IUCN Ghana office. Project activities are being undertaken through partnership with key government institutions, mainly the Forestry Commission and Energy Commission. Activities implemented under the project are as follows:

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

Experiences from project implementation are fed into the implementation of the National Climate Change Policy and REDD+ strategy and contribute to the improvement of the framework for sustainable forest management and climate change mitigation in Ghana.

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 12 selected project communities in the Bono East (i.e., Babato, Nante, Anyima, Beposo, Adjalaja and Senyase) and Savannah (i.e., Kpulumbo, Bonyanto, Mognori, Yazori, Soalepe and Achubunyor) Regions.

The achievements of the project in 2021 are as follows:

- I. Establishment of three (3) community-based tree nurseries in Mognori, Beposo and Nante. The three (3) communities raised a total of 600,000 tree seedlings; which were distributed and planted. These included Shea (*Vitellaria paradoxa*), African Mahogany (*Khaya senegalensis*), Dawadawa (*Parkia biglobosa*), Rosewood (*Pterocarpus erinaceus*), Baobab (*Adansonia digitata*), Kapok (*Ceiba pentandra*), Afzelia (*Afzelia bella*), Tamarind (*Tamarindus indica*), Cassia (*Senna siamea*), Leucaena (*Leucaena leucocephala*), Acacia (*Acacia mangium*), Albizia (*Albizia lebbek*).
- II. Restoration of 994.3 ha of degraded forest and agroforestry areas. The areas include the planting of 237.3 ha of woodlots for woodfuel production, 493 ha of restoration areas, which include 387 ha of enrichment planting and 106 ha Farmer-Managed Natural Regeneration (FMNR), and the establishment of 264 ha of agroforestry sites.
- III. Engagement of 2,641 community members on nursery operations, site preparation, planting and weeding activities. 1,690 (64%) of the project beneficiaries were women, ensuring gender mainstreaming in forest landscape restoration, and 819 were youth (31%)
- IV. Provision of support for 207 smallholder farmers in the establishment of agroforestry systems including incorporation of fruit and native tree species in farming systems.
- V. Training of 170 wildfire volunteers in 12 communities within the project area for the prevention and suppression of uncontrolled bush fires. The volunteers were equipped with bamboo bicycles, fire beaters, knapsack sprayers, overalls, etc. and one motor tricycle per community for regular patrolling, support in controlled fires and wildfire suppression (firefighting).
- VI. Installation of three (3) Davis Instruments Vantage VUE weather stations at Atebubu, Nante and Damongo and 12 fire danger index sign boards to provide daily information on current wildfire risks to the communities.
- VII. Distribution of 5,000 improved cookstoves to increase efficiency in the use of wood energy and reduce the deforestation caused by charcoal production.

f. Creating Lands of Opportunity: Transforming Livelihoods through Landscape Restoration in the Sahel Project

The project is funded by the Italian Ministry of Environment, Land and Sea (IMELS) through the Global Mechanism of the United Nations Convention to Combat Desertification (UNCCD) for a period of 3 years (August 2020-July 2023). The overall objective is to make a significant and sustainable contribution towards landscape restoration in the Sahel Region while creating income-generating activities for local communities in Burkina Faso, Ghana and Niger.

The specific objectives are to;

- (1) Promote landscape restoration and facilitate the sustainability of these actions through the creation of land-based jobs and income-generating opportunities for rural populations across the Sahel, particularly benefiting women and youth,
- (2) Promote and strengthen the enabling environment for leveraging investments for landscape restoration benefiting local communities in selected countries in the Sahel and

- (3) Improve the livelihoods of rural communities by establishing sustainable production of high-value drylands products to connect local producers to international markets.

IUCN is the lead implementing Agency of the project together with identified Partners in all the three countries. In Ghana, the project is implemented in four (4) districts and eight (8) communities namely: Dalaasa and Naadema (Buisa South District); Yamerga and Awaradone (Talensi District); Tarikom and Gbango, (Bawku West District) Nanchala and Sakalu (Sisala East District) within the Upper East and Upper West Regions. IUCN is implementing the project in partnership with EPA, A Rocha Ghana and CSI-SARI.

Project achievements during the reporting period are as follows:

- (1) Engagement of 360 project beneficiaries from the communities, including 184 women. The beneficiaries were sensitized on sustainable agricultural practices and provided tree seedlings for planting along river banks and on community conserved lands;
- (2) A total area of 200 ha was put under restoration, including 140 ha within agricultural lands (trees-on-farm) and 60 ha of enrichment planting.

II. PRIVATE SECTOR-LED COMMERCIAL FOREST PLANTATION DEVELOPMENT INITIATIVES

During the reporting period, the private sector established a total area of **4,200.5 ha** of forest plantations under the following sub-components:

a. Private Plantation Developers On-Reserve (PPD): This PPD approach involves the allocation of degraded forest reserve lands by the Forestry Commission to private entities after their reforestation plans have been vetted and approved by the Forestry Commission and their Land Lease and Benefit Sharing Agreements subsequently signed by

the major stakeholders. The Forestry Commission undertakes monitoring of the operations of the private entities to ensure compliance with the terms and conditions of the Agreements 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 **1,264.5 ha** was reported established in 2021 under this sub-component.



Fig. 4: Two-year old Teak stand established under PPP by Global Green Gold Co. Ltd. in Tain II Forest Reserve, Sunyani Forest District – Bono Region

b. Public-Private Partnership (PPP): This sub-component also involves the release of degraded forest reserve lands to private entities. However, the FC has responsibility for additional activities including: survey and demarcation; pillaring; registration of Land Lease and Benefit Sharing Agreements; community fire education; and provision of support towards fire-fighting. Similar to the PPD approach, FC also undertakes 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 (negotiable) to the landowner as “Drink Money”. An area of **2,906.3 ha** was developed using the PPP approach during the reporting period.

c. Tain II Landscape Restoration Programme

The Tain II Landscape Restoration Programme was implemented by Form Ghana Limited in collaboration with FC; Berekum, Nsoatre, Seikwa and Suma Traditional Councils; the Berekum Municipal Assembly and Sunyani West District Assembly. Implementation of the project ended in November, 2021. The project sought to promote the restoration of natural forests and increase productivity of agricultural lands to improve the livelihood of the communities surrounding the Tain II Forest Reserve. The entire landscape covered by the project is approximately 117,027 ha. Project achievements during the reporting year are as follows:

1. Establishment of **25.5 ha** green firebreak along the boundaries of the Tain II Forest Reserve;
2. Establishment of **4.2 ha** green firebreak off-reserve;
3. Maintenance of **1,075 ha** of riparian planting undertaken along the Tain River;
4. Reduction of incidence of wildfire outbreak in the landscape by **78 percent** during the duration of project implementation (2018 – 2021);
5. Establishment of **606.2 ha** of climate smart farms. An additional **900.4 ha** of existing agricultural landscapes was put under restoration using climate smart approaches.

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

Out of the total area of **18,494.7 ha** of forest plantations established in 2021, **17,719.3 ha** was established within degraded forest reserves (Table 4) while the remaining **775.4 ha** was established within off-reserve areas (Table 5).

Table 4: Forest plantations established within degraded forest reserves in 2021

COMPONENT	UNIT	YAP	FC / COLLABORATION	REF. OFFSET	YFPEP	PPP	PPD	TAIN II LANDSCAPE PROJECT	TOTAL (ha)
Direct Planting	ha	4,471.8	-	4.0	33.5	2,906.3	1,264.5	-	8,680.1
Modified Taungya System	ha	-	8,434.2	-	-	-	-	-	8,434.2
Taungya	ha	468.4	-	-	-	-	-	-	468.4
Seed Orchard	ha	63.6	-	-	-	-	-	-	63.6
Experimental/Trial Planting	ha	11.0	-	-	-	-	-	-	11.0
Model Plantation	ha	36.5	-	-	-	-	-	-	36.5
Green Firebreaks	ha	-	-	-	-	-	-	25.5	25.5
Total		5,051.3	8,434.2	4.0	33.5	2,906.3	1,264.5	25.5	17,719.3

Table 5: Forest Plantations Established within Off-Reserve in 2021

COMPONENT	UNIT	YAP	GIZ FLR PROJECT	TAIN II LANDSCAPE PROJECT	TOTAL
Direct Planting	ha	128.57	-	-	128.57
Amenity/ Avenue planting	ha	125.37	-	-	125.37
Watershed planting	ha	75.21	-	-	75.21
Green Firebreaks	ha	-	-	4.2	4.2
Woodlots	ha	204.79	237.3		442.09
Total		533.9	237.3	4.2	775.4

Regional Breakdown of Forest Plantation Development Achievements – 2021

As observed since the commencement of the implementation of the GFPS, Ashanti Region recorded the highest forest plantation establishment in 2021, accounting for **40%** of the total area established.

Table 6: Regional Breakdown of Forest Plantations Established in 2021

Region	Area Established (ha)
Ahafo	1,116.5
Ashanti	7,339.7
Bono	1,692.5
Bono East	491.0
Central	909.2
Eastern	1,059.9
Greater Accra	201.9
North East	171.9
Northern	171.7
Oti	178.8
Savannah	286.0
Upper East	193.3
Upper West	405.8
Volta	142.2
Western	468.7
Western North	3,665.7
Sub-total	18,494.7

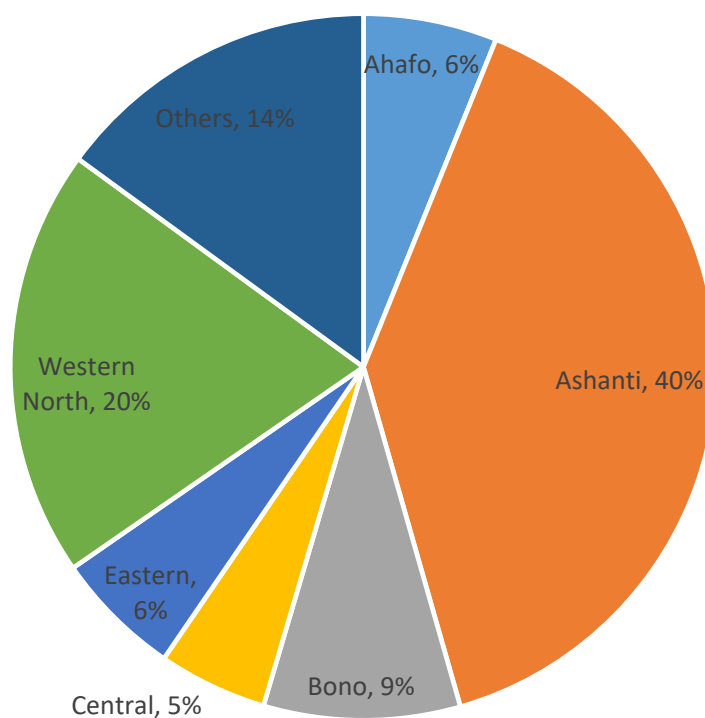


Fig. 5: Regional Proportion of Forest Plantations Established in 2021

2.1.2 Green Ghana Day Initiative

The maiden Green Ghana Day was celebrated on 11th June, 2021. Green Ghana Day is one of the flagship initiatives by H. E. Nana Addo Dankwa Akufo-Addo, the President of the Republic of Ghana. The vision of the President is to mobilise all citizens to undertake massive tree planting on a single day annually. The target for the 2021 Green Ghana Day was planting of five (5) million tree seedlings on the designated day. The Green Ghana Day Initiative seeks to achieve the following objectives:

- (1) Green and beautify public spaces within communities and households;
- (2) Restore deforested and degraded watersheds;
- (3) Support national efforts targeted at mitigating climate change;
- (4) Create enhanced national awareness on the necessity for collective action towards restoration of degraded landscapes in the country; and

- (5) Inculcate the values of planting and nurturing trees and their associated benefits in the youth; and
- (6) Improve livelihoods of rural communities through their engagement in the production and sale of tree seedlings and other related activities.

2.1.2.1 Preparatory Activities for 2021 Green Ghana Day

Launch of 2021 Green Ghana Day and Inauguration of National Planning Committee

The 2021 Green Ghana Day (GGD) was launched by the Hon. Minister of Lands and Natural Resources on 23rd March, 2021 at the Forestry Commission Headquarters. During the launch, the Hon. Minister unveiled the theme of the 2021 GGD as: **'Forest Landscape Restoration: Planting 5 million trees in a day'**. Following the launch of the 2021 GGD, the Hon. Minister, MLNR inaugurated a National Planning Committee on



Fig. 6: Hon. Samuel A. Jinapor, Minister, MLNR, planting a Mahogany seedling in the Achimota Forest Reserve after the launch of Green Ghana Day

13th April, 2021. The Committee was chaired by Hon. Benito Owusu Bio, Deputy Minister for Lands and Natural Resources. The multi-stakeholder National Planning Committee was made up of 60 members drawn from the Ministry of Lands and Natural Resources, Forestry Commission, Ghana Cocoa Board, Ghana Revenue Authority, Volta River Authority, Minerals Commission, Trade Union Congress, Ghana Union of Traders Association, Zoomlion and the Security Agencies. The Committee had responsibility for overseeing the implementation of the 2021 GGD under the leadership of the Honourable Minister for Lands and Natural Resources. The Committee's work was organised under



Fig. 7: Inauguration of the National Planning Committee at the Alisa Hotel in Accra

four main sub-committees which comprised the Finance and Fund Raising, Operations and Logistics, Publicity and Protocol and, the Monitoring and Reporting sub-committees.

Strategic Partnerships with Major Stakeholders

As part of measures to enhance effective participation from key stakeholders, the MLNR and FC forged strategic partnership with various stakeholder groups including Church of Pentecost (CoP), Presbyterian Church of Ghana, Apostolic Church - Ghana, Catholic Church, Ghana Education Service, etc. These key stakeholders made significant pledges and contributed immensely to the success of the 2021 Green Ghana Day.

Field Visits Prior to Green Ghana Day

A series of field visits were undertaken by the Minister of Lands and Natural Resources, Deputy Ministers of Lands and Natural Resources, Chief Executive and Members of the Executive Management Team and Senior Managers of the Forestry Commission nationwide to inspect the status of preparatory activities for the 2021 Green Ghana Day. The inspection teams assessed the level of preparedness of the Forestry Commission offices for the Green Ghana Day activities and also inspected degraded sites identified as well as the tree nurseries earmarked for supply of tree seedlings for planting. In addition, during the field visits, the teams also conducted radio/ TV interviews to raise awareness of the initiative and



Fig. 8: The Chief Executive, FC, Mr. John M. Allotey and his team on a visit to the Asogli Traditional Council, Ho, Volta Region



Fig. 9: Inspection of a nursery site at the Juaboso Forest District, Western North Region by Deputy Chief Executive, FC, Hon. Martha Kwayie Manu

also address any observed operational difficulties associated with the Green Ghana Day activities.

2.1.2.2 Planting Achievements

Seedling Acquisition and Distribution

The seedlings distributed for the 2021 Green Ghana Day were obtained from three (3) main sources as presented in Table 7.

Table 7: Source of Seedlings for 2021 Green Ghana Day

SOURCE	QUANTITY OF SEEDLINGS DISTRIBUTED
FSD Central Nurseries	1,367,782
Seedlings Procured	5,101,637
Donation	724,005
TOTAL	7,193,424

The seedlings were distributed at the following locations across the nation:

- I. FC Head Office
- II. All Regional FSD/ WD Offices
- III. All FSD District Offices
- IV. FSD Range Quarters
- V. Chief's Palaces/ Community Centres
- VI. MMDAs premises, Shopping malls, Police Stations, Churches, Mosques and other places of worship.

Zoomlion Gh. Ltd. played an integral role in the transportation of some of the tree seedlings nationwide. They provided trucks for conveyance of seedlings across selected regions in the country. Some churches, individuals and corporate groups also provided their own means of transportation to convey seedlings to the planting sites.



Fig. 10: Seedlings being conveyed by a Zoomlion truck from FC Headquarters to various distribution points in Accra

The 2021 Green Ghana Day received massive patronage from all stakeholder groups in Ghana. Seedling distribution commenced during the last week of May. A total number of **7,193,424 seedlings** was distributed for planting, out of which, the FSD at the end of July verified **6,603,008 seedlings** as planted (Table 8).



Fig. 11: Unveiling of plaque by Mrs. Claudia Turbay Quintero (Dean of Diplomatic Corps) Columbia Ambassador to Ghana to commemorate ceremonial tree planting by members of the Diplomatic Corps at the Seismological Centre in the Achimota Forest Reserve, Accra on GGD. In the shot is Mr. John M. Allotey (CE, FC), H.E. Grace Jeanet Mason (South African Ambassador to Ghana and Dr. Joyce Aryee, Co-Chair of the Finance Sub-committee of Green Ghana Project



Fig. 12: H.E. The President of the Republic of Ghana, Nana Addo-Dankwa Akufo Addo watering a tree he planted on GGD at the Jubilee House, Accra



Fig. 13: H.E. The Vice President, Alhaji Mahamudu Bawumia watering a tree he planted on GGD at the Jubilee House, Accra



Fig. 14: Rt. Hon. Alban S, Bagbin, the Speaker of Parliament watering a tree he planted at the Parliament House in Accra



Fig. 15: H.E. Rebecca Akufo-Addo, The First Lady of the Republic of Ghana planting a tree on GGD in Accra



Fig. 16: The National Chief Imam, Sheikh Osman Nuhu Sharubutu being assisted to plant a tree on Green Ghana Day at the Kanda Central Mosque, Accra



Fig. 17: Yaa Naa Abubakari Mahama II, Overlord of Dagbon Traditional Area planting a Mango seedling on GGD at his Palace in Yendi



Fig. 18: The Chairman of the Church of Pentecost (CoP), Apostle Eric Nyamekye planting a coconut seedling at the CoP General Headquarters, La, Accra to mark their planting activities under GGD celebration



Fig. 19: Dr. Aaron Ami-Narh, President of the Apostolic Church of Ghana, preparing to plant a coconut seedling at the church's prayer grounds at Asamankese, Eastern Region

Table 8: Regional Breakdown of Seedlings Distributed and Verified Planted during 2021 Green Ghana Day

Region	Target (No. of Seedlings)	Total No. of Seedlings Distributed	Total No. of Seedling Verified Planted	Percentage Verified Planted (%)
Ahafo	170,000	204,145	193,835	95%
Ashanti	1,000,000	1,523,951	1,451,187	95%
Bono	250,000	604,868	547,349	90%
Bono East	300,000	377,941	373,298	99%
Central	400,000	649,719	598,285	92%
Eastern	750,000	942,104	821,407	87%
Gt. Accra	450,000	593,757	527,821	89%
North East	120,000	150,189	143,969	96%
Northern	250,000	277,563	266,263	96%
Oti	150,000	248,277	222,853	90%
Savannah	250,000	228,064	185,319	81%
Upper East	170,000	188,127	133,800	71%
Upper West	150,000	235,931	224,431	95%
Volta	200,000	212,888	212,598	99%
Western	420,000	297,520	279,675	94%
Western North	250,000	458,380	420,918	92%
TOTAL	5,280,000	7,193,424	6,603,008	92%



Fig. 20: The CE, FC, Director of Operations, Plantations and Public Relations Manager, FC with the Vice Chancellor of UCC, Prof. John Nyarko Boampong inspecting one of the Green Ghana planted sites at UCC, Cape Coast



Fig. 21: Deputy CE, Mrs. Martha Kwayie Manu on a field visit to verify some Green Ghana planted sites within the Western North Region



Fig. 22: Director of Operations (Plantations) planting a tree at the Ashesi University campus with Dr. Patrick Awuah, founder of Ashesi University

As part of the Green Ghana Day tree planting, the J.J. Rawlings Foundation organised a tree planting exercise at the Achimota School in Accra on 12th June, 2021 in memory of the late President, Jerry John Rawlings. The event brought together dignitaries including the Hon. Samuel A. Jinapor, Minister MLNR, the former First Lady, Nana Konadu Agyemang Rawlings, the Chief Executive, FC, Mr. John M. Allotey, the Dean of Diplomatic Corps (Columbian Ambassador to Ghana) Mrs. Claudia Turbay Quintero, among others (see Figure 23 and 24).



Fig. 23: Former 1st Lady H.E. Nana Konadu Agyemang Rawlings planting a tree at the Achimota School, Accra during the J.J. Rawlings Foundation tree-planting program in support of Green Ghana



Fig. 24: The Hon. Minister, MLNR, Mr. Samuel Abu Jinapor together with some dignitaries at the J.J. Rawlings Foundation tree-planting program at the Achimota School, Accra



Fig. 25: Pupils from Achimota Basic 2 School in Accra watering a coconut seedling they had planted on their school compound



Fig. 26: Pupils and teachers of Achimota Basic 1 School showing seedlings they have received to be planted at their homes

2.1.2.3 Impact of Green Ghana Day on Landscape Restoration Efforts in Ghana

The Green Ghana Day was well-patronised and resulted in enhanced awareness creation on the importance of landscape restoration efforts in Ghana. Most of the distributed trees were planted by individuals within their homes and public spaces. It is therefore difficult to estimate the exact area put under restoration during Green Ghana Day. However, a couple of the stakeholders undertook block plantations using their own workforce on Green Ghana Day. The reported achievements by the stakeholder groups are outlined in Table 9.

Table 9: Reported Achievements of Block Plantations Established During 2021 Green Ghana Day

Name of Organisation	Number of Seedlings Planted on Green Ghana Day	Estimated Area Planted (ha)	Site
Form Ghana Limited	100,000	90.0	Tain II Landscape including the Tain II Forest Reserve
Miro Forestry Gh. Limited	83,300	75.0	Boumfum, Chirimfa, Awura and Abrimasu Forest Reserves
Sakam Savanna	20,000	18.0	Afram Headwaters Forest Reserve
Global Green Gold	3,500	3.0	Tain II Forest Reserve
TOTAL	206,800	186.0	

2.1.3. Maintenance/ Rehabilitation of Existing Plantations

A total area of 59,927.5 ha was maintained/ rehabilitated during the reporting period under various planting components as detailed in Table 10. The maintenance activities undertaken in the existing forest plantation coupes include weeding, pruning, thinning, as well as protection of the stands from wildfire, pests and diseases.

Table 10: Maintenance activities undertaken in 2021 under different planting components

COMPONENT/PROJECT	AREA MAINTAINED (ha)
1. Youth in Afforestation/ Reforestation Project	7,125.8
2. MTS	10,675.9
3. Reforestation Offset-Project by Newmont Golden Ridge Limited	317.0
4. Private Plantation Developers	37,070.5
5. FC-Timber Industry Plantations	3,428.6
6. YFPEP	234.7
7. Tain II Landscape Restoration Programme	1,075.0
TOTAL	59,927.5

2.2 Enrichment Planting

During the reporting period, a total area of **5,145.5 ha** of poorly stocked forests and Convalescence compartments was improved through enrichment planting under four (4) initiatives as captured in Table 11.

Table 11: Breakdown of Enrichment Planting Activities Undertaken in 2021

COMPONENT/ PROJECT	ENRICHMENT PLANTING UNDERTAKEN (ha)
YAP	3,907.9
Ghana Cocoa Forest REDD+ Programme	790.6
GIZ FLR Project	387.0
IUCN LOG-ME Project	60.0
Total	5,145.5

A total area of 7,365.7 ha of previous enrichment planting sites were maintained.

2.3 Trees-on-farm/Farm Forestry

During the reporting period, the trees-on-farm intervention was undertaken under YAP, IUCN's Creating Lands of Opportunity Project and the GIZ-sponsored FLR project through the efforts of other actors. A total number of 1,499,067 tree seedlings was reported supplied to farmers under YAP and the Ghana Cocoa Forest REDD+ Project, covering an estimated area of 49,928.3 ha.

The World Cocoa Foundation (WCF) also reported that its members distributed a total of 694,897 tree

seedlings to farmers to plant within cocoa farms in 2021 under the Cocoa & Forest Initiative (CFI).

In addition, a total area of 1,304.4 ha of agricultural lands was put under restoration under the TAIN II Landscape Restoration, IUCN LOG-ME and GIZ FLR Projects. Details are as follows:

Table 12: Seedlings supplied for Trees-On-Farm/ Farm Forestry

COMPONENT	SEEDLINGS SUPPLIED FOR PLANTING IN FARMS	ESTIMATED AREA (ha)
YAP	1,178,369	35,351.1
GCFRP	320,698	14,577.2
Tain II Landscape Programme	30,013	900.4
GIZ-FLR Project	26,400	264.0
IUCN LOG-ME	2,500	140.0
CFI	694,897	20,846.9
TOTAL	2,252,877	72,079.6

2.4 Coppice Management

Contract coppice management was re-introduced during the reporting year as an intervention to address challenges associated with the deployment of YAP beneficiaries to undertake the activity in previous years. A total area of **177.1 ha** of contract coppice management was undertaken during the reporting period as compared to a target of 4,000 ha. The major reason that contributed to the significantly low performance last year was that most of the contractors found the contract sum too low (as a result of high cost of fuel and labour) and subsequently petitioned for an upward review. Following petitions and concerns raised by the contractors, the contract rate has been reviewed for the 2022 contract coppice management activities to address the noted concerns.



Fig. 27: FC team on a field inspection at a coppice stand managed under contract by OTR Prestige Co. Ltd. in Awura Forest Reserve, Mampong Forest District – Ashanti Region



Fig. 28: Coppice stand managed by Messrs Gentle Jesus Co. Ltd. at Tain II Forest Reserve, Sunyani Forest District – Bono Region



3.0

FOREST PLANTATION INVESTMENT PROMOTION

Benefits and Incentives for Investors

Large-scale forest plantations require huge investments and are susceptible to various risks including wildfires, diseases and pests. The Government of Ghana has therefore provided some incentives and benefits such as exemptions from tax and levies for importation of plants, machinery, equipment or parts of machinery that are not zero rated. In addition, the Government also provides grants and loans through the FPDFMB and incentives for special investment, which are applicable to investors undertaking commercial forest plantation development. The beneficiary companies include Asuboa Wood Treatment Limited and Miro Forestry (Gh) Limited.

The implementation of the existing framework defining the space for private plantation development is administered through land lease and benefit sharing agreements and an approved reforestation plan. For the period in perspective, no Land Lease and/ or Benefit Sharing Agreement was signed. Sixteen (16) companies were allocated degraded forest reserve lands with estimated total area of 4,929 ha.

Addenda to the Land Lease and Benefit Sharing Agreements relating to the development of commercial bamboo and indigenous tree plantations in Bandai Hills Forest Reserve were signed by the Parties. Similarly, an addendum to the Benefit Sharing Agreement governing the establishment of commercial bamboo and indigenous tree plantations in North Bandai Forest Reserve was signed. The addenda in both instances will generate additional revenue to the Investor, Landowner and the Forestry Commission (representing Government of Ghana).

To date, a total of 361 companies and individuals have been allocated a total of 155,888.8 ha of deforested forest reserve land for forest commercial plantation development.



4.0

EMPLOYMENT CREATION AND SUSTAINABLE LIVELIHOODS

4.1 Job Creation and Livelihood Enhancement

Job creation is the focus of strategic objective three (3) 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. In 2021, a total of 80,378 jobs were created nationwide. Table 13 shows the summary of jobs created under the various interventions. Overall, 65% males and 35% females were engaged in 2021.

Table 13: Jobs - Plantation Establishment and Maintenance for 2021

Intervention	Type of Job	Total No. of Jobs in 2021	Gender	
			No. of Males	No. of Females
FC/YAP	Contract	33,394	25,708	7,686
FIP	Temporary (Contract labour)	3,735	2,550	1,185
MTS	Temporary (3-4 years)	30,723	16,239	14,484
Private Developers	Full-Time	4,545	3,115	1,430
Trees-on-farms	Temporary/Seasonal	4,002	2,391	1,611
FPDFMB YFPEP	Temporary	288	222	66
Seedling production	Temporary	3,691	2,212	1,479
Total		80,378	52,437	27,941

Apart from the direct jobs, several indirect jobs were created through transportation, food vending, construction and harvesting operations were created nationwide. In 2021, a total of GH¢15,891,007.40 worth of tree seedlings were procured from individuals and community groups who raised and supplied a total of **13,060,209** tree seedlings to the various planting programmes under the National Afforestation /Reforestation Programme (NAP) such as YAP and MTS (See Appendix II for details of the species). These payments will contribute substantially to poverty reduction among these community groups and individuals and their households, across the country.

Additionally, a total of 7,333,981 tree seedlings were raised from the various FSD/ YAP nurseries to augment the seedling supply for planting programs under the NAP. Out of this number, a total of **5,559,477** tree seedlings were lifted/ distributed to various planting sites within on and off reserve areas in 2021 (See Appendix III for details of the species).

4.2 Food Crop Production

Food crop production from forest plantation sites contributes significantly to the attainment of national food security. Available records on food crop production showed that 101,997.7 t was produced during the year from the forest plantation sites nationwide, notably from the MTS and Taungya sites. Figure 29 shows the summary of major food crops produced in the year under review. Appendix IV provides a breakdown of the various food crops and their quantities produced in 2021. A summary of food crop production per region is shown in Table 14.

Table 14: Summary of regional food crop production achievement (t)

REGION	PLANTAIN (t)	CEREALS (Maize, Millet, Rice) (t)	TUBERS (Cocoyam, Yam) (t)	LEGUMES (Beans, Cowpea, Groundnut, Sorghum) (t)	VEGETABLES (Tomato, Pepper, Garden Eggs) (t)	TOTAL FOOD PRODUCTION (t)
Ashanti	15,942.9	2,310.3	6,374.3	240.7	267.6	25,135.8
Bono	0.3	1,030.8	611.4	18.5	5.2	1,666.2
Bono East	34.9	374.0	1,631.8	60.7	-	2,101.4
Ahafo	10,123.9	402.0	1,777.7	433.3	129.5	12,866.4
Central	6,701.5	734.0	600.0	25.5	87.7	8,148.7
Eastern	3,971.2	842.4	348.5	-	102.1	5,264.2
Greater Accra	-	-	-	-	8.0	8.0
Savannah	-	71.5	998.5	73.3	2.0	1,145.3
North East	-	631.6	-	193.8	-	825.4
Northern	-	74.9	107.1	67.0	-	249.0
Upper East	-	59.6	96.4	48.5	-	204.5
Upper West	-	25.5	264.5	52.2	-	342.2
Oti	-	28.4	298.8	-	3.1	330.3
Volta	-	-	-	-	-	-
Western North	31,307.0	1,728.8	3,924.9	94.4	698.8	37,753.9
Western	3,292.4	906.7	717.7	0.6	1,039.0	5,956.4
TOTAL	71,374.1	9,220.5	17,751.6	1,308.5	2,343.0	101,997.7

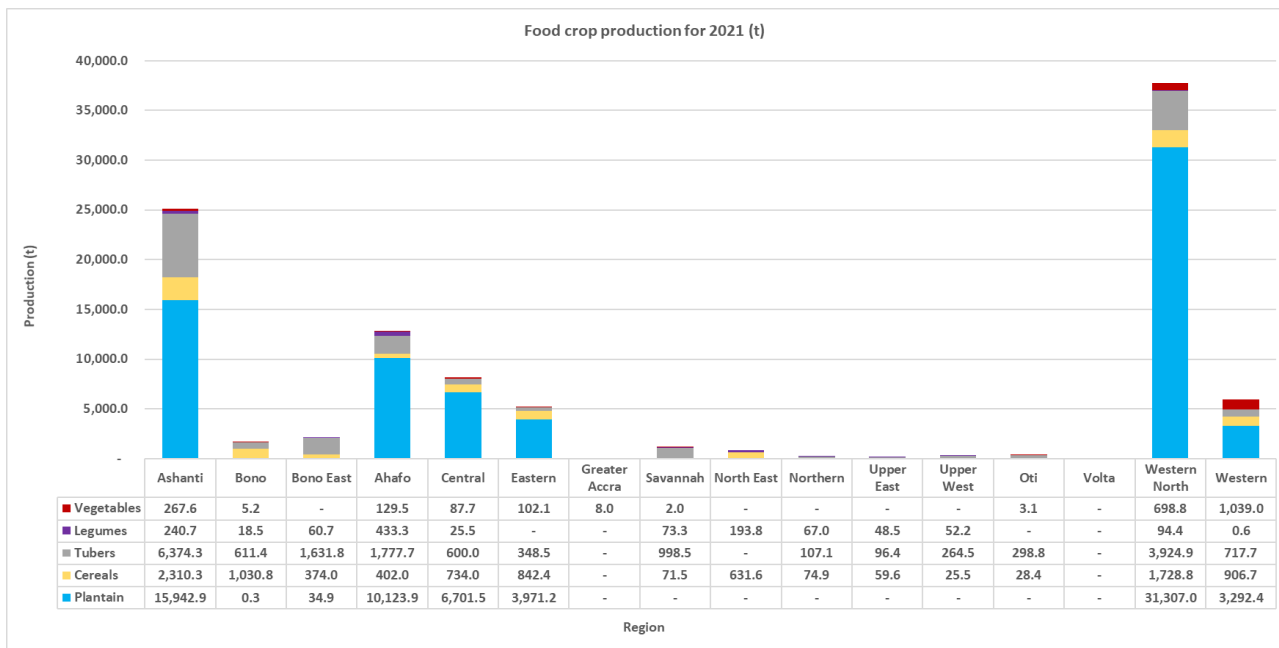


Fig. 29: Graphical representation of regional breakdown of food crop production in 2021

4.3 Wildfire

Wildfire outbreak is a major threat to forest plantation development in Ghana. Reported cases of wildfire occurrence during the year under review covered an estimated total area of 9,221.1 ha within forest reserves. Table 15 provides a breakdown of fire occurrence in the various Regions in 2021 fire season.

Table 15: Regional Summary – Extent of wildfire outbreaks in 2021

REGION	TOTAL AREA AFFECTED BY WILDFIRE (ha)
Ahafo	7.1
Ashanti	2,640.3
Bono	1,062.2
Bono East	6.0
Eastern	1,449.5
Greater Accra	-
Northern	233.2
North East	119.5
Oti	3,123.5
Savannah	73.9
Upper East	91.5
Upper West	100.8
Volta	302.0
Western North	-
Western	-
Total	9,221.1

To mitigate its nationwide occurrence during the year under review, the following wildfire prevention

and pre-suppression activities were undertaken:

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

5.0

INVESTMENT IN RESEARCH AND
DEVELOPMENT, EXTENSION, TRAINING
AND CAPACITY BUILDING

5.1 Research and Development

5.1.1 Genetic Improvement of forest plantation species

The seed orchards which were established in previous years under the ELCIR+ Project of the Forest Investment Programme with Gmelina, Teak, Eucalyptus, Gliricidia and Cedrela seeds procured from Costa Rica and Tanzania were maintained across the project areas and selected forest districts outside the project area within the country.

5.1.2 Rosewood Plantation Trials

The Rosewood plantation trials being piloted across three (3) ecological zones (Northern Savannah, Dry Semi-Deciduous and Moist Semi-Deciduous) in Ghana, is aimed at studying the growth dynamics and the feasibility of establishing large-scale commercial plantations across the country.

The 87.2 ha of Rosewood trials established within the three (3) ecological zones in the previous years in eight (8) forest districts within six (6) regions were maintained. In 2021, a total of **57.0 ha** was established in eight (8) forest districts (Dormaa, Bibiani, Lawra, Goaso, Bechem, Sunyani, Assin Fosu and Nkawie).

Table 16: Regional summary of targets and achievements under Rosewood Plantation Trials - 2021

Region	Target (ha)	Area Reported Planted (ha)
Upper West	4.0	5.0
Bono	8.0	16.4
Ashanti	4.0	12.0
Western North	4.0	4.3
Ahafo	8.0	14.3
Central	4.0	5.0
Total	32.0	57.0

Growth data on Rosewood seedlings in trial plots established by RMSC in 2020 was collected in December 2021. Status (survival and level of maintenance) of all the plots was verified. Details of plots are given below:

Table 17: Growth data on Rosewood seedlings in trial plots.

Location	Area (ha)	Percentage Survival	Average Height (m)	Average Diameter (cm)
Kumbo (Yendi)	2.0	68	0.17	Negligible
Kenikeni (Bole)	2.0	-	0.85	Negligible
Nuale (Lawra)	1.0	60	0.18	Negligible
Bosomoa (Kintampo)	1.0	70	0.24	Negligible

Plots established in the Kenikeni Forest Reserve recorded the highest average height of 0.85m. All other plots showed slower growth with an average height of 0.19m.

5.1.3 Permanent and Temporary Sample Plots

Five (5) Permanent Sample Plots (PSPs) were established in 2021 by the RMSC in two forest reserves as indicated below:

- Nuale FR, Lawra Forest District, two (2) plots of dimensions 30m x 30m each were planted with *Eucalyptus thomsonii* at a planting distance of 5m x 5m.
- Bosomoa F/R (Compartment 62) in the Kintampo Forest District, two (2) plots with dimension 60m x 60m each were planted with Rosewood (*Pterocarpus erinaceus*), at an initial spacing of 5m x 5m and 1 (one) plot of dimension 30m x 30m was planted with Gmelina (*Gmelina arborea*), at a planting distance of 4m x 4m.

Baseline data for the five (5) plots have been captured to aid future monitoring of the plots.

Already established PSPs were visited for monitoring and re-measurement towards the generation of growth database for production of growth models and yield curves. One plot (60m x 60m) of *Tectona grandis* species at 3m x 3m spacing was re-measured in Compartment 17 of South Formangsu Forest Reserve in the Juaso Forest District. Two plots of *Tectona grandis* (100m x 100m) planted at a spacing of 3m x 3m and *Gmelina arborea* species (100m x 100m) planted at a spacing of 5m x 5m were each re-measured within Compartments 7 and 70 of the Afram Headwaters and Opro Forest Reserves respectively in the Offinso Forest District.

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 (30m x 30m) in Boumfum, Chirimfa and Awura Forest Reserves and Form Ghana Limited, 444 PSPs (circular plots with a radius of 15.8m) in Asubima Forest Reserve.

5.1.3.1 Jimira Research Plots

Data was collected from nine (9) research plots in the Jimira Forest Reserve, Nkawie Forest District. Diameter and height measurements were undertaken with a sampling intensity of 5%. Average

diameter and height of each plot were recorded. Maintenance of the 8-ha field trial plot, the clonal seed orchard and coppice stands in the Jimira Forest Reserve were undertaken in the year under review.

Table 18: Summary of data collected from Jimira Research Plots

Stand	Area (ha)	Year of Est.	Species	Spacing	Mean DBH (cm)	Mean Height (m)	Mean Tree Vol. (m ³)	Remarks
Teak	1.0	2009	Teak	4m x 4m	23.05	13.21	0.63	Malformed trees could be removed to provide space for girth increment of remaining trees
Teak	1.0	2009	Teak	5m x 5m	26.38	13.04	0.79	
Wawa	1.0	2010	Wawa	5m x 5m	32.39	14.11	1.20	The stand should be cleaned to promote growth of seedlings used in beating up
Teak (Kihuhwi)	2.0	2012	Teak	3m x 3m	21.02	14.40	0.53	York (<i>Broussentia papyrifera</i>) trees within the Kihuhwi stands must be removed to reduce competition
Coppiced Clonal Seed Orchard	5.9	2015	Teak	9m x 9m	23.83	9.12	0.46	The plot requires weeding and pruning to promote good plant health and removal of damaged branches to encourage new growth.
Mixed species	1.0	2018	Ofram	5m x 5m	5.42	3.96	Beating up should be undertaken within the 2018 and 2019 mixed species stands.	
			Emire		7.78	4.35		
			Edinam		7	3.00		
			Koto		4.63	3.83		
Ofram	1.0	2018	Ofram		12.46	5.97		
Mixed species	1.0	2019	Edinam	5m x 5m		1.1		
			Emire			3.53		
			Koto			0.7		
			Mansonia			0.99		
			Ofram			3.3		
Rosewood	0.6	2019	Rosewood	6m x 6m		0.63	Failed areas within the Rosewood stand should be cleared and replanted	

5.1.3.2 Establishment of experimental plots

Newmont Golden Ridge Limited continued to carry out data collection within their ten (10) PSPs on growth and survival of tree seedlings in the Reforestation Offset Project areas in Kweikaru Forest Reserve and Maman off-reserve. Table 19 indicates the previous statistics obtained from the analysis.

Table 19: 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

5.2.1 Forest trees registration in cocoa farms

Following the successful registration of 139 cocoa farms planted with indigenous species in the Sefwi Wiawso, Akontombra and Bodi Districts under RA-Olam landscape project, a final verification exercise on trees registered by Rainforest Alliance was carried out. A joint RMSC/FSD team within the Sefwi Wiawso, Akontombra and Bodi districts did the verification. The RMSC with support from Rainforest Alliance undertook the following activities:

1. Verification of farmer and farm details including farm size.
2. Verification of tree details including number and type of species as well as tree coordinates.

A total of 7 cocoa farms planted with indigenous trees were visited and validated. The farms were located in 4 communities: Ackaakrom, Kojokrom, Asantekrom and Dumafua.

5.2.2 Integration of NTFPs in MTS Plantation

Two plots, each of size 1-ha, were planted with grains of paradise and black pepper in the Bekwai Forest District as part of the pilot for incorporating NTFPs into MTS plantations. Participating MTS farmers were organised and trained in inter-planting the NTFPs with trees as well as on appropriate planting techniques and maintenance. Three hundred and twenty (320) Black pepper and 250 Grains of paradise

seedlings were subsequently sent to three (3) communities (Aboabo no.2, Abuakwa and Krobo) in the district and planted on three plots in the Apamprama and Fum Forest Reserves in Compartments 15 and 12 respectively. Monitoring of the plots is on-going.

5.2.3 Piloting the Incorporation of Vanilla Plants Within Forest Plantations

A private plantation investor, Dr. Charles Owubah has piloted an agroforestry model which incorporates Vanilla plants within existing forest plantations in the Assin Fosu Forest District, Central Region. The sites include 2 ha and 1.6 ha Teak and Cedrela stands at Kojo-Alata Akura, and Adumanu respectively. *Gliricidia sepium* trees have been introduced into the stands to serve as stakes for the vines.

Going forward, the FSD is considering piloting the incorporation of Vanilla vines within forest plantations particularly MTS stands with technical support from Dr. Owubah.

5.3 Training and Capacity Building

5.3.1 Nursing of Eucalyptus and Bamboo Seedlings

A hands-on training programme on best practices in nursing of Eucalyptus and Bamboo seedlings was organised on 3rd March, 2021 for some nursery supervisors of the Forest Services Division. The training programme took place at FORIG's Tree Nursery at Fumesua and



Fig. 30: Dr. Charles Owubah inspecting one of his Vanilla farms at Adumanu in the Assin Fosu Forest District, Central Region



Fig. 31: Vanilla vines within a Teak plantation owned by Dr. Charles Owubah at Kojo Alata-Akura near Krochua Forest Reserve, Assin Fosu Forest District.



Fig. 32: FSD team on a field tour at one of the Vanilla farms.

Miro Forestry Gh. Limited's Tree Nursery near Ananekrom. Topics treated include: proper handling of tree seedlings, planting and post planting management and clonal seedling propagation. In addition, the following topics were covered;

- Vegetative propagation of bamboo
- Raising seedlings with smaller sized pots

that require less space

5.3.2 Training of nursery operators under ENFAL

In January 2021, a total of 85 community-based forest tree nursery operators consisting of 26 males and 59 females were trained in the Western, Western North, Bono, Bono East and

Ahafo Regions. The rationale for the training was to build their capacity in various nursery operations and link them to markets for the sale of their seedlings in order to sustain their livelihoods even when the project ends in 2023.

The training topics included sourcing and processing quality seeds for tree nursery establishment, seedling contracting procedures, general seedling production operations, record keeping, first aid and marketing.

5.3.3 Training in Post-harvest processing of NTFPs

Following capacities built during the implementation of the ARF NWO-WOTRO Tree Farm Project, 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.

5.3.4 Training on Wildfire Prevention

In order to mitigate the nationwide occurrence of wildfire during the year under review, some selected stakeholders were trained on the following wildfire prevention and pre-suppression activities:

- I. Awareness creation and sensitization of forest fringe communities and other stakeholders.
- II. Re-training of fire volunteers
- III. Fire patrols by community fire volunteers, forest guards and YAP beneficiaries

The training was part of the UNDP DSS Project on Sustainable Forest Management. A joint team made up of UNDP and Forestry Commission officials trained stakeholders from eight (8) fire prone regions. Training-of-trainers (ToT) workshops were organized in November 2021 in the Volta (Ho Forest District), Oti (Jasikan and Nkwanta Forest Districts), Eastern (Donkorkrom and Somanya Forest Districts), Ashanti (Offinso, Kumawu and Juaso Forest Districts), Bono (Sunyani and Dormaa Forest Districts), Ahafo (Bechem Forest District), Bono East (Kintampo, Nkoranza and Atebubu Forest Districts), and Savannah (Bole and Buipe Forest Districts). A total of 182 participants were drawn from six (6) institutions including the Forestry Commission, NADMO, Ghana National Fire Service, MoFA, MMDAs and Community (fire volunteers).



Figure 33: A cross-section of participants from the Eastern Region being addressed by the training team from FC and UNDP in Koforidua, Eastern Region.

In all, 48 participants from FSD were trained in wildfire prevention, pre-suppression and suppression. Additionally, 1 MoFA Officer, 1 Development Planning Officer each from the MMDAs, 1 NADMO officer, 2 GNFS officers and 4 fire volunteers participated from each of the districts. Figure 33 shows a cross-section of participants at Capital View Hotel in Koforidua where the Eastern Regional workshop was held.

5.3.5 FC/YAP Pilot Bee Keeping Project

As part of the post tree farm project activities YAP beneficiaries at RMSC were trained in beekeeping and 10 beehives have been placed under forest plantations within research plots in Jimira Forest Reserve in 2021. Five out of the 10 hives were colonized.

5.3.6 Fourth World Teak Conference (WTC) 2022

Preparations towards the 4th WTC which was originally planned to take place in August 2020 but postponed due to the outbreak of the COVID-19 pandemic progressed smoothly. The August 23rd -26th, 2021 date set for the conference was however postponed. As at the end of the last quarter of 2021, the following activities had been undertaken;

1. Date and venue for the conference was finalised. For the first time in Africa, this event will take place at the Kempinski Hotel, Accra, Ghana from 5th-8th September 2022, and will be organized and coordinated by the International Teak Information Network (TEAKNET), India and hosted by the Forestry Commission, Ghana.
2. The theme for the conference has been maintained as 'Global Teak Market: Challenges and Opportunities for Emerging Markets and Developing Economies.' The theme will address the most crucial issues of the global teak sector including:
 - Sustainable management of smallholder

teak farming systems for quality supply of teak timber to market

- Review and improvement of existing silvicultural systems and practices for better stand management on teak wood quality
 - Analysis of market structures and value chains of teakwood trading and their impact on the profitability of teak investments
 - Evaluation of private and public investments in the teak sector and its impacts on socio-economic conditions and rural livelihoods
 - Developing strategic, conceptual and operational recommendations in support of the sustainable development of the teak sector
3. Medium for registration and payment of fees had been developed and payments progressing smoothly.
 4. Request for sponsorship from institutions was progressing steadily.

Governance, a key consideration in natural resource management and by extension forest plantation management was considered in the

6.0 | GOVERNANCE

GFPS reporting for 2021. As usual, a multi-stakeholder approach to decision making was maintained in the development and management of forest plantations nationwide. 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 under the various plantation development modules.

6.1 Disbursement of Forest Plantation Timber Revenue to Key Stakeholders

During the reporting year, the FC disbursed a total amount of Ghc5,063,514.85 from forest plantation timber revenue and other related statutory and administrative payments to various stakeholders as shown in Table 20. Fifty-six (56) farmer groups and 53 local communities received **Ghc1,379,528.68** and **Ghc498,839.99** respectively being their share of revenue generated from the sale of harvested plantation timber products from MTS stands in 2021, as detailed in Appendix V.

Table 20: Disbursement of Forest Plantation Revenue – 2021

Source of Revenue	Amount Disbursed (GHc)	Beneficiaries/Stakeholders (GHc)				
		OASL	MTS Groups	Landowners	Local Communities	MMDAs
MTS (Timber)	2,059,041.16	-	1,379,528.68	503,561.94	175,950.54	-
Ground Rent (Private Plantations On-Reserve)	1,036,202.94	103,620.29	-	419,662.19	-	512,920.46
Private Plantations (Timber)	1,793,830.25	179,383.03	-	968,668.34	322,889.45	-
Facilitation Fees	174,440.50	-	-	174,440.50	-	-
Total	5,063,514.85	283,003.32	1,379,528.68	2,066,332.97	498,839.99	512,920.46

In 2021, a total of 136 Social Responsibility Agreements (SRAs) were signed with 141 communities in respect of plantation timber allocated for thinning/harvesting. This represents 9% decrease in the number of SRAs signed in 2021 compared to 2020 (149). There was 22% increase in the number of communities that benefited from SRA in 2021 as compared to that of 2020 (116). A total sum of GHc323,470.82 was paid upfront to the beneficiary communities by 64 companies in 2021. Although the number of companies signing the SRA in 2021 was 20% less compared to 2020 (77), the total amount paid in 2021 was 74% more compared to 2020 (GHc185,614.38). Table 21 provides a regional

breakdown of the number of SRA, communities and the amounts paid in 2021.

Table 21: Regional Breakdown of signed SRAs

REGION	NO. OF SRAs SIGNED	NO. OF BENEFICIARY COMMUNITIES	AMOUNT PAID (GH¢)
Ahafo	7	3	15,027.00
Ashanti	66	55	150,016.76
Bono	23	29	27,290.84
Bono East	4	2	1,792.60
Eastern	12	18	77,760.74
Oti	6	7	25,474.48
Volta	8	14	10,627.00
Western North	10	13	15,481.40
Total	136	141	323,470.82



7.0 PLANTATION TIMBER PRODUCTION

This section provides information on total volume of plantation timber harvested from both on-reserve and off-reserve stands in the year under review.

7.1 Plantation Timber Production in 2021

A total volume of **203,991.9 m³** of plantation timber was harvested in 2021 compared to 124,790.1 m³ in 2020. The extracted volume comprised 104,498.5 m³ from on-reserve and the remaining 99,493.4 m³ from off-reserve areas. The volume of plantation timber harvested on-reserve saw a slight decline between 2019 (74,418.6 m³) and 2020 (71,996.8 m³) but increased significantly in 2021. Similarly, plantation timber harvested off-reserve experienced a notable reduction in volume; 75,506.3 m³ (2019) and 52,793.3 m³ (2020) but saw a significant rise in 2021.

The details of on-reserve plantation timber production in 2021 have been provided in Table 22. Out of the total volume harvested on-reserve, Teak contributed 75.3% of total harvested volume followed by Cedrela (20.9%), Eucalyptus (2.8%), Gmelina (0.6%), Ofram (0.3%) and other species (0.1%). No plantation timber harvesting operation on-reserve was done in the Greater Accra, Upper East, Upper West, Northern, North East and Savannah Regions.

Table 22: Volume of plantation timber (m³) harvested on-reserve in 2021

REGION	ON-RESERVE TREE SPECIES						TOTAL (m ³)
	TEAK	CEDRELA	GMELINA	EUCALYPTUS SPECIES	OFRAM	OTHERS	
Ahafo	2,626.9	2,612.6	-	-	-	-	5,239.5
Ashanti	58,007.9	9,996.7	307.1	2,941.5	64.1	106.8	71,424.1
Bono	8,180.0	484.5	-	-	-	-	8,664.5
Bono East	983.7	-	-	-	-	-	983.7
Central	-	425.2	-	-	-	-	425.2
Eastern	3,043.9	4,344.2	372.1	-	-	-	7,760.2

REGION	ON-RESERVE						TOTAL (m ³)
	TEAK	CEDRELA	GMELINA	EUCALYPTUS SPECIES	OFRAM	OTHERS	
Oti	3,739.4	-	-	-	-	-	3,739.4
Volta	1,470.9	-	-	-	-	-	1,470.9
Western	-	281.0	-	-	-	-	281.0
Western North	618.6	3,656.0	-	-	235.4	-	4,510.0
TOTAL	78,671.3	21,800.2	679.2	2,941.5	299.5	106.8	104,498.5

The total plantation timber harvested off-reserve in 2021 was 99,493.4 m³ as presented in Table 23. Teak and Cedrela were the main timber species harvested from off-reserve plantations with Teak and Cedrela representing 96.4% and 3.0% respectively of total harvested volume. There was no harvesting operation in the North East, Savannah, Upper West and Upper East Regions. Comparatively, plantation timber harvested off-reserve was marginally lower (4.8%) than that of on-reserve in 2021.

Table 23: Volume of plantation timber (m³) harvested off-reserve in 2021

REGION	OFF-RESERVE				TOTAL m ³
	TEAK	CEDRELA	GMELINA	OTHERS	
Ahafo	1,100.8	-	-	-	1,100.8
Bono	15,352.2	-	-	-	15,352.2
Bono East	39,075.3	46.0	-	-	39,121.3
Ashanti	18,974.2	2,250.1	-	-	21,224.3
Central	1,538.2	-	122.2	-	1,660.4
Eastern	3,701.4	-	369.0	33.8	4,104.2
Gt. Accra	529.6	-	-	-	529.6
Volta	5,850.9	272.1	-	-	6,123.0
Oti	7,798.9	417.6	-	-	8,216.5
Western	1,223.0	-	24.2	-	1,247.2
Western North	567.6	-	85.2	-	652.8
Northern	161.1	-	-	-	161.1
TOTAL	95,873.2	2,985.8	600.6	33.8	99,493.4

7.3 Value Addition and Export of Forest Plantation Timber

Teak, Cedrela, Rubberwood and Gmelina were the main plantation timber species exported. A large portion of these species were exported as primary or secondary wood products (mainly air-dried lumber, billets and kiln-dried lumber). India remains the key export destination for Teak and Gmelina.

Table 24: Volume and Value of Products of the Major Exported Plantation Timber Species

Species	Product	Volume (m ³)	Value (€)
Teak	Lumber Air Dried	120,852.173	46,706,729.71
Teak	Lumber Kiln Dried	598.039	221,450.49
Teak	Billet	42,209.153	14,906,126.66
sub-total		163,659.365	61,834,306.86
Cedrela	Lumber Air Dried	44.440	24,595.81
Cedrela	Lumber Kiln Dried	2,918.045	2,233,392.46
Cedrela	Moulding	42.654	36,821.00
sub-total		3,005.139	2,294,809.27
Rubberwood	Lumber Air Dried	686.197	128,966.02
Rubberwood	Lumber Kiln Dried	1,664.123	305,409.83
Rubberwood	Rotary Veneer	95.256	19,321.27
sub-total		2,445.576	453,697.12
Gmelina	Billet	2,046.897	319,130.44
sub-total		2,046.897	319,130.44
Total		171,156.977	64,901,943.69

Proportion of Plantation Timber Exported Over The Last 15 Years (2007 – 2021)



Trend: Increasing importance of plantation grown timber over the past 15 years

Fig. 34: Relative Contribution of Forest Plantations to Total Export of Timber and Wood Products (2007 – 2021)

Fig. 34 shows a general increasing contribution of plantation timber to total timber and wood product exports from Ghana over the past 15 years. In 2021, plantation timber accounted for 57% (increase of 6 percentage points from 2020) of total timber and wood product exports equivalent to **47%** of the total export value of **€136,752,549.25**. This is the third consecutive year that the volume of plantation timber exported has exceeded that from natural forests in Ghana. This performance is as a result of increased production of plantation timber especially from private sector players. In view of this, it is envisaged that production from private commercial forest plantations will increase to continue this upward trend. During pre-COVID 19 (2019) and 2021, there was a marginal decrease in plantation timber exported and a marginal increase in the total wood volume exported.



8.0 FINANCE

During the year under review, forest landscape restoration activities were financed through Government of Ghana (GoG), FC, private and donor funds. However, in this report, the expenditure analysis focuses on only public expenditure. Accordingly, the total public sector expenditure stood at GH¢236,301,661.46 for 2021. Out of this amount, the share of Government expenditure was GH¢229,292,344.96 representing 97.0% of the total expenditure mainly to cover payment of allowances to beneficiaries of the Youth in Afforestation/ Reforestation Project (YAP), whilst donor projects constituted GH¢7,009,316.50 being 3.0%. Activities that accounted for the public sector cash outflows included YAP and general forest plantation establishment and management operations. The expenditure analysis is partial since private sector spending was not included.

On the revenue side of the financial analysis, the total cash inflows amounted to GH¢56,621,691.19 for both on-reserve and off-reserve in 2021. For on-reserve revenue, it was

ascertained by computing the actual receipts by the Forestry Commission from the sale of forest plantation timber harvested on-reserve in 2021, which amounted to GH¢17,710,535.63. Specifically, this revenue accrued from the sale of state-owned forest plantation stands in addition to FC's share of revenue received from private forest plantations within forest reserves and MTS stands which is subject to disbursement to relevant stakeholders. In contrast to on-reserve revenue, off-reserve revenue was generated from the sale of timber through private transactions outside the direct control of FC. Accordingly, FC's average standing timber prices were used in the analysis, to estimate the value of forest plantation timber harvested from off-reserve stands, though these rates are well below the average market price. Consequently, the total revenue generated from off-reserve forest plantation timber was estimated to be GH¢38,911,155.56 in 2021. Table 25 summarises the public sector expenditure and revenue accrued from on-reserve forest plantation timber over the period under review.

Table 25: Forest landscape restoration expenditure and revenue

EXPENDITURE AND REVENUE ANALYSIS					
Expenditure (GH¢)		Total Expenditure (GH¢)	Revenue (GH¢)		Total Revenue (GH¢)
GoG	Projects		On-Reserve	Off-Reserve	
229,292,344.96	7,009,316.50	236,301,661.46	17,710,535.63	38,911,155.56	56,621,691.19

9.0 | CHALLENGES

The following challenges affected operational activities during the reporting period.

Public Sector:

1. Inadequate funding and logistics (vehicles, motorbikes, etc.) for monitoring and supervision of field operational activities;
2. Inadequate field staff to carry out effective supervision of MTS farmers and monitoring of plantation development, logging and harvesting operations
3. Limited funds and logistics to prevent, control and suppress wildfires, usually intensified by activities of free-range cattle herders and illegal farmers within forest reserves;
4. Destruction of established plantations both on and off-reserve through illegal mining (galamsey) activities;
5. Lack of progress in the development of an appropriate legal regime for the establishment and management of forest plantations;
6. Undue delays in processing of Benefit Sharing Agreement (BSA) for MTS farmers is a disincentive for maintenance of the established forest plantations;
7. Inadequate funds to transport YAP beneficiaries to planting sites within forest reserves that are

usually far away from their residences and;

8. Inadequate Unmanned Aerial Vehicles (drones) for forest surveillance, monitoring of field operations and mapping.

Private Sector:

1. Resistance of illegal farmers to vacate sites allocated to private commercial plantation developers in forest reserves pose difficulties for plantation establishment by large scale developers;
2. 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;
3. Operational/ financial difficulties due to limited opportunities or inability of several private developers to access long-term capital for forest plantation development;
4. Persistent occurrence of annual wildfires, usually caused by activities of free-range cattle herders and illegal farmers and;
5. Delays in processing of timber harvesting permits which result in pilfering.

10.0

CONCLUSION AND WAY FORWARD

The reporting year represented the fifth year of the implementation of the GFPS. During the period, the GFPS has provided a robust framework for target setting for forest landscape restoration interventions in Ghana and tracking of benefits and costs associated with implementation of these interventions. The targets for forest plantation establishment for both 2020 and 2021 were however reduced as a result of the impact of the COVID-19 pandemic.

A notable feature over the five-year period has been the consistent high performance of public sector in meeting its set targets under the GFPS through implementation of the National Afforestation/ Reforestation Programme (NAP). On the contrary, the private sector has largely failed to meet its annual target in spite of the significantly lower target of 5,000 ha set for the reporting period.

In accordance with the lessons learnt during the first five years of implementation of the GFPS, the following actions are deemed as critical to further enhance implementation of forest landscape restoration interventions in Ghana:

1. Review of the GFPS

The first revision of the GFPS is scheduled to be undertaken in 2022. As stipulated in the GFPS, the document will be reviewed every 5 years from

the date of commencement of implementation to take stock of progress and adapt the Strategy to changing conditions and priorities and thereby ensure that the overarching goal of the Strategy is attained. It is therefore envisaged that the necessary measures will be put in place for a consultative review of the Strategy by the end of 2022.

2. Drafting and Promulgation of the Forest Plantations Act

The drafting of a Forest Plantations Act is a critical activity that should be prioritized for implementation. The objective of the Act would be to provide a solid legal basis for the regulation and development of forest plantations in Ghana by providing comprehensive guidance on the following relevant subjects;

- 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 and Government-Private Sector Partnerships/ Collaborations;

- VI. Incentives and benefits for forest plantation investors;
- VII. Sustainable and innovative financing mechanisms for forest plantation development.

3. Rationalisation of Private Sector Participation in Forest Plantations

Since the inception of the National Forest Plantation Development Programme in 2002, a number of private investors have been allocated degraded forest reserve compartments to undertake commercial forest plantation development. Some of the developers have performed creditably well and are desirous of further expanding their forest plantations. However, the performance of other developers has been consistently not encouraging. In accordance with the Land Lease and Benefit Sharing Agreements with the private developers, concerted efforts are therefore required to withdraw all lands allocated to non-performing private sector actors. The withdrawn areas could be earmarked for planting under a government-led initiative or re-allocated to other performing private investors. Such an approach may further enhance the contribution of private investors to the GFPS planting targets.

4. Verification and Validation of Planted Sites

The Forestry Commission undertook field verification of areas planted under YAP and MTS in 2018. The sites developed in 2019 were also partly verified. The verification exercise is therefore yet to be completed for 2019 and undertaken for all public plantations established from 2020 - 2021. The field verification of the planted sites serves a dual purpose of ensuring accurate reporting of area of forest plantations established and also provide spatial data of the stands.

5. Maintenance of Established Forest Plantations including Wildfire Control

Poor maintenance of established forest plantations contributes to low yields and consequently sub-optimal economic returns from these plantations. The necessary incentives and logistics are therefore required to ensure effective maintenance of established forest plantations. Such measures will lead to reduction in wildfires within established plantations and also reduce susceptibility of the plantations to pest and diseases, and thereby enhance economic returns from the stands.



APPENDICES

APPENDIX I PRIVATE PLANTATION DEVELOPERS ON RESERVE - 2021												
NO.	COMPANY NAME	REGION	FOREST DISTRICT	FOREST RESERVE	COMPARTMENT/SERIES	AREA ALLOCATED (ha)	AREA PLANTED-2021 (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	205.64	0.6	31.0	31.6	174.0	Teak	5th February, 2001
3	Avuni Brothers Limited	Ashanti	Juaso	Bandai Hills	45	86.63	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	130.93	0.0	60.0	60.0	70.9	Teak	-
5	Agogo Saviour Church	Ashanti	Juaso	Bandai Hills	55	135.22	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	125.69	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	103.31	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	106.13	0.0	8.0	8.0	98.1	Teak	13th June, 2013
14	Gyima & Co. Farms Ltd	Ashanti	Juaso	Bandai Hills	15, 26	269.35	1.3	70.0	71.3	198.1	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	4.0	0.0	4.0	124.0	N/A	30th August, 2016
17	Isaac Owusu Farms	Ashanti	Juaso	Bandai Hills	28	147.96	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	161.97	9.00	0.0	9.0	153.0	Teak	19th December, 2011
19	Kate Konamah & Company Limited	Ashanti	Juaso	Bandai Hills	41	133.22	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	117.15	0.0	20.0	20.0	97.2	Teak	19th December, 2011
22	Lawyer Andy Appiah Kubi	Ashanti	Juaso	Bandai Hills	53	161.50	5.9	0.0	5.9	155.6	N/A	6th December, 2016
23	M'akaddesh Printing Press and Farms	Ashanti	Juaso	Bandai Hills	72	204.74	25.0	45.0	70.0	134.7	Teak	21st August, 2006
24	Maadai Enterprise	Ashanti	Juaso	Bandai Hills	27	163.39	0.0	100.0	100.0	63.4	Teak	17th October, 2006
25	Mar Enterprise	Ashanti	Juaso	Bandai Hills	9	128.00	0.0	10.0	10.0	118.0	Teak	21st October, 2016
26	Me Dwene Meho Enterprise	Ashanti	Juaso	Bandai Hills	58	106.88	0.0	10.0	10.0	96.9	Teak	9th December, 2014
27	Mr. Oluo Serebour	Ashanti	Juaso	Bandai Hills	63	120.61	0.0	55.0	55.0	65.6	Teak	14th May, 2012
28	Nana Akioku Sarpong Farms	Ashanti	Juaso	Bandai Hills	20, 21, 22, 23	689.78	0.0	82.5	100.5	589.3	Teak	5th February, 2001
29	Skyenet London Limited	Ashanti	Juaso	Bandai Hills	24	18.0	0.0	0.0	0.0	0.0	N/A	17th December, 2019
30	Obabew Ventures	Ashanti	Juaso	Bandai Hills	46 (portion)	15.0	0.0	15.0	15.0	0.0	Teak	10th March, 2005
31	O.B Pasnas	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	119.95	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	14.62	0.0	14.6	14.6	0.0	Teak	31st January, 2001
39	E. K. Kyei Company Ltd	Ashanti	Juaso	Bandai Hills	37	128.00	0.0	0.0	0.0	128.0	N/A	-
40	AT Company Limited	Ashanti	Juaso	Dome River	32	128.00	12.0	0.0	12.0	116.0	N/A	27th April, 2016
41	ASAQ Global Investments & Consultants	Ashanti	Juaso	Dome River	9	65.44	0.0	20.0	20.0	45.4	Teak	6th October, 2015

APPENDIX I PRIVATE PLANTATION DEVELOPERS ON RESERVE - 2021												
NO.	COMPANY NAME	REGION	FOREST DISTRICT	FOREST RESERVE	COMPARTMENT/SERIES	AREA ALLOCATED (ha)	AREA PLANTED-2021 (ha)	PREVIOUS AREA PLANTED (ha)	AREA PLANTED TO DATE (ha)	AREA REMAINING TO BE PLANTED (ha)	SPECIES PLANTED	DATE OF APPROVAL/ALLOCATION
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	35.0	0.0	35.0	93.0	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	Teak	18th November, 2017
45	D.T.K Timbers	Ashanti	Juaso	Dome River	21	43.66	0.0	43.7	43.7	0.0	Teak	22nd September, 2009
46	Yabaak Citadel Ltd	Ashanti	Juaso	Dome River	Portion of 35	128.0	0.0	95.0	95.0	33.0	Teak, Cedrela	16th July, 2004
47	Juaso Traditional Authority	Ashanti	Juaso	Dome River	37	128.0	0.0	24.8	24.8	103.2	Teak	24th November, 2017
48	KAMVIS Company Limited	Ashanti	Juaso	Dome River	25.27	250.0	0.0	190.0	190.0	60.0	Wawa, Manzonla, Mahogany, Ofram, Emire	28th April, 2003
49	K. Green Global	Ashanti	Juaso	Dome River	19	125.00	0.0	12.0	12.0	113.0	Teak	16th April, 2003
50	Kwame Bi Kulfour	Ashanti	Juaso	Dome River	20	116.92	0.0	0.0	0.0	116.9	N/A	10th December, 2013
51	Konam Ventures	Ashanti	Juaso	Dome River	39	128.00	0.0	30.0	30.0	98.0	Teak	11th August, 2003
52	Li-Chan Enterprise Gh. Ltd	Ashanti	Juaso	Dome River	12	121.99	0.0	0.0	0.0	122.0	N/A	13th March, 2014
53	Margaet Campbell	Ashanti	Juaso	Dome River	10	134.59	0.0	13.0	13.0	121.6	Teak	9th Dec. 2002
54	PIDECK Co. Ltd	Ashanti	Juaso	Dome River	46	114.64	0.0	7.7	7.7	106.9	Teak	16th March, 2011
55	Premier Solutions Limited	Ashanti	Juaso	Dome River	41	128.00	0.0	0.0	0.0	128.0	N/A	2nd February, 2015
56	Talento Wood Processing Enterprise	Ashanti	Juaso	Dome River	40	125.0	0.0	11.2	11.2	113.8	Teak	9th April, 2003
57	Wukupomas Export and Import Company Limited	Ashanti	Juaso	Dome River	45	125.0	0.0	0.0	0.0	125.0	N/A	25th June, 2003
58	Y & M Regeneration Ltd	Ashanti	Juaso	Dome River	33	42.7	0.0	22.1	22.1	20.6	Teak	10th December, 2013
59	Apostiga Company Limited	Ashanti	Juaso	Mirasa Hills	13	114.5	0.0	25.0	25.0	89.5	Teak	18th March, 2020
60	Beige Leaf Limited	Ashanti	Juaso	Mirasa Hills	29	135.51	0.0	40.0	40.0	95.5	Teak	12th May, 2005
61	Lexmax Investments	Ashanti	Juaso	Mirasa Hills	44	139.35	0.0	15.0	15.0	124.4	Teak	10th August, 2005
62	Logwood Industries Limited	Ashanti	Juaso	Mirasa Hills	22	118.71	0.0	18.0	18.0	100.7	Teak	17th September, 2009
63	Lou-Ralph Lodge Investment	Ashanti	Juaso	Mirasa Hills	12,13,19	378.2	0.0	276.0	276.0	102.2	Teak	20th March, 2003
64	Mr. Samuel Benson-Adjei	Ashanti	Juaso	Mirasa Hills	18	128.0	0.0	0.0	0.0	128.0	N/A	8th December, 2011
65	New Leaf Investment Limited	Ashanti	Juaso	Mirasa Hills	11	128.00	0.0	0.0	0.0	128.0	N/A	25th July, 2016
66	Pen Pal Wood Processing Limited	Ashanti	Juaso	Mirasa Hills	3	128.0	0.0	10.0	10.0	118.0	Teak	24th February, 2003
67	PIDECK Limited	Ashanti	Juaso	Mirasa Hills	7	128.0	0.0	0.0	0.0	128.0	N/A	23rd February, 2003
68	SKOD Timbers	Ashanti	Juaso	Mirasa Hills	22	128.57	4.2	99.5	103.7	24.9	Teak	26th February, 2010
69	Talento Wood Processing Enterprise	Ashanti	Juaso	Mirasa Hills	49	117.505	0.0	31.0	31.0	86.5	Teak	22nd September, 2009
70	Thomas Boateng Enterprise	Ashanti	Juaso	Mirasa Hills	48	113.32	0.0	113.3	113.3	0.0	Teak, Mahogany, Wawa, Kusie, Odum, Ofram, Manzonla, Kokrodua	16th April, 2008
					47	169.63	0.0	169.63	169.63	0.0	Gmelina, Teak	24th February, 2015
					20, 25	500.0	0.0	110.9	110.9	389.1	Teak	8th July, 2003
					26, 27		0.0	0.0	0.0			16th June, 2003
					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	
					50	128.0	0.0	10.0	10.0	118.0	Teak	6th May, 2003
					38	127.82	0.0	10.0	10.0	117.8	Teak	13th December, 2011
					39	175.552	3.0	70.0	73.0	102.6	Teak	26th October, 2009
					10	131.62	0.0	0.0	0.0	131.6	N/A	14th October, 2014

APPENDIX I PRIVATE PLANTATION DEVELOPERS ON RESERVE - 2021												
NO.	COMPANY NAME	REGION	FOREST DISTRICT	FOREST RESERVE	COMPARTMENT/SERIES	AREA ALLOCATED (ha)	AREA PLANTED - 2021 (ha)	PREVIOUS AREA PLANTED (ha)	AREA PLANTED TO DATE (ha)	AREA REMAINING TO BE PLANTED (ha)	SPECIES PLANTED	DATE OF APPROVAL/ALLOCATION
71	Bodogen Construction Company	Ashanti	Juaso	Mirasa Hills	15	163.31	0.0	18.0	18.0	145.3	Teak	23rd October, 2018
72	Kwanti Company Limited	Ashanti	Juaso	Mirasa Hills	21A 21B	54.70 87.89	0.0	0.0	36.8 0.0	17.9 87.9	Teak N/A	9th January, 2020
73	Asante Akyem Wood Processing Co. Ltd (AWP)	Ashanti	Juaso	North Bandai Hills	60.62	213.18	0.0	30.0	30.0	183.2	Teak	23rd December, 2002
74	Charity Asiedu	Ashanti	Juaso	North Bandai Hills	39	124.50	0.0	0.0	0.0	124.5	N/A	14th October, 2013
75	Charles Awuah Enterprise	Ashanti	Juaso	North Bandai Hills	59	113.35	0.0	0.0	0.0	113.4	N/A	11th December, 2014
76	Galaxy Agro Industries Limited	Ashanti	Juaso	North Bandai Hills	53 57 61, 63	128.0 128.0 256.0	0.0	0.0	0.0 0.0 40.0	128.0 128.0 216.0	N/A N/A Teak	10th December, 2014 15th October, 2014 17th February, 2015
77	Kpapa Company Limited	Ashanti	Juaso	North Bandai Hills	45	121.8	10.0	0.0	10.0	111.8	Teak	4th November, 2014
78	Noble 'G' Enterprise	Ashanti	Juaso	North Bandai Hills	43	128.43	0.0	0.0	0.0	128.4	N/A	30th January, 2013
79	Yaw Asamoah	Ashanti	Juaso	North Bandai Hills	55	133.89	0.0	0.0	0.0	133.9	N/A	8th November, 2013
80	Yonka Farms	Ashanti	Juaso	North Bandai Hills	58	103.30	0.0	0.0	0.0	103.3	N/A	29th October, 2009
81	Boakyeaa Enterprise Limited (BEL)	Ashanti	Juaso	Onyimso	3 6 4,5	508.66	0.0	350.0	350.0	158.7	Allanblackia, Kusia, Ceiba, Odum, Makore, Wawa, Ofram, Mahogany, Emire	20th Nov. 2002 16th August, 2005 30th January, 2007
82	Motherwell Services Limited	Ashanti	Kumawu	Anumso	24 & 28	256.0	0.0	0.0	0.0	256.0	N/A	16th September, 2021
83	Prashanti Export Limited	Ashanti	Kumawu	Anumso	22 (portion)	91.0	0.0	91.0	91.0	0.0	Teak	30th May, 2001
84	Abrofo Farms & Trading Enterprise	Ashanti	Kumawu	Boumfum	Portion of 141	31.6	0.0	31.6	31.6	0.0	Teak	18th March, 2005
85	African Bagg Limited	Ashanti	Kumawu	Boumfum	160	68.93	0.0	0.0	0.0	68.9	N/A	28th February, 2014
86	Aid to Artisan Ghana (A TAG)	Ashanti	Kumawu	Boumfum	153,158, 159	413.87	0.0	72.0	72.0	341.9	Teak	10th April, 2003
87	Asadu Royal Waste Services Ltd.	Ashanti	Kumawu	Boumfum	149	84.8	0.0	16.2	16.2	68.6	Teak	21st November, 2012
88	Ghana Co-operative Anti-Bush Fire & Farm Services Ltd.	Ashanti	Kumawu	Boumfum	114	114.3	0.0	114.0	114.0	0.3	Teak	14th Nov. 2002
89	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
90	Bibiati 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	-
91	Date Brook Company Ltd	Ashanti	Kumawu	Boumfum	68 and portions of 57 & 67	211.28	0.0	211.3	211.3	0.0	Teak	1st January, 2016 (ppp date)
92	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
93	Ejisu Forest Products	Ashanti	Kumawu	Boumfum	222 and portion (7ha) of 224	100.0	0.0	100.0	100.0	0.0	Teak	30th January, 2001
94	Forjane Company Limited	Ashanti	Kumawu	Boumfum	Portion of 143	2.00	0.0	2.0	2.0	0.0	Teak	23rd January, 2006
95	Ghana Sawm Timber Sellers Association	Ashanti	Kumawu	Boumfum	Portion of 126 & 122	54	0.0	54.0	54.0	0.0	Teak	15th December, 2006 Portion withdrawn on 8th Nov. 2018
96	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
97	Greenfields Plantations Limited (AG Timbers Ltd)	Ashanti	Kumawu	Boumfum	8, 10, 11 & 12	1,830.56	0.0	775.5	775.5	1055.1	Teak, Wawa, Cedrela, Mahogany, Ceiba, Kokrodua, Afro, Ofram	-
98	Johnson Agyeman Farms	Ashanti	Kumawu	Boumfum	79, 80	190.78	0.0	39.9	39.9	150.9	Teak	23rd March, 2006

APPENDIX I PRIVATE PLANTATION DEVELOPERS ON RESERVE - 2021												
NO.	COMPANY NAME	REGION	FOREST DISTRICT	FOREST RESERVE	COMPARTMENT/ SERIES	AREA ALLOCATED (ha)	AREA PLANTED - 2021 (ha)	PREVIOUS AREA PLANTED (ha)	AREA PLANTED TO DATE (ha)	AREA REMAINING TO BE PLANTED (ha)	SPECIES PLANTED	DATE OF APPROVAL/ALLOCATION
99	KG Biomass Supply (formerly, KWAMOKA Energy Ghana Limited)	Ashanti	Kumawu	Bounfium	223	90.97	0.0	0.0	0.0	91.0	N/A	5th November, 2012
100	MIRO Forestry (Ghana) Limited	Ashanti	Kumawu	Bounfium	(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	4,051.46	0.0	2741.6	2741.6	1309.9	Teak, Cedreila, Eucalyptus, few indigenous species	18th May, 2009
101	Nana Yaw Omane Frimpong Farms Limited	Ashanti	Kumawu	Bounfium	101, 102, 103	305.59	0.0	130.5	130.5	175.1	Teak	6th January, 2004
102	TYG Services Enterprise	Ashanti	Kumawu	Bounfium	213	95.7	0.0	14.0	14.0	81.7	Teak	4th March, 2015
103	Zebra Imex Ltd	Ashanti	Kumawu	Bounfium	81, 82	239.15	0.0	61.0	61.0	178.2	Teak	20th April, 2007
104	Eric Baffour Awuah Ventures	Ashanti	Mampong	Abrimsu	1	128	0.0	10.0	10.0	118.0	Teak	14th February, 2018
105	D. O. Doggies Limited	Ashanti	Mampong	Abrimsu	3	131.0	0.0	0.0	0.0	131.0	N/A	14th August, 2018
106	Logwood Industries Limited	Ashanti	Mampong	Abrimsu	7, 8	200.0	0.0	103.0	103.0	97.0	Teak	19th April, 2018
107	Yakenco Limited	Ashanti	Mampong	Abrimsu	2	163.6	0.0	0.0	0.0	163.6	N/A	27th November, 2018
108	Saprim Farms & Trading Company Ltd	Ashanti	Mampong	Abrimsu	6	126.0	0.0	100.0	100.0	26.0	Teak	9th April, 2003
109	Rita Kumi Farms Limited (Dufie Amponsah Farms)	Ashanti	Mampong	Awura	16	109.85	4.0	25.0	29.0	80.9	Teak	11th January, 2005
110	Ernest Best Company Ltd	Ashanti	Mampong	Awura	38	121.5	0.0	46.3	46.3	75.2	Teak	-
111	Forest Business Consultancy Limited	Ashanti	Mampong	Awura	19	128.0	0.0	0.0	0.0	128.0	N/A	8th July, 2013
112	Greenfields Plantations Limited (Naja David Veneer and Plywood)	Ashanti	Mampong	Awura	69, 70, 71	522.0	20.0	522.0	542.0	-20.0	Teak, Cedreila, Ceiba, Mahogany	11th December, 2000
113	Gyamfi & Asare Co. Ltd	Ashanti	Mampong	Awura	41	137.31	0.0	50.0	50.0	87.3	Teak	15th January, 2010
114	Help Crush Aids Ghana	Ashanti	Mampong	Awura	42	120.0	5.0	55.0	60.0	60.0	Teak	28th February, 2005
115	Jenifskar Limited	Ashanti	Mampong	Awura	90	105.25	0.0	47.0	47.0	58.3	Teak	28th October, 2005
116	Karamanga Industries Limited	Ashanti	Mampong	Awura	39, 40, 45 & 51 (part)	391.12	0.0	153.4	153.4	237.7	Teak	25th November, 1999
117	KuulTrade Enterprise	Ashanti	Mampong	Awura	12	97.21	0.0	100.2	100.2	-3.0	Teak	19th April, 2005
118	Kwasi Agyekum Farms	Ashanti	Mampong	Awura	31	165.31	10.0	66.0	76.0	89.3	Teak	-
119	Litworth Impex Ltd	Ashanti	Mampong	Awura	9	123.06	0.0	107.0	107.0	16.1	Teak	19th April, 2005
120	NABE Wood Processing Co. Ltd	Ashanti	Mampong	Awura	23	100.0	0.0	60.0	60.0	40.0	Teak	20th Nov. 2002
121	R.K.A. Timbers Limited	Ashanti	Mampong	Awura	20	103.18	0.0	25.0	25.0	78.2	Teak	2002
122	reNew Company Limited	Ashanti	Mampong	Awura	49, 55	54.300	0.0	54.3	54.3	0.0	Teak, Mahogany	5th February, 2009
123	Atwina Commercial Ventures	Ashanti	Mampong	Awura	Portion of 37	100	0.0	10.0	10.0	0.0	Teak	15th March, 2005
124	Abeam Danso Poku Sarfo Limited	Ashanti	Mampong	Chirimfa	86	180.0	0.0	43.0	43.0	137.0	Teak	2nd February, 2010
125	Elder Jewellery Company Limited	Ashanti	Mampong	Chirimfa	71	110.60	0.0	62.0	62.0	48.6	Teak	2nd April, 2008
126	Greenfields Plantations Limited (Paul Sagoe Sawmills Limited)	Ashanti	Mampong	Chirimfa	portions of 1 & 2	4.00	0.0	4.0	4.0	0.0	Teak	30th December, 2002
127	Heureka Consult Limited	Ashanti	Mampong	Chirimfa	74	85.0	0.0	10.0	10.0	75.0	Teak	23rd December, 2014
128	JOSBOA Consulting Limited	Ashanti	Mampong	Chirimfa	20, 21	273.88	16.0	81.0	97.0	176.9	Teak	9th April, 2013
129	Joseph Antwi (Kwame Amoah)	Ashanti	Mampong	Chirimfa	82	118.19	5.0	10.0	15.0	103.2	Teak	-

PRIVATE PLANTATION DEVELOPERS ON RESERVE - 2021												
NO.	COMPANY NAME	REGION	FOREST DISTRICT	FOREST RESERVE	COMPARTMENT/SERIES	AREA ALLOCATED (Ha)	AREA PLANTED - 2021 (ha)	PREVIOUS AREA PLANTED (ha)	AREA PLANTED TO DATE (ha)	AREA REMAINING TO BE PLANTED (ha)	SPECIES PLANTED	DATE OF APPROVAL/ALLOCATION
130	Kwarteng Plantations	Ashanti	Mampong	Chirimfa	3	94.1	0.0	29.0	29.0	65.1	Teak	12th December, 2008
131	Kumasi Farms Complex	Ashanti	Mampong	Chirimfa	26	151.62	0.0	58.9	58.9	92.8	Teak	20th February, 2006
132	K-Wuss Enterprise	Ashanti	Mampong	Chirimfa	27	140.14	0.0	85.2	85.2	54.9	Teak	20th April, 2007
133	Kyeremateng Tieku & Sons Ltd	Ashanti	Mampong	Chirimfa	18	100.9	5.0	81.0	86.0	14.9	Teak	7th April, 2004
134	Mag. K. Enterprise	Ashanti	Mampong	Chirimfa	22	142.17	0.0	103.0	103.0	39.2	Teak	20th April, 2007
135	Onyame Tumiso Company Ltd	Ashanti	Mampong	Chirimfa	Portion of 13	45.648	0.0	45.6	45.6	0.0	Teak	31st December, 2002
136	Richard William Quaynor	Ashanti	Mampong	Chirimfa	88	157.54	0.0	69.5	69.5	88.0	Teak	2007
137	Upper and Lower Spring Ventures	Ashanti	Mampong	Chirimfa	Portion of 24A	24.0	0.0	24.0	24.0	0.0	Teak	5th May, 2015
138	Vanexx Enterprise	Ashanti	Mampong	Chirimfa	77	60.31	0.0	35.0	35.0	25.3	Teak	15th February, 2012
139	Emmanuel Opoku Acheampong	Ashanti	Mampong	Ongvam II	Krowi & Hwidiem	47.67	0.0	10.0	10.0	37.7	Teak	31st July, 2017
140	Evans Timbers Ltd	Ashanti	Mampong	Pru belt	Shelter	148.32	0.0	58.0	58.0	90.3	Teak	9th August, 2001
141	Jeed-San Farms	Ashanti	Mampong	Pru belt	Shelter	120.0	0.0	94.0	94.0	26.0	Teak	2009
142	Nsiah Gyamerah	Ashanti	Mampong	Pru belt	Shelter	127.40	0.0	34.5	34.5	92.9	Teak	16th April, 2009
143	Opmanpok Ent	Ashanti	Mampong	Pru belt	Shelter	4.0	5.0	4.0	9.0	-5.0	Teak	23rd January, 2006
144	Safari-Aawess Company Limited	Ashanti	Mampong	Pru belt	Shelter	512.0	0.0	38.0	38.0	474.0	Teak	22nd November, 2016
145	Unity Afforestation and Tree Nursery Project	Ashanti	Mampong	Pru belt	Shelter	221.42	2.5	171.3	173.8	47.6	Teak	20th May, 2005
146	Abascom Ent Ltd	Ashanti	Mankranso	Desiri	114	152.5	0.0	64.0	64.0	88.5	Cedrela, Teak	24th December, 2002
147	Duncan Williams	Ashanti	Mankranso	Desiri	39	92.7	0.0	10.0	10.0	82.7	Teak	-
148	Nana Adu Kwabena Gabriel Co. Ltd (GAC)	Ashanti	Mankranso	Desiri	(Awaboo portion) 86, 87, 109 and portion of 110 (395.31 ha) (Hia portion) 111 and portion of 110 (168.72 ha)	564.03	0.0	200.0	200.0	364.0	Cedrela, Teak	24th February, 2003
149	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	-
150	Opaini Twene Kwame Company Ltd.	Ashanti	Mankranso	Desiri	9,10	292.02	0.0	98.0	98.0	194.0	Wawa, Manzoniba, Odum, Edinam, Urtile, Mahogany, Ofram, Onyina, Aketa, Asanfina, Hyedua, Kyenkyen, Teak, Sapele, Otie, Cedrela, Emire	1984
151	TSL (Tepa & Techiman Sawmills Ltd)	Ashanti	Mankranso	Desiri	89, 90	256.0	0.0	76.0	76.0	180.0	Cedrela, Teak	-
152	Ms. Agyeman Worwonyo	Ashanti	Mankranso	Desiri	44	128.0	0.0	0.0	0.0	128.0	N/A	8th May, 2018
153	Babaga Ghana Limited	Ashanti	Mankranso	Desiri	45	128.0	0.0	0.0	0.0	128.0	N/A	8th May, 2018
154	Adakoba Company Limited	Ashanti	Mankranso	Tinte Bepo	84	120.0	0.0	0.0	0.0	120.0	N/A	18th December, 2020
155	Aawess Ventures Limited	Ashanti	Mankranso	Tinte Bepo	40, 41	256.0	0.0	50.0	50.0	206.0	Teak	1st September, 2016
156	Anprif-Galaxy Industries Limited	Ashanti	Mankranso	Tinte Bepo	17, 27	256.0	0.0	148.0	148.0	108.0	Teak	26th September, 2016
157	Enviro Tech Bamboo Limited	Ashanti	Mankranso	Tinte Bepo	89	128.0	0.0	0.0	0.0	128.0	N/A	17th February, 2021
158	Green-Eco Ghana Limited	Ashanti	Mankranso	Tinte Bepo	5	128.0	0.0	0.0	0.0	128.0	N/A	6th April, 2021
159	Nana Osei Akoto	Ashanti	Mankranso	Tinte Bepo	86, 90	143.5	0.0	30.0	30.0	113.5	Teak	23rd January, 2008

APPENDIX I PRIVATE PLANTATION DEVELOPERS ON RESERVE - 2021												
NO.	COMPANY NAME	REGION	FOREST DISTRICT	FOREST RESERVE	COMPARTMENT/SERIES	AREA ALLOCATED (Ha)	AREA PLANTED - 2021 (Ha)	PREVIOUS AREA PLANTED (Ha)	AREA PLANTED TO DATE (Ha)	AREA REMAINING TO BE PLANTED (Ha)	SPECIES PLANTED	DATE OF APPROVAL/ALLOCATION
160	Forest Wood Products Company Limited	Ashanti	Mankranso	Tinte Bepe	13	128	0.0	0.0	0.0	128.0	Teak	30th December, 2019
161	Jogreddal Farms and Company Limited	Ashanti	Mankranso	Tinte Bepe	81	128	0.0	0.0	0.0	128.0	N/A	7th November, 2019
162	Upper and Lower Spring Ventures	Ashanti	Mankranso	Tinte Bepe	9	128	0.0	0.0	0.0	128.0	N/A	10th July, 2020
163	Kwasi Agyei & Opoku Timbers (KAGO)	Ashanti	Nkawie	Jimira	8	109.5	0.0	60.0	60.0	49.5	Cedrela	6th January, 2004
164	Maybrob Company Limited	Ashanti	Nkawie	Jimira	5, 7 & 42, 40 & 44	683.11	0.0	196.0	196.0	487.1	Cedrela	23rd March, 2004
165	OAEK (Odiuro Aname Ent.)	Ashanti	Nkawie	Jimira	38	129.53	0.0	90.0	90.0	39.5	Cedrela	2004
166	Presclent Management	Ashanti	Nkawie	Jimira	9 (portion)	128.11	10.0	38.0	48.0	80.1	Teak	26th July, 2016
167	William Ventures	Ashanti	Nkawie	Jimira	16 (portion)	4.0	0.0	4.0	4.0	0.0	Teak	-
168	Wood Pillar Limited	Ashanti	Nkawie	Jimira	9 (portion)	5.0	0.0	5.0	5.0	0.0	Cedrela	16th December, 2004
169	A.D.K Timbers Company Limited	Ashanti	Nkawie	Jimira Extension	18 (portion)	4.0	0.0	4.0	4.0	0.0	Cedrela, Teak	-
170	Bensukuf Timber and Trading	Ashanti	Nkawie	Jimira Extension	15 (portion)	15.0	0.0	15.0	15.0	0.0	Cedrela	2004
171	Bibiani Logging and Lumber Company Limited	Ashanti	Nkawie	Jimira Extension	19 (portion)	7.0	0.0	7.0	7.0	0.0	Cedrela, Teak	-
172	City View Company Ltd (CVC)	Ashanti	Nkawie	Jimira Extension	21	112.93	0.0	110.0	110.0	2.9	Cedrela, Teak	10th December, 2004
173	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
174	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
175	Oduro Aname 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
176	SKOD Timbers	Ashanti	Nkawie	Jimira Extension	Portion of 30	5.0	0.0	5.0	5.0	0.0	Cedrela	5th October, 2004
177	TSL (Tepe & Techiman Sawmills Ltd)	Ashanti	Nkawie	Jimira Extension	32	129.7	0.0	129.7	129.7	0.0	Cedrela, Teak	3rd June, 2004
178	Mai Enterprise	Ashanti	Nkawie	Tano Offin	229	128.0	0.0	0.0	0.0	128.0	N/A	18th December, 2019 17th July, 2019
179	Jusdal Plus Company Limited	Ashanti	Nkawie	Offin Shelterbelt	7 & 10	235.36	0.0	0.0	0.0	235.4	N/A	28th July, 2017
180	Abofour Wood Company Ltd	Ashanti	Offinso	Afram Headwaters	8 & 10	238.6	90.0	0.0	90.0	148.6	Teak	2018
181	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
182	Asuboa Wood Treatment Company Limited	Ashanti	Offinso	Afram Headwaters	26	130.49	21.0	80.0	101.0	29.5	Teak	5th June, 2020
183	Ben 'O' Investments Ltd	Ashanti	Offinso	Afram Headwaters	5	50.0	0.0	50.0	50.0	0.0	Teak, Cedrela	-
184	Ehvia Wood Products Limited (FC mgmt)	Ashanti	Offinso	Afram Headwaters	124	129.0	0.0	70.0	70.0	59.0	Teak, Cedrela	-
185	Evans Timbers Ltd	Ashanti	Offinso	Afram Headwaters	33, 35	380.0	0.0	210.0	210.0	170.0	Teak, Cedrela	2004
186	Sakam Savana (Formerly Green Start Co. Ltd.)	Ashanti	Offinso	Afram Headwaters	101	0.0	0.0	0.0	0.0	0.0	Teak	2003
187	Hon. Baifour Kese-Anankwa	Ashanti	Offinso	Afram Headwaters	107	205.99	0.0	100.0	100.0	36.0	Teak	9th August, 2001
188	Kasbo Company Ltd	Ashanti	Offinso	Afram Headwaters	108	117.0	0.0	83.0	117.0	0.0	Teak	2003
189	JIOJAYKO Enterprise	Ashanti	Offinso	Afram Headwaters	75	143.5	0.0	50.0	50.0	93.5	Teak	2003
190	JOSANWI Enterprise Limited	Ashanti	Offinso	Afram Headwaters	106	128.00	0.0	0.0	0.0	128.0	N/A	8th March, 2013
191	Kwaduff Co. Ltd	Ashanti	Offinso	Afram Headwaters	68	106.60	0.0	0.0	0.0	106.6	N/A	26th November, 2018
					95,120	205.61	20	112.5	132.5	73.1	Teak	4th November, 2012
					92	118.053	0.0	138.0	138.0	-19.9	Teak	13th August, 2001
					109	126.2	0.0	53.5	53.5	72.7	Teak	14th January, 2015
					102	111.91	0.0	85.0	85.0	26.9	Teak	2003

APPENDIX I PRIVATE PLANTATION DEVELOPERS ON RESERVE - 2021												
NO.	COMPANY NAME	REGION	FOREST DISTRICT	FOREST RESERVE	COMPARTMENT/SERIES	AREA ALLOCATED (Ha)	AREA PLANTED-2021 (ha)	PREVIOUS AREA PLANTED (ha)	AREA PLANTED TO DATE (ha)	AREA REMAINING TO BE PLANTED (ha)	SPECIES PLANTED	DATE OF APPROVAL/ALLOCATION
192	Logwood Industries Limited	Ashanti	Offinso	Afram Headwaters	34	100.0	0.0	50.0	50.0	50.0	Teak, Cedrela	2003
193	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	4,078.50	0.0	1570.4	1570.4	2508.1	Teak	5th February, 2010
194	Nect Saints Company Limited	Ashanti	Offinso	Afram Headwaters	122	153.04	15.0	19.0	34.0	119.0	Teak	7th September, 2017
195	Ben Dwomo & Co. Ltd	Ashanti	Offinso	Afrensu Brohuma	24,25	256.00	22.5	61.0	83.5	172.5	Teak	January, 2002
196	Diaby Leasing Company Limited	Ashanti	Offinso	Afrensu Brohuma	9,10	279.720	0.0	135.0	135.0	144.7	Teak	7th Jan, 2004 21st March, 2010
197	Dwen Sie Limited	Ashanti	Offinso	Afrensu Brohuma	46	131.20	0.0	40.0	40.0	91.2	Teak	19th March, 2008
198	FORM Ghana Ltd	Ashanti	Offinso	Afrensu Brohuma	8,12,19,20,21,22, 27,28,29,32,33,34,35	1,778.13	0.0	1778.1	1778.1	0.0	Teak, Ceiba, Mahogany, Albizia, Ofram, Emire, Watapu, Kokrodua, Potradom	1st September, 2012?
199	Michael Larbi	Ashanti	Offinso	Afrensu Brohuma	47	124.43	0.0	100.0	100.0	24.4	Teak	16th March, 2010
200	Next Door Farms	Ashanti	Offinso	Afrensu Brohuma	49	126.14	0.0	116.0	116.0	10.1	Teak	24th February, 2012
201	SUNSTEX	Ashanti	Offinso	Afrensu Brohuma	508	70.00	0.0	0.0	0.0	70.0	Teak	2013
202	Unity Afforestation and Tree Nursery Project	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	-
203	Ahmed Suleman Farms & Company Limited	Ashanti	Offinso	Asubima	30, 31	248.70	0.0	248.7	248.7	0.0	Teak	5th March, 2005
204	Colonel R.K. Opoku Adusei	Ashanti	Offinso	Asubima	15, 16, 17, 18, 19, 24, 25, 26	1,128.27	0.0	1058.0	1058.0	70.3	Teak, Casia	-
205	Fine Boy 'Pomako' Company Limited	Ashanti	Offinso	Asubima	56	100.0	0.0	100.0	100.0	0.0	Teak	20th February, 2006
206	Form Ghana Ltd	Ashanti	Offinso	Asubima	14	137.4	40.0	135.4	175.4	-38.0	Teak, Kyenkyen	27th February, 2015
207	Suleman Twi Farms	Ashanti	Offinso	Asubima	1,2,3,4,5,6,7,8,9,10, 11,12,13,27,28	1,776.50	0.0	1776.5	1776.5	0.0	Teak, Ceiba, Mahogany, Albizia, Ofram, Emire, Kola, Kokrodua, Potradom	30th Oct. 2007
208	Aawess Foundation	Ashanti	Offinso	Asufu East	61, 62	270.16	0.0	0.0	0.0	270.2	N/A	-
209	Kwaku Poku Timbers Ltd	Ashanti	Offinso	Asufu East	7	126.75	0.0	122.0	122.0	4.8	Teak, Ofram	27th January, 2014
210	Nkunim Ventures	Ashanti	Offinso	Asufu East	4,5	255.27	0.0	205.0	205.0	50.3	Teak, Cedrela	7th January, 2004
211	Offin Timbers & Construction Co. Ltd (O.T.C.C)	Ashanti	Offinso	Asufu West Shelterbelt	6	135.0	0.0	135.0	135.0	0.0	Teak, Ofram, Wawa	-
212	Felivero Farms (Siribeng Limited)	Ashanti	Offinso	Asufu West	18	128	20	53.0	73.0	55.0	Teak, Cedrela	4th September, 2004
213	Adwosa Ahwoi Group	Ashanti	Offinso	Kwamisa	19	128	33.28	35.0	68.3	59.7	Teak, Cedrela	4th September, 2003
214	Adu - Gyamfi Farms	Ashanti	Offinso	Kwamisa	16	128.0	0.0	85.0	85.0	43.0	Teak, Cedrela	10th September, 2004
215	Aidoo Ntim Farms	Ashanti	Offinso	Kwamisa	17	128.0	0.0	0.0	0.0	128.0	Teak, Cedrela	13th January, 2004
216	ASA-BA Enterprise	Ashanti	Offinso	Kwamisa	23	107.69	0.0	74.5	74.5	33.2	Teak	12th April, 2016
217	Asante Wiredu & Associates	Ashanti	Offinso	Kwamisa	55	141.45	0.0	128.0	128.0	13.5	Teak	24 December, 2001
218	Asantewaa Enterprise Limited	Ashanti	Offinso	Kwamisa	54	154.04	20.0	67.0	87.0	67.0	Teak	24 December, 2001
219	Asotia Boakye Company Limited	Ashanti	Offinso	Kwamisa	24	125.445	0.0	135.4	135.4	0.0	Teak	1st April, 2008
		Ashanti	Offinso	Kwamisa	2	150.172	0.0	150.2	150.2	0.0	Teak	8th January, 2004
		Ashanti	Offinso	Kwamisa	52	257.76	0.0	249.5	249.5	8.3	Teak	31st December, 2002
		Ashanti	Offinso	Kwamisa	34						Teak	8th January, 2004
		Ashanti	Offinso	Kwamisa	39	129.4	0.0	129.4	129.4	0.0	Teak	10th January, 2005

APPENDIX I PRIVATE PLANTATION DEVELOPERS ON RESERVE - 2021												
NO.	COMPANY NAME	REGION	FOREST DISTRICT	FOREST RESERVE	COMPARTMENT/SERIES	AREA ALLOCATED (ha)	AREA PLANTED -2021 (ha)	PREVIOUS AREA PLANTED (ha)	AREA PLANTED TO DATE (ha)	AREA REMAINING TO BE PLANTED (ha)	SPECIES PLANTED	DATE OF APPROVAL/ALLOCATION
220	Assakyiri Timbers and Wood Products	Ashanti	Offinso	Kwamisa	56 (portion)	30.0	0.0	30.0	30.0	0.0	Teak	26th March, 2003
221	William K. Asumadu & Margaret A. Kwabia	Ashanti	Offinso	Kwamisa	30	112.15	0.0	93.0	93.0	19.2	Teak	-
222	B.Y Ofori Frimpong	Ashanti	Offinso	Kwamisa	20	137.58	32.15	37.6	69.8	67.8	Teak	24th February, 2009
223	Boadu Ayebofo Plantations	Ashanti	Offinso	Kwamisa	46	136.21	0.0	128.0	128.0	8.2	Teak	20th December, 2002
224	Bonfrim Business Services	Ashanti	Offinso	Kwamisa	51	133.16	0.0	133.2	133.2	0.0	Teak, Cedrela	20th December, 2002
225	Charles Amankwah	Ashanti	Offinso	Kwamisa	44	129.138	0.0	129.1	129.1	0.0	Teak	7th November, 2007
226	Classic Farms Co. Ltd	Ashanti	Offinso	Kwamisa	48	120.20	0.0	118.0	118.0	2.2	Teak	16th May, 2005
227	CWC Ventures Limited	Ashanti	Offinso	Kwamisa	49	114.931	0.0	114.9	114.9	0.0	Teak	1st September, 2005
228	D&G Consults	Ashanti	Offinso	Kwamisa	40	168.027	0.0	168.0	168.0	0.0	Teak	25th October, 2007
229	(Dr. Ofori) Zyper Consult	Ashanti	Offinso	Kwamisa	43	130.2	5.0	120.0	125.0	5.2	Teak	
230	Green Moss Limited (Egban & Eghan Investments Limited)	Ashanti	Offinso	Kwamisa	57	149.53	0.0	149.5	149.5	0.0	Teak	21st December, 2011 10th January, 2005
231	EL-SARP Unique Company Limited	Ashanti	Offinso	Kwamisa	47	100.0	0.0	100.0	100.0	0.0	Teak	20th December, 2002
232	Europe Auto and Europe Farms Ltd	Ashanti	Offinso	Kwamisa	36, 37	260.435	0.0	260.4	260.4	0.0	Teak, Emire, Ofram, Tweapla	8th January, 2004
233	Fanfraine Ventures	Ashanti	Offinso	Kwamisa	56 (portion)	98.0	28.0	27.0	55.0	43.0	Teak	26th April, 2016
234	Faustina Kusi Timber Co. Ltd	Ashanti	Offinso	Kwamisa	42	128.0	10.0	83.0	93.0	35.0	Teak	20th January 2004
235	Florant Ventures Limited	Ashanti	Offinso	Kwamisa	18	178.23	12.5	103.0	115.5	62.7	Teak	10th January, 2005
236	Gorbros Ventures	Ashanti	Offinso	Kwamisa	50	162.17	0.0	100.0	100.0	62.2	Teak, Cedrela	24th December, 2002
237	Hon. Andrews Adjei Yeboah	Ashanti	Offinso	Kwamisa	32	86.52	0.0	82.0	82.0	4.5	Teak, Cedrela?	Aug-08
238	Isaac Opoku Boateng	Ashanti	Offinso	Kwamisa	3	120.0	0.0	101.5	101.5	18.5	Teak	6th January, 2004
239	JOB CONSTRUCT Ghana Ltd	Ashanti	Offinso	Kwamisa	22	96.99	0.0	97.0	97.0	0.0	Teak	20th February, 2006
240	K.A. Poku Farms Limited	Ashanti	Offinso	Kwamisa	33, 61	208.79	0.0	208.8	208.8	0.0	Teak	8th January, 2004 December, 2002
241	Ken Boat	Ashanti	Offinso	Kwamisa	59	128.0	0.0	100.0	100.0	28.0	Teak	
242	Kingsley Agyei Agyekum	Ashanti	Offinso	Kwamisa	23 (portion)	12.6	0.0	12.6	12.6	0.0	Teak	25th October, 2007
243	Kwadakuff Co. Ltd	Ashanti	Offinso	Kwamisa	19	119.25	0.0	100.0	100.0	19.3	Teak	2005
244	Orans Life Ltd	Ashanti	Offinso	Kwamisa	35,41	175.61	0.0	160.0	160.0	15.6	Teak	6th January, 2004
245	Osei Agyemang Badu	Ashanti	Offinso	Kwamisa	58	163.37	0.0	163.4	163.4	0.0	Teak, Ofram	8th January, 2008
246	OTK Farms	Ashanti	Offinso	Kwamisa	26	89.11	0.0	89.1	89.1	0.0	Teak	2/1/2007
247	Paul Kwasi (P.K) Forson	Ashanti	Offinso	Kwamisa	38	129.548	0.0	129.5	129.5	0.0	Teak, Cedrela plus one indigenous	7th January, 2004
248	SENS PROGRAM (Kwame Duodu Bonsu)	Ashanti	Offinso	Kwamisa	25	83.8	0.0	70.0	70.0	13.8	Teak	23rd January, 2006
249	Soak Farms & Trading Ent	Ashanti	Offinso	Kwamisa	53, 60	253.21	0.0	253.2	253.2	0.0	Teak	31st December, 2002
250	Vicalex Crafts Ltd	Ashanti	Offinso	Kwamisa	45	128.0	0.0	47.2	47.2	80.8	Teak	10th April, 2003
251	Obaatanpa Nyame Nti Enterprise	Ashanti	Offinso	Kwamisa	27	94.33	6.3	0.0	6.3	88.0	Teak	
252	ANTICO Wood Processing Limited	Ashanti	Offinso	Manrang	30	121.045	0.0	70.0	70.0	51.0	Teak	11th December, 2002
					29	136.471	0.0	0.0	0.0	136.5	N/A	17th February, 2004

APPENDIX I PRIVATE PLANTATION DEVELOPERS ON RESERVE - 2021												
NO.	COMPANY NAME	REGION	FOREST DISTRICT	FOREST RESERVE	COMPARTMENT/ SERIES	AREA ALLOCATED (Ha)	AREA PLANTED -2021 (Ha)	PREVIOUS AREA PLANTED (Ha)	AREA PLANTED TO DATE (Ha)	AREA REMAINING TO BE PLANTED (Ha)	SPECIES PLANTED	DATE OF APPROVAL/ALLOCATION
253	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
254	Camba Timbers	Ashanti	Offinso	Mankrang	15	130.0	0.0	30.0	30.0	100.0	Teak, Cedrela	-
255	Global Bamboo Products Ltd	Ashanti	Offinso	Mankrang	39	126.79	0.0	30.0	30.0	96.8	Bamboo, Teak	8th Jan. 2003
256	K.A.G Timbers Limited	Ashanti	Offinso	Mankrang	4	139.72	0.0	123.0	123.0	16.7	Teak, Cedrela	20th January, 2003
257	Nation Builders' Limited	Ashanti	Offinso	Mankrang	24	116.4	0.0	116.4	116.4	0.0	Teak	8th January, 2003
258	Roy C Company Ltd	Ashanti	Offinso	Mankrang	3,6	384.0	0.0	75.0	75.0	309.0	Teak	31st December, 2002
259	Unity Afforestation and Tree Nursery Project	Ashanti	Offinso	Mankrang	Portions of 1, 15, 57 & 58	214.62	0.0	214.6	214.6	0.0	Watapuo, Kyenkyen, Gmelina, Albizia, Mahogany, Wawa, Ofram, Teak, Cedrela	8th January, 2004
260	Franco Timbers	Ashanti	Offinso	Mankrang	portions of 18 and 50	9.48	0.0	9.5	9.5	0.0	Teak	2004 (year of plantation establishment)
261	Ebenezer Amarkwei Lanyea	Ashanti	Offinso	Opro River	95	141.43	20.23	0.0	20.2	121.2	N/A	8th July, 2013
262	Evans Timbers Ltd	Ashanti	Offinso	Opro River	19, 22, 73	360.0	0.0	110.0	110.0	250.0	Teak	2002
263	Grow Forest Ltd	Ashanti	Offinso	Opro River	74	128.0	0.0	128.0	128.0	0.0	Teak	2005
264	Iron Masters Company Ltd	Ashanti	Offinso	Opro River	97	116.72	0.0	0.0	0.0	116.7	N/A	20th February, 2013
265	JOB CONSTRUCT Ghana Ltd	Ashanti	Offinso	Opro River	92	129.82	0.0	63.0	63.0	66.8	Teak	5th February, 2013
266	Joe Sala Sawmill Ltd	Ashanti	Offinso	Opro River	91	117.56	0.0	84.0	84.0	33.6	Teak	5th February, 2013
267	J.Y.V Co. Ltd	Ashanti	Offinso	Opro River	93,94	244.77	4.8	240.0	244.8	0.0	Teak, Ofram, Mahogany, Cedrela	31st December, 2002
268	Kwane-Bi Kuffour Timber Co. Ltd	Ashanti	Offinso	Opro River	96	121.96	0.0	0.0	0.0	122.0	N/A	8th February, 2013
Sub-total Ashanti Region					98	150.9	0.0	81.0	81.0	69.9	Teak	11th August, 2003
						61,392.2	682.06	26,724.63	27,406.67	34,083.17		
269	Greenfields Plantations Limited/Ayum		Bechem	Bosomkese	16-20, 49A & 49B	806.0	0.0	422.0	422.0	384.0	Cedrela, Ceiba, Mansonia, Ofram, Utile, Mahogany, Wawa, Ote, Odium, Kusia, Kokrodua	-
270			Goaso	Bia Shelterbelt	9, 14	260.0	0.0	217.0	217.0	43.0	Wawa, Mahogany, Ofram, Pronoo, Kokrodua, Odum, Ote, Asantena, Onyina etc	24th October, 2008
Sub-total Ahafo						806.0	0.0	639.0	639.0	167.0		

APPENDIX I PRIVATE PLANTATION DEVELOPERS ON RESERVE - 2021												
NO.	COMPANY NAME	REGION	FOREST DISTRICT	FOREST RESERVE	COMPARTMENT/SERIES	AREA ALLOCATED (ha)	AREA PLANTED -2021 (ha)	PREVIOUS AREA PLANTED (ha)	AREA PLANTED TO DATE (ha)	AREA REMAINING TO BE PLANTED (ha)	SPECIES PLANTED	DATE OF APPROVAL/ALLOCATION
271	Bempastele Company Limited	Bono	Dormaa	Mpameso	227	123.9	0.0	0.0	0.0	123.9	N/A	27th April, 2021
272	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, Kyenken, Utile, Mansonia, Ofre, Kokrodou, Onyina, Sema siamea	-
273	Adaxad Farms	Bono	Dormaa	Pamu Berekum	24, 28	256.0	0.0	0.0	0.0	256.0	N/A	23rd May, 2014
274	Adams Farms	Bono	Dormaa	Pamu Berekum	69	142.9	0.0	80.0	80.0	62.9	Teak	25th January, 2005
275	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
276	AKABELS Enterprise	Bono	Dormaa	Pamu Berekum	Portion of 134	100.0	0.0	8.5	8.5	91.5	Teak	24th December, 2002
277	Akua Afriyle	Bono	Dormaa	Pamu Berekum	portions of 64,65,66,67	40.0	0.0	40.0	40.0	0.0	Teak	2002
278	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
279	Asoma & Family Plantation	Bono	Dormaa	Pamu Berekum	71	8.00	0.0	8.0	8.0	0.0	Teak	18th March, 2005
280	Asuwaom Complex	Bono	Dormaa	Pamu Berekum	Portion of 86	10.0	0.0	10.0	10.0	0.0	Teak	25th January, 2001
281	ATBED Company Limited	Bono	Dormaa	Pamu Berekum	91	125.0	0.0	9.8	9.8	115.2	Teak	7th May, 2004
282	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
283	Beffour Asamoah & Sons	Bono	Dormaa	Pamu Berekum	130	130.0	0.0	30.0	30.0	100.0	Teak	8th January, 2004
284	Environmentally Concerned Citizens Association of Ghana	Bono	Dormaa	Pamu Berekum	21	57.87	0.0	27.0	27.0	30.9	Teak	26th March, 2001
285	Delta-kaay Ltd & REMOGE (Resource and Mobilisation Centre for Global Emergencies)	Bono	Dormaa	Pamu Berekum	131, 132	256.0	23.0	150.0	173.0	83.0	Teak, Paulownia Spp	9th April, 2001
286	Dormaa Forestry International (Global Green)	Bono	Dormaa	Pamu Berekum	5, 6, 7, 8, 9, 11, 13, 14	1,018.19	0.0	240.0	240.0	778.2	Teak	28th February, 2001
287	Fair Teak Ghana Limited	Bono	Dormaa	Pamu Berekum	portions of 3, 5, 10, 11	187.82	0.0	187.82	187.82	0.0	Teak	
288	Hon. Yaw Afful	Bono	Dormaa	Pamu Berekum	123	128.0	30	12.0	42.0	86.0	Teak	17th March, 2010
289	JOWAK Enterprise Limited	Bono	Dormaa	Pamu Berekum	113, 128	263.0	0.0	165.0	165.0	98.0	Teak	29th January, 2001
290	Kyma Plantations	Bono	Dormaa	Pamu Berekum	136	200.0	0.0	60.0	60.0	140.0	Teak	22nd March, 2007
291	Mireku Complex Limited	Bono	Dormaa	Pamu Berekum	111	105.0	0.0	5.0	5.0	100.0	Teak	1st November, 2012
292	Taptop Company Ltd	Bono	Dormaa	Pamu Berekum	126 & 127	256.0	0.0	0.0	0.0	256.0	N/A	2017
293	Weddi Africa (formerly, Morricon Company Limited)	Bono	Dormaa	Pamu Berekum	135	259.70	20.5	79.7	100.2	159.5	Teak, Ofram	7th January, 2004
294	Weddi Africa Ltd	Bono	Dormaa	Pamu Berekum	110	128.00	0.0	0.0	0.0	128.0	Teak	4th March, 2020
295	Nana Kordle Yeboah II (Dormaa Aduanahene)	Bono	Dormaa	Pamu Berekum	125	128.00	65	0.0	65.0	63.0	N/A	2012

APPENDIX I PRIVATE PLANTATION DEVELOPERS ON RESERVE - 2021												
NO.	COMPANY NAME	REGION	FOREST DISTRICT	FOREST RESERVE	COMPARTMENT / SERIES	AREA ALLOCATED (ha)	AREA PLANTED - 2021 (ha)	PREVIOUS AREA PLANTED (ha)	AREA PLANTED TO DATE (ha)	AREA REMAINING TO BE PLANTED (ha)	SPECIES PLANTED	DATE OF APPROVAL/ALLOCATION
296	Oboade Farms	Bono	Dormaa	Pamu Berekum	38	128.0	0.0	0.0	0.0	128.0	N/A	14th October, 2013
297	Oheneba K.D. Foundation	Bono	Dormaa	Pamu Berekum	43	50.0	0.0	26.0	26.0	24.0	Teak, Olie	8th January, 2004
298	Omanba Solutions Ltd	Bono	Dormaa	Pamu Berekum	125	128.0	10.0	6.0	16.0	112.0	Teak	16th April, 2013
299	Original Asaase Aban Complex Limited	Bono	Dormaa	Pamu Berekum	82, 83	100	0.0	18.0	18.0	82.0	Teak	9th January, 2003
300	Osagyefo Osaadeyo Agyeman Badu II (Dormaaahene)	Bono	Dormaa	Pamu Berekum	33, 34	186.95	0.0	45.0	45.0	142.0	Teak	10th February, 2012
301	Partners Sustainability Limited	Bono	Dormaa	Pamu Berekum	118	10	0.0	10.0	10.0	0.0	Teak	7th January, 2007
302	Peggy Addai	Bono	Dormaa	Pamu Berekum	44, 45	256	0.0	150.0	150.0	106.0	Teak	29th January, 2002
303	Peter Ansu Kumih Farms	Bono	Dormaa	Pamu Berekum	86	100.73	15.0	17.0	32.0	68.7	Teak	10th March, 2005
304	Rosakus Company Limited	Bono	Dormaa	Pamu Berekum	70	128.0	0.0	75.0	75.0	53.0	Teak	1st February, 2002
305	Rural Forest Enterprise	Bono	Dormaa	Pamu Berekum	23, 24	250.0	0.0	10.0	10.0	240.0	Teak	29th January, 2002
306	Sacred Heart Farms	Bono	Dormaa	Pamu Berekum	76	120.0	15.0	9.0	24.0	96.0	Teak	10th March, 2005
307	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	1,463.0	N/A	27th August, 2014
308	Strassweg Company Limited	Bono	Dormaa	Pamu Berekum	138	232.09	38	23,402	61.4	170.7	Teak, Mahogany, Wawa, Cedreia, Ofram	21st December, 2015
309	Tuah Sawmills & Farms	Bono	Dormaa	Pamu Berekum	25,26,27	309.94	0.0	110.0	110.0	199.9	Teak, Cedreia	13th January, 2003
310	Greenfields Plantations Limited/Ayum	Bono	Sunyani	Amama	68, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24	3255.00	0.0	3062.0	3062.0	193.0	Cedreia, Ofram, Ceiba, Mahogany, Edinam, Wawa, Emire, Kyenkyen, Koto, Utile, Mansonia, Olie, Makore, Asanfina, Akasa, Odum, Kokrodua, Eucalyptus, Pine, Cassia, Mangium, Kusia	-
311	Greenfields Plantations Limited/ Scanstyle	Bono	Sunyani	Asukese	33, 34, 43	450.00	0.0	0.0	0.0	450.0	N/A	-
312	James Owusu Anisah	Bono	Sunyani	Sawsaw	3	119.24	0.0	0.0	0.0	119.2	N/A	-
313	Musco Asante Limited	Bono	Sunyani	Sawsaw	8,9,10	384.0	0.0	369.3	369.3	14.8	Teak	3rd March, 2006
314	Atta Kruffi Enterprise	Bono	Sunyani	Tain I	18,24,25	300.0	0.0	206.0	206.0	94.0	Teak	11th April, 2001
315	Franco Timbers	Bono	Sunyani	Tain I	11, 12, 13, 14	561.0	0.0	561.0	561.0	0.0	Teak	25th January, 2001
316	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
317	Abronye Investment Company	Bono	Sunyani	Tain II	293, 304, 305, 306, 316, 340, 341, 346, 397		10.0	505.4	515.4	-515.4	Teak	
318	Envirohealth Consult Ltd	Bono	Sunyani	Tain II	178	128.0	0.0	0.0	0.0	128.0	N/A	

APPENDIX I PRIVATE PLANTATION DEVELOPERS ON RESERVE - 2021												
NO.	COMPANY NAME	REGION	FOREST DISTRICT	FOREST RESERVE	COMPARTMENT/ SERIES	AREA ALLOCATED (ha)	AREA PLANTED - 2021 (ha)	PREVIOUS AREA PLANTED (ha)	AREA PLANTED TO DATE (ha)	AREA REMAINING TO BE PLANTED (ha)	SPECIES PLANTED	DATE OF APPROVAL/ALLOCATION
319	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
320	Asuo Bomosadu 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)	1,991.56	0.0	293.9	293.9	1697.7	Teak, Ofram, Mahogany, Cedreia, Ceiba, Emire	21st September, 2005
321	ATBED Enterprises	Bono	Sunyani	Tain II	200, 223	250.0	0.0	0.0	0.0	250.0	N/A	
322	Kwabena Kyeremeh Sawmill Ltd	Bono	Sunyani	Tain II	324 & 325	256.0	0.0	256.0	256.0	0.0	Teak	2nd April, 2003
323	Kwasi Adjel & Son Investment	Bono	Sunyani	Tain II	313, 321, 337	384.0	0.0	10.4	10.4	373.6	Teak	
324	Kofi Vinyo Company Limited	Bono	Sunyani	Tain II	326	128.0	0.0	0.0	0.0	128.0	N/A	8th August, 2016
325	Logs and Lumber Limited (LL)	Bono	Sunyani	Tain II	207, 208, 209, 210, 211, 215, 216, 217	1211.61	110.0	324.0	434.0	777.6	Teak, Mahogany, Cedreia	2006
326	Parewood Company Limited	Bono	Sunyani	Tain II	290, 291, 292, 311	488.23	10.0	225.6	235.6	252.6	Teak	28th March, 2003
327	Royal Group Company Limited	Bono	Sunyani	Tain II	329, 330, 331, 332	400.00	0.0	39.0	39.0	361.0	Teak	13th March, 2001
328	Sidakon Woods Limited	Bono	Sunyani	Tain II	201,202,203	356.0	0.0	350.0	350.0	6.0	Teak	2011
329	Frim-Owusu Limited	Bono	Sunyani	Tain Tributaries II	239	150.0	0.0	34.0	34.0	116.0	Teak	7th January, 2010
Sub-total Bono Region						25,497.69	346.5	9,694.74	10,041.24	15,456.45		
330	Atlantic Distribution	Eastern	Akim-Oda	Esen Epan	4,11	271.82	0.0	191.1	191.1	80.7	Cedreia, Emire, Ofram, Mahogany	15th August, 2005
331	Nissi Kay Enterprise	Eastern	Akim-Oda	Esen Epan	27,34	83.49	0.0	0.0	0.0	83.5	N/A	29th July, 2019
332	Atlantic Own Company Limited	Eastern	Akim-Oda	Oboyow	4	128	0.0	0.0	0.0	128.0	N/A	17th August, 2021
333	New Leaf Investment Limited	Eastern	Akim-Oda	Oboyow	1, 2	256	0.0	0.0	0.0	256.0	N/A	24th November, 2021
334	Pure Bloomsgh	Eastern	Akim-Oda	Oboyow	3	181.57	0.0	0.0	0.0	181.6	N/A	31st May, 2021
335	Kingsworth Farms	Eastern	Begoro	Dede	10, 11	283.08	146.0	0.0	146.0	137.1	Neem	18th February, 2021
336	Mike Asaam (ACMA Group)	Eastern	Begoro	Southern Scarp	87-90, 93-95 (Ahinkwa)	179.51	0.0	100.0	100.0	79.5	Teak, Cedreia	29th January, 2001
337	Paul Dra Awittor (All Youth Farmers Association (NGO))	Eastern	Begoro	Southern Scarp	BP190, 191 & 192	50.25	0.0	5.0	5.0	45.3	Cedreia; Ofram; Emire; Teak	6th January, 2004
338	Apstar Enterprise	Eastern	Begoro	Southern Scarp	51, 53, 54, 56	323.42	0.0	144.0	144.0	179.4	Teak, Cedreia, Odum, Ceiba, Wawa, Kotreampo, Ofram, Emire, Mahogany, Bako, Dahona	9th January, 2004
339	Evergreen Club of Ghana	Eastern	Begoro	Southern Scarp	1	50.0	0.0	50.0	50.0	0.0	Teak, Cedreia, Ofram, Emire, Cassia	-
340	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	Cedreia; Kyenkyen; Wonton; Kokrodua; Kusia; Ofram, Emire	2000
341	Forest Research Institute of Ghana (FORIG)	Eastern	Begoro	Southern Scarp	Apa Series (2005-2006)	50.0	0.0	45.0	45.0	5.0	Cedreia; Kyenkyen; Wonton; Kokrodua; Kusia; Ofram, Emire	2000
342	Health and Environmental Monitor	Eastern	Begoro	Southern Scarp	Pimpimso Taungya Series	50.0	0.0	40.0	40.0	10.0	Teak, Cedreia	1st March, 2003

APPENDIX I PRIVATE PLANTATION DEVELOPERS ON RESERVE - 2021													
NO.	COMPANY NAME	REGION	FOREST DISTRICT	FOREST RESERVE	COMPARTMENT/SERIES	AREA ALLOCATED (Ha)	AREA PLANTED 2021 (ha)	PREVIOUS AREA PLANTED (ha)	AREA PLANTED TO DATE (ha)	AREA REMAINING TO BE PLANTED (ha)	SPECIES PLANTED	DATE OF APPROVAL/ALLOCATION	
343	Kolja Farms	Eastern	Begoro	Southern Scarp	16	100.0	0.0	44.0	44.0	56.0	Teak	-	
344	Kasapraiko Co. Ltd	Eastern	Begoro	Southern Scarp	FRBP 234-248	10.00	0.0	10.0	10.0	0.0	Mahogany, Cedrela	26th February, 2003	
345	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	
346	OTK Farms	Eastern	Begoro	Worobong South	47,48,52 (Portions)	13.07	0.0	13.1	13.1	0.0	Teak	25th January, 2006	
347	Hon. Frederick Opare-Ansah	Eastern	Begoro	Worobong North	Bounded by FRBP 42-43	80	0.0	0.0	0.0	80.0	N/A		
348	Trust Link	Eastern	Mpraeso	Southern Scarp	Cpt 114 (Nkawanda No. 1)	100	0.0	20.0	20.0	80.0	Teak, Cedrela	25th January, 2006	
349	BCS Limited	Eastern	Mpraeso	Northern Scarp	FRBP 42 and 44	50	0.0	0.0	0.0	50.0	N/A	21st April, 2006	
350	Ahann's 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	
351	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	
352	CFSL Farms	Eastern	Mpraeso	Worobong South	Dwerebease	10.0	0.0	7.0	7.0	3.0	Teak	25th January, 2006	
353	Collinsara & Sons	Eastern	Mpraeso	Southern Scarp	Dwerebease	20	0.0	10.0	10.0	10.0	N/A	27th February, 2008	
354	Feneboat Enterprise	Eastern	Mpraeso	Southern Scarp	Kayera	50	0.0	50.0	50.0	0.0	Teak, Cedrela	2003	
355	Jet Sawmills Limited	Eastern	Mpraeso	Southern Scarp	Dwerebease	66.3	0.0	41.0	41.0	25.3	Teak, Cedrela, Afram		
356	Maxwell Kofi Amoakohene/Amelia Croffie Plantation	Eastern	Mpraeso	Southern Scarp	82	70.0	0.0	29.4	29.4	40.6	Teak	25th January, 2006	
357	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	
358	Mr. Yaw Baafi	Eastern	Mpraeso	Southern Scarp	FRBP 245 and 247	20.0	0.0	0.0	0.0	20.0	N/A	2006	
359	Sir Hokoe Ghana Ltd	Eastern	Mpraeso	Southern Scarp	Bepoo/Oboam	50.0	0.0	25.0	25.0	25.0	Teak, Cedrela	6th January, 2003	
360	Groman Company Limited	Eastern	Somanya	Volta River Block II	Between FRBP 36 and 37 near Agatom Community	120.52	2.0	8.8	10.8	109.7	Teak	16th July, 2009	
361	Lordamm Ventures	Eastern	Somanya	Volta River Block I	Ayeramasu	100.0	4.5	14.0	18.5	81.5	Teak	14th March, 2007	
362	Odometa Agricultural Estates Limited	Eastern	Somanya	Volta Block I	Aboaborn/Bana	100	0.0	100.0	100.0	0.0	Teak	26th May, 2008	
363	Nilecade Ventures 2010	Eastern	Somanya	Volta Block I	Aboam	100	0.0	0.0	0.0	100.0	N/A	17th March, 2010	
Sub-total Eastern Region							152.5	1,119.38	1,271.86	1,959.18			
364	Thrive Enterprise	Greater Accra	Tema/Ada	Fankonya	1-16	300.0	2.0	95.7	95.7	204.3	Mahogany, Eucalyptus, Ceiba	29th September, 2005	
Sub-total Greater Accra Region							2.0	95.7	95.7	204.3			
365	Jaksally Co. Ltd	Savannah	Bole	Kenikeni	Grupe	50.0	0.0	50.0	50.0	0.0	Teak	26th January, 2004	
366	Jen Kurige Seidu Adamu Company	Savannah	Bole	Kenikeni	Grupe	40.0	0.0	40.0	40.0	0.0	Teak	26th January, 2004	
367	Khanzan Wura (GH) Ltd	Savannah	Bole	Kenikeni	Grupe	40.0	0.0	40.0	40.0	0.0	Teak	9th January, 2004	
Sub-total Savannah Region							0.0	130.0	130.0	0.0			
368	Africoop	Oti	Nkwanta	Chai River	Tutukpere	100.0	0.0	0.0	0.0	100.0	N/A	-	
Sub-total Oti Region							0.0	0.0	0.0	100.0	100.0		

PRIVATE PLANTATION DEVELOPERS ON RESERVE - 2021												
NO.	COMPANY NAME	REGION	FOREST DISTRICT	FOREST RESERVE	COMPARTMENT/SERIES	AREA ALLOCATED (ha)	AREA PLANTED - 2021 (ha)	PREVIOUS AREA PLANTED (ha)	AREA PLANTED TO DATE (ha)	AREA REMAINING TO BE PLANTED (ha)	SPECIES PLANTED	DATE OF APPROVAL/ALLOCATION
PUBIC-PRIVATE PARTNERSHIP (PPP)												
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	6268.2	923.4	1550.2	1268.5	Bamboo	31st July, 2014
					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	7804.6	N/A	22nd April, 2016	
2	Ecoplanet Bamboo WA II, LLC	Ashanti	Kumawu	Bounfum	87, 88, 94, 95, 105, 107, 110, 112, 115, 119, 130, 146, 154, 157	1791.0					Gmelina, Teak, Acacia, Eucalyptus, Gmelina	7th July, 2014
					121, 128, 137, 142, 152, 153	825.0						
					5, 6, 24, 51A, 60A, 71, 73, 74, 99, 100, 133, 214, 216, 217, 218, 219, 220	2053.7						
					4, 17, 20, 21	512.0						
					1, 116, 199, 205, 206, 207, 210, 211 & 215	1024.0						
					13, 104, 129, 132, 136, 141 & 192							
3	MIRO Forestry (Ghana) Limited	Ashanti	Mampong	Chirimfa	56, 65, 66, 75, 76, 77, 83, 84, 85, 91, 92, 93, & 98	1594.4					Gmelina, Teak, Acacia, Eucalyptus (dominant)	12th April, 2017
					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	8094.0	8852.41	9180.6			
					7, 12, 14, 29, 38, 49	768.0						
					Portions of 13							
					19 & 24A	232.0						
					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						
					26, 27, 29 & 34	512.0						
					4, 7 & 8	384.0						
					1C, 11, 13, 14 & 17	640.0						
					28-39, 42-92, 97, 98, 102-104, 107-129, 135-140	14576.0	138.59	7285.8	7424.4	7151.6		
4	Form Ghana Ltd	Bono	Sunyani	Tain II								

APPENDIX I PRIVATE PLANTATION DEVELOPERS ON RESERVE - 2021												
NO.	COMPANY NAME	REGION	FOREST DISTRICT	FOREST RESERVE	COMPARTMENT / SERIES	AREA ALLOCATED (ha)	AREA PLANTED -2021 (ha)	PREVIOUS AREA PLANTED (ha)	AREA PLANTED TO DATE (ha)	AREA REMAINING TO BE PLANTED (ha)	SPECIES PLANTED	DATE OF APPROVAL/ALLOCATION
5	Platinum Plantations Limited	Eastern	Akim-Oda	Esen Epanm	9,10,13,15,19,20,21,22,23, 24,28,29,30,31, 32 & 33	1,210.4	23.31	405.9	429.2	781.2	Rubber (Hevea brasiliensis), Celiba; Ofram; Mahogany; Teak; Subaha	22nd October, 2015
6	Zlis Company Limited	Ashanti	Nkawie	Jimira Extension	14, 15, 16, 17, 18, 22, 25, 26	935.2	210	460.0	670.0	265.2	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	0.0	N/A		
8	Rainbow Love Ventures	Ashanti	Offinso	Asubima	22; 23; 29; 36	473.0	20	270.0	290.0	183.0	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	128	823.0	951.0	1511.0	Teak	8th August, 2017
10	Office Needs & Trading	Ashanti	Mankranso	Tinte Bepe	11 & 12	256.0	55	246.0	301.0	0.0	Teak; Cedreila	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 Construction & Engineering Limited	Ashanti	Mankranso	Tinte Bepe	36	125.2	100	0.0	100.0	25.2	N/A	1st April, 2019
13	Asuboa Wood Treatment Ltd	Ashanti	Mankranso	Tinte Bepe	55;56;57;58;59;60;61;62;63;64;65;66;74;75;76;77	2,040.9	350	0.0	350.0	1690.9		4th March, 2020
14	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	0.0	1755.0	1755.0	2201.5	Teak	4th February, 2019
15	Fosu & Fosuaa Company Limited	Bono	Dormaa	Mpameso	201, 202	256.0	36	0.0	36.0	220.0	Teak	9th April, 2020
16	Neods Saints Company Limited	Ashanti	Mankranso	Tinte Bepe	15	128.0	111.0	0.0	111.0	17.0		27th July, 2020
17	Ororo Company Limited	Ashanti	Mankranso	Tinte Bepe	72, 73	287.0	80	0.0	80.0	207.0		17th July, 2020
18	Egyir Company Limited	Ashanti	Offinso	Afram Headwaters	76	164.7	53	0.0	53.0	111.7	N/A	26th June, 2020
19	Sakam Swana	Ashanti	Offinso	Afram Headwaters	48 (portion), 66, 67,	389.68	216.2	0.0	216.2	173.5	Teak	18th February, 2021
20	Logs & Lumber Limited (LL)	Bono	Sunyani	Tain II	190, 192 & 227	384.0	0.0	0.0	0.0	384.0	N/A	21st July, 2021
21	Mr. Kwaku Osei-Owusu Adomako	Ashanti	Mankranso	Tinte Bepe	21 & 23	256.0	0.0	0.0	0.0	256.0	N/A	7th September, 2021
TOTAL PRIVATE PLANTATION DEVELOPMENT (PPP)						59,166.4	2,906.3	20,263.1	23,169.4	35,997.0		
GRAND TOTAL ACHIEVEMENT PRIVATE PLANTATION DEVELOPMENT						154,826.90	4,202.27	59,112.96	63,315.23	91,511.67		
OUTSIDE FOREST RESERVE												
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	
TOTAL						86,497.5	0.0	8,619.8	8,619.8	77,877.7		

APPENDIX I PRIVATE PLANTATION DEVELOPERS ON RESERVE - 2021												
NO.	COMPANY NAME	REGION	FOREST DISTRICT	FOREST RESERVE	COMPARTMENT/SERIES	AREA ALLOCATED (ha)	AREA PLANTED - 2021 (ha)	PREVIOUS AREA PLANTED (ha)	AREA PLANTED TO DATE (ha)	AREA REMAINING TO BE PLANTED (ha)	SPECIES PLANTED	DATE OF APPROVAL/ALLOCATION
REFORESTATION OFF-SET PROJECTS												
On- Reserve												
1	Newmont Golden Ridge Limited	Eastern	Kade	Kweikaru	14, 15 & 16 (portions)	257	0.0	257.0	257.0	-	Cedrela, Ofram, Emire, Mahogany, Ceiba, Kusia, Bamboo	12th December, 2014
2	Chirano Gold mines	Western North	Bibiani	Tano Suraw/Forest Reserve	4, 5, 6 & 7	494.52	0.0	0.0	0.0	494.5		
3	Bogoso (Future Global Resources Limited formerly Golden Star Bogoso Prestea Limited)	Central	Dunkwa	Minta	16	50.0	4.0	46.0	50.0	0.0	Cedrela, Ofram, Mahogany	9th March, 2020
Off-Reserve												
1	Newmont Golden Ridge Limited	Eastern	Kade	New Abirem OFR	N/A	60	0.0	60.0	60.0	-	Cedrela; Ofram; Emira, Mahogany	12th December, 2014

QUANTITY OF SEEDLINGS PROCURED UNDER MTS AND YAP - 2021

Region	Forest District	Asanfena	Baku	Bamboo	Cassia	Cassia nodosa	Cedrela	Ceiba	Danta	Denya	Edinam	Emire	Eucalyptus	Gmelina	Hyedua	Kyenkyen	Mahogany	
Ahafo	Bechem						61,360								2,250		4,500	
	Goso						198,060					13,700			7,000		57,140	
Ahafo Total							259,420					13,700			7,000		61,640	
Ashanti	Bekwai			5,000			701,280					8,119					21,000	
	Juaso			1,000			52,196					2,080					14,600	
	Kumawu																	
	Mampong			1,700			4,776	1,000				2,000					13,000	
	Mankranso			5,000			78,015					11,100					83,665	
	New Edubiase						81,256	24,645	2,150			1,420			20	650	4,462	
	Nkwari		800	2,500			536,766	2,496				43,850			9,500		176,690	
	Offinso			2,000														
Ashanti Total		800	800	17,000			1,454,289	28,141	2,150			68,569			9,500	7,420	650	313,317
Bono	Dormaa						77,284					11,350			16,300		146,804	
	Sunyani						197,907					9,400			9,400			
Bono Total							275,191					11,350			25,700		146,804	
Bono East	Kintampo											1,000			202,550		33,500	
Bono East Total												1,000			202,550		33,500	
Central	Assin Foso						348,350					2,000					27,600	
	Cape Coast						47,445									2,000		
	Dankwa						37,000									2,000	1,000	
	Winneba						5,451					292					8,272	
Central Total					35,139		438,246					292			2,000		36,872	
Eastern	Begoro						53,830					10,409					10,000	
	Kade						102,045	500				2,000					12,475	
	Mpraeso						12,043					467					6,856	
	Somanya						12,700					7,100						
Eastern Total							180,618	500				12,876			16,425	777	29,331	
Greater Accra	Achimota			5,500		19,720	217										11,200	
	Tema/ Ada					15,600											14,850	
Greater Accra Total				5,500		35,320	217										26,050	
North East	Gambaga																	
	Walewale																	
North East Total																		
Northern	Yendi																	
Northern Total																		
Oti	Jasikan																3,900	
	Nkwanta							2,950				9,386					13,441	
Oti Total								2,950				9,386					17,341	
Savannah	Bole																	
	Buipe/Damongo																	
Savannah Total																		
Upper West	Lawra				48,328								60,410				19,164	
	Tumu				29,000												5,000	
Upper West Total					77,328								60,410				24,164	
Volta	Denu/Sogakope																	
Volta Total																		
Western	AssinKrangwa		1,000				52,950				70,620	30,630			24,000		35,500	
	Takoradi						150,000					7,500					30,000	
	Tarkwa						38,000					4,000					15,000	
Western Total			1,000				240,950				70,620	42,130			24,000		80,500	
Western North	Bibiani						789,950					2,300					3,000	
	Enehi		1,000	4,000			2,000				1,100	5,000			11,500		38,100	
	Juaboso				200		715,400				10,000						57,500	
	Sefwi Wiawso		3,000				567,050	5,000		5,000	88,500					10,000	321,220	
Western North Total		1,000	7,000		200		2,074,400	5,000		5,000	21,100	95,800			11,500	10,000	419,820	
Grand Total		1,000	8,800	22,500	147,987	217	4,923,114	36,591	2,150	5,000	91,720	247,717	60,410	285,561	47,170	11,427	1,189,339	

QUANTITY OF SEEDLINGS PROCURED UNDER MTS AND YAP - 2021

Region	Forest District	Mansonia	Montalis	Neem	Odum	Ofram	Ofram	Papao	Red Sandalwood	Rosewood	Royal Palm	Teak	Wawa	Kokrodua	Bauhinia	Millettia	Aecia	Grand Total
Ahafo	Beechem					2,000						584,080		1,800				655,990
	Croaso	6,800				66,300				10,000								359,000
Ahafo Total		6,800				68,300				10,000		584,080		1,800				1,014,990
Ashanti	Bekwai					12,800												748,199
	Juaso					34,450						131,375						235,701
	Kumawu					5,000						281,000						286,000
	Mampong					8,813						447,818						479,107
	Mankranso	2,000				138,570						167,056						485,406
	New Edubiase	7,700				23,895						5,120						151,218
	Nkawie	3,800				160,193				4,500		334,273		300				1,282,868
	Offinso											833,393						833,393
Ashanti Total		13,500				383,721				4,500		2,200,035		300				4,503,892
Bono	Dormaa	986				31,083		1,096		5,000		231,431	3,200	800				525,334
	Sunyani					1,000				3,400		328,127	900					540,734
Bono Total		986				32,083		1,096		8,400		559,558	4,100	800				1,066,068
Bono East	Kintampo					10,030				2,000		28,000						277,080
Bono East Total						10,030				2,000		28,000						277,080
Central	Assin Foso					29,610				5,000		287,371						699,931
	Cape Coast					1,000						47,900						96,345
	Dunkwa																	40,000
	Winneba					2,350						12,464	200					64,168
Central Total						32,960				5,000		347,735	200					900,444
Eastern	Begoro	999				5,942						98,262						180,219
	Kade	600				16,000												156,510
	Mpraeso					22,890						8,937						37,628
	Somanya											4,900						24,700
Eastern Total		1,599				28,832						112,099						399,057
Greater Accra	Achimota		10			200				2,577		4,000			1,200	203		44,827
	Tema/Ada			2,000		900				2,000								35,350
Greater Accra Total			10	2,000		1,100				4,577		4,000			1,200	203		80,177
North East	Gambaga											133,175						133,175
	Walewale											18,600						18,600
North East Total												151,775						151,775
Northern	Yendi											15,666						15,666
Northern Total												15,666						15,666
Oti	Jasikan					16,426						48,714						69,040
	Nkwanta					4,949				1,111		30,369						62,206
Oti Total						21,375				1,111		79,083						131,246
Savannah	Bole											103,667						103,667
	Buipe/Damongo											47,961						47,961
Savannah Total												151,628						151,628
Upper West	Lawra			6,000						11,200		96,656						241,758
	Tumu											24,000						63,000
Upper West Total				6,000						11,200		120,656						304,758
Volta	Denu/Sogakope											5,000					10,540	20,411
Volta Total												5,000					10,540	20,411
Western	Asankrangwa	8,000				142,500							4,500					369,700
	Takoradi	1,000				38,500							13,000					240,000
	Tarkwa	2,000				12,286												71,286
Western Total		11,000				193,286							17,500					680,986
Western North	Bibiiani					500												882,950
	Enchi					54,500								753	11,500			129,453
	Juaboso	2,000				117,000				1,000		34,000						907,100
	Sefwi Wiawso	55,900		15,000		283,858		5,000										1,442,528
Western North Total		57,900		15,000		542,558		5,500		1,000		34,000	753	39,500				3,362,031
Grand Total		91,785	10	8,000	31,000	1,314,245	5,500	6,096	4,577	43,211	4,871	4,393,315	22,553	42,400	1,200	203	10,540	13,060,209

QUANTITY OF SEEDLINGS LIFTED FROM FSD NURSERIES

REGION	DISTRICT	Acedia	Akye	Albizia	Asarifina	Afia	Bachab	Cashew	Casia	Catechu	Celba	Cherichen	Christmas Tree	Dahoma	Davodawa	Edman	Emire	Eucalyptus	Flumbayant	Gmelina	Hydrea	Kilbawi	Kola	Leucaena	Ligite
Alfio	Bechem								24,603								5,657					14,500			
	Cooso								3,840	26,071	35,328														
Alfio Total									3,840	26,071	35,328														
	Bekwai								19,295														14,500		
Alfio Total									19,295														14,500		
	Juso								3,098	6,298									1,396						
	Komawu								16,300																
	Nanpang		297						9,020																
	Mankraso													1,236											
	New Edubase			995					1,003	19,000	1,940	1,600	784			150	950	20,600							
	Nkawe								3,568	87,913															
	Offiso		297			995			52,284	240,778	1,940	1,600	784	1,236		150	26,030	1,396							
Alfio Total									5,000	19,950	1,700	1,000								4,000					
	Dorma								6,200	35,902	2,600										24,000				
	Sunyami								11,200	55,852	4,300	1,000									28,000				
Bono Total									52,418		5,000														
	Atebubu								31,058																
	Bono East								22,617																
	Kimmpo								111,093		5,000														
	Nkwana								240	7,620															
Bono East Total						5			14,677	71,894															
	Assin Fosu								486	62,016															
	Cape Coast								85,889	2,641															
	Dunkwa								101,292	144,171															
	Winneba					5			3,975	27,513	1,359														
Central Total									14,321	20,487															
	Alim Odi								15,030																
	Begoro								20,110	52,010	50														
	Dankrom								1,250	42,249															
	Kade		240						11,300	15,072															
	Kyebi		690						13,235	2,970															
	Mpasso								64,900	247,311	1,409														
	Sonaya	71,153							14,321	20,487															
Eastern Total		71,153	930	170					22,842		10														
	Amasaman	1,757		800					38,163	20,497															
	Greater Accra								800																
	Regional office	1,57		30					1,000	10															
	Tenna	13,477		2,825					839																
Greater Accra Total									839	20,497															
	North East								4,708	18,142															
	Gambaga								8,000																
	Walewale								4,708	26,142															
North Total									2,300	38,090	279														
	Tamale								2,300	38,090															
	Yendi								9,155																
North Total									2,300	47,245	279														
	On								1,604	10,800	180	4,200													
	Jasikan								32,431																
	Nkwanta								23,890																
Oti Total									23,890																
	Savannah								10,000																
Savannah Total									10,000																
	Upper East								950	40,247	13,049														
	Bolgatanga		920						208	23,428	5,448														
	Navromgo								950	73,675	133,497														
Upper East Total									950	73,675	133,497														
	Upper West								44,576																
	Lawra		1,000						94,757																
	Tumu								139,333																
Upper West Total									139,333																
	Denu/Sogokepe								58,991																
	Ho								58,991																
Volta Total									58,991																
	Asanlegaya								21,000																
	Takoradi								60,000																
Western Total									18,500	23,142															
	Tarkwa		700	1,338					18,500	104,142	941														
	Bibiiani																								
	Enchi																								
	Juaboso								130,000																
	Sefwi Wiawso								58,600																
Western North Total									261,842	1,941															
	Grand Total	23,464	3,287	24,663	1,000	950	8,216	804,583	1,136,067	183,874	6,800	784	1,236	3,839	21,770	137,866	77,537	4,536	123,627	600	14,500	10	4,893	475	

REGION	FOREST DISTRICT	FOODCROPS PRODUCTION - 2021																								
		PLANTAIN		COCOVAM		YAM		MAIZE		MILLET		SORGHUM		RICE		BEANS		PEPPER		TOMATO		OKRO		GARDEN EGGS		
		REPORTED AREA (ha)	ESTIMATED PRODUCTION (Mt)	REPORTED AREA (ha)	ESTIMATED PRODUCTION (Mt)	REPORTED AREA (ha)	ESTIMATED PRODUCTION (Mt)	REPORTED AREA (ha)	ESTIMATED PRODUCTION (Mt)	REPORTED AREA (ha)	ESTIMATED PRODUCTION (Mt)	REPORTED AREA (ha)	ESTIMATED PRODUCTION (Mt)	REPORTED AREA (ha)	ESTIMATED PRODUCTION (Mt)	REPORTED AREA (ha)	ESTIMATED PRODUCTION (Mt)	REPORTED AREA (ha)	ESTIMATED PRODUCTION (Mt)	REPORTED AREA (ha)	ESTIMATED PRODUCTION (Mt)	REPORTED AREA (ha)	ESTIMATED PRODUCTION (Mt)	REPORTED AREA (ha)	ESTIMATED PRODUCTION (Mt)	
Western North	Bihari	1187.8	9145.9	206.7	414.5	89.9	963.2	251.7	427.9	0.0	0.0	0.0	0.0	0.0	0.0	67.4	94.4	8.0	17.1	82.6	165.2	11.0	11.0	0.0	0.0	
	Jirbeso	363.5	2799.0	253.5	509.5	22.5	241.0	160.1	272.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	Sekin Wiyoso	2514.6	19362.0	893.9	1766.8	0.0	0.0	695.2	1038.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	252.8	595.5	0.0	0.0	0.0	0.0	0.0	0.0
	Efati	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	TOTAL	4055.8	31306.9	1354.1	2720.8	112.4	1204.1	1026.9	1728.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	67.4	94.4	260.2	572.6	82.6	165.2	11.0	11.0	0.0	0.0
Western	Akumungwa	17.3	132.8	1.5	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	Takoda	387.9	2986.7	353.5	710.6	0.0	528.2	897.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	Tarawa	22.5	172.9	1.0	2.0	0.2	2.1	4.8	8.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	TOTAL	427.6	3292.4	356.0	715.6	0.2	531.0	906.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Central	Cape Coast	0.2	1.2	0.0	0.0	5.3	56.8	144.8	246.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Asin Fosu	19.3	148.4	13.1	26.3	7.9	84.6	64.7	110.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
Dunkwa	172.8	1330.6	5.7	11.5	0.0	0.0	217.1	369.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
TOTAL	870.3	6701.5	228.1	458.5	13.2	141.4	430.9	732.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Savannah	Bufo/Damongo	0.0	0.0	0.0	0.0	0.5	5.6	13.7	23.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	Beke	0.0	0.0	0.0	0.0	92.7	992.9	14.3	24.3	11.1	14.4	3.0	3.9	4.0	9.6	41.3	57.9	1.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	
	TOTAL	0.0	0.0	0.0	0.0	92.7	992.9	14.3	24.3	11.1	14.4	3.0	3.9	4.0	9.6	41.3	57.9	1.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	
	Northern	Yendi	0.0	0.0	0.0	0.0	10.0	107.1	33.9	57.5	13.3	17.3	17.5	22.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Tamale	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
TOTAL	0.0	0.0	0.0	0.0	10.0	107.1	33.9	57.5	13.3	17.3	17.5	22.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
North East	Molonle	0.0	0.0	0.0	0.0	0.0	0.0	54.0	91.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	Gumaga	0.0	0.0	0.0	0.0	0.0	0.0	232.6	395.4	111.1	144.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	TOTAL	0.0	0.0	0.0	0.0	0.0	0.0	286.6	487.2	111.1	144.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	Eastern	Dziedziedrom	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	Somanya	17.9	137.8	0.0	0.0	0.0	0.0	102.3	174.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
TOTAL	272.9	2101.4	87.4	175.6	0.0	287.6	489.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
Eastern	Begoro	169.6	1306.2	29.9	60.0	3.6	38.1	18.2	31.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	Mipraso	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	Kyibi	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	Kade	55.3	425.8	37.2	74.7	0.0	0.0	86.3	146.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	TOTAL	151.7	3971.2	154.4	310.3	3.6	381.1	494.5	840.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Ahafo	Mkwase	775.0	5967.3	186.3	374.4	307.3	3291.0	319.7	543.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	Bevra	563.9	4341.8	94.8	190.5	55.7	596.1	45.7	77.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	Mampang	4.4	34.1	1.9	3.8	5.9	63.0	7.0	11.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	Offinso	3.5	26.9	3.3	6.6	105.7	1131.8	638.2	1084.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	TOTAL	1353.5	11822.0	67.0	135.3	42.4	45.0	1615.0	43.3	73.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Bono East	New Ebahase	219.2	1688.1	17.0	34.1	0.0	0.0	30.0	50.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	Mankroso	275.6	2121.9	180.5	362.8	5.1	54.9	32.4	55.1	65.7	85.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	Krampoo	4.5	34.9	11.1	22.2	144.3	1545.0	193.8	329.5	23.7	30.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	Nkrezasa	0.0	0.0	0.0	0.0	0.0	64.5	7.9	13.4	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	TOTAL	4.5	34.9	11.1	22.2	150.3	1609.3	201.7	342.9	23.9	31.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Bono	Dormaa	0.0	0.0	0.0	0.0	0.9	9.9	383.0	651.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	Sunyani	0.0	0.3	4.5	9.0	55.3	592.5	220.4	374.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	TOTAL	0.0	0.3	4.5	9.0	56.2	602.4	603.4	1025.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	Bechem	603.6	4647.8	265.4	529.3	0.1	0.7	55.0	93.4	0.0																

MTS DISBURSEMENT - 2021

FOREST DISTRICT	LOCATION			BENEFICIARY				DISBURSEMENT					VAT INCLUSIVE (GHC)
	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/GET FUND		
Bechem	Bosomkese	77 & 78	Bomaa Traditional Council Modified Taungya Group	Dormaa Stool/Traditional Council	Bomaa-Apesika community	23,512.36	23,512.36	8,817.14	2,939.04	58,780.90	10,286.60	69,067.50	
Bechem	Bosomkese	77 & 78	Bomaa Traditional Council Modified Taungya Group	Dormaa Stool/Traditional Council	Bomaa-Apesika community	23,512.36	23,512.36	8,817.14	2,939.04	58,780.90	10,286.60	69,067.50	
sub-total						47,024.72	47,024.72	17,634.28	5,878.08	117,564.80	20,573.20	138,138.00	
Sunyani	Sawsaw	15	Kowoka Group	Wenchi Stool/Traditional Stool	Kowoka Community	9,301.32	9,301.32	3,487.99	1,162.67	23,253.30	4,214.66	27,467.96	
Sunyani	Sawsaw	41	Kramanwofie Taungya Group	Wenchi Stool/Traditional Stool	Kramanwofie community	9,812.00	9,812.00	3,679.50	1,226.50	24,530.00	4,446.06	28,976.63	
Sunyani	Nsemmere	14	Obotantim Tonja Association	Wenchi Stool/Traditional Stool	Nsunsua community	12,330.00	12,330.00	4,623.75	1,541.25	30,825.00	5,587.04	36,412.04	
Dormaa	Nsemmere	15	Obotantim Tonja Association Nsemmere Nfa Nni Agro Taungya Group	Wenchi Stool/Traditional Stool	Tromeso community	5706.00	5706.00	2139.75	713.25	14265.00	2,585.53	16,850.53	
Sunyani	Sawsaw	51	Gyaukrom Taungya	Wenchi Stool/Traditional Stool	Gyaukrom community	7,955.20	7,955.20	2,983.20	994.40	19,888.00	3,604.70	23,492.70	
Sunyani	Nsemmere	1	Buoku Taungya Farmers	Wenchi Stool/Traditional Stool	Buoku community	13,631.20	13,631.20	5,111.70	1,703.90	34,078.00	6,176.64	40,254.64	
Dormaa	Pamu-Berekum	31	Asunsu No. 1 Modified Taungya group	Dormaa Stool/Traditional Council	Asunsu No. 1 community	17,520.00	17,520.00	6,570.00	2,190.00	43,800.00	7,938.75	51,738.50	
Dormaa	Pamu-Berekum	28	Asunsu No. 2 Modified Taungya group	Dormaa Stool/Traditional Council	Asunsu No. 2 community	12,178.68	12,178.68	4,567.00	1,522.34	30,446.70	5,328.17	35,774.87	
Sunyani	Tain II	2	Forkuo Tounja Farmers Association 1	Dormaa Stool/Traditional Council	Forkuo Community	34,284.00	34,284.00	12,856.50	4,285.50	85,710.00	14,999.25	100,709.25	
Sunyani	Tain I	4	Chiraa Pehoyesu Taungya	Dormaa Stool/Traditional Council	Attakrom community	11,334.40	11,334.40	4,250.40	1,416.80	28,336.00	5,135.90	33,471.90	
Sunyani	Yaya	35	Ayigbe Taungya Farmers Association	Wenchi Stool/Traditional Council	Ayigbe community	7,163.20	7,163.20	2,686.20	895.40	17,908.00	3,245.83	21,153.88	
Sunyani	Yaya	38	Ayigbe Taungya Farmers Association	Wenchi Stool/Traditional Council	Ayigbe community	9,266.40	9,266.40	3,474.90	1,158.30	23,166.00	4,198.84	27,364.38	
Sunyani	Tain I	226	Future Farmers Association, Kankomaso	Berekum Traditional Council	Kankomaso Community	12,707.20	12,707.20	4,765.20	1,588.40	31,768.00	5,757.95	37,525.96	
sub-total						173,581.60	173,581.60	65,093.09	21,697.71	433,954.00	77,928.20	511,882.12	
Mampong	Pru- Shierbelt	182	Asumeng 1 & 2	Mampong	Asumen 1 & 2	4,171.00	4,171.00	1,564.42	521.47	10,429.50	1,825.16	12,254.66	

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/GET FUND	VAT INCLUSIVE (GHC)
Mampong	Pru- Shelterbelt	14, 15 & 16	Ehiyiem Kusase, Kantankani & Dagomba Line Modified Taungya Group	Nkoranza	-	44,567.76	44,567.76	16,712.91	5,570.97	111,419.40	19,498.40	130,917.80
Mampong	Pru- Shelterbelt	18	Bredi & Damongo line Modified Taungya Group	Nkoranza	-	33,650.58	33,650.58	12,618.96	4,206.32	84,126.45	14,722.13	98,848.58
Mampong	Pru- Shelterbelt	19	Bredi Modified Taungya	Nkoranza	Bredi Community	390.36	390.36	146.39	48.80	975.90	170.78	1,146.68
Kumawu	Boumfum	19	Meyebi Ahwe Association	Kumawu	Besoru community	14,476.00	14,476.00	5,428.50	1,809.50	36,190.00	6,559.44	42,749.43
Offinso	Asufu West	14	Kyebi Taungya Farmers Anwhere Community Taungya Group	Offinso Stool/Traditional Council	Kyebi community Anwherekrom community	53,460.00	53,460.00	20,047.50	6,682.50	133,650.00	24,224.06	157,874.06
Offinso	Afram Headwaters	132	Nkwankwaa Taungya Group	Offinso Stool/Traditional Council	Nkwankwaa community	14,640.00	14,640.00	5,490.00	1,830.00	36,600.00	6,633.75	43,234.01
Offinso	Afram Headwaters	62	Emma Wani Enha Farmers Association	Offinso Stool/Traditional Council	Boakyekrom Community	16,931.20	16,931.20	6,349.20	2,116.40	42,328.00	7,671.92	49,999.92
Offinso	Afram Headwaters	125	Akrofoa Taungya Group	Offinso Stool/Traditional Council	Akrofoa community	14,850.00	14,850.00	5,467.50	1,822.50	36,450.00	6,606.56	43,056.56
Offinso	Afram Headwaters	38	Agogo Atta Baanyee Nand Lanbourre Farmers Association Banyenee Lanboore Group	Offinso Stool/Traditional Council	Kyeyewere community	3,708.00	3,708.00	3,870.00	463.50	9,270.00	1,680.19	10,950.19
Offinso	Afram Headwaters	39	Banyenee Lanboore Group	Offinso Stool/Traditional Council	Kyeyewere community Kwapanin Community	9,006.00	9,006.00	3,377.25	1,125.75	22,515.00	4,080.84	26,595.84
Offinso	Afram Headwaters	53	Daban Taungya Farmers Yamoahkrom Taungya Group	Anyinasu Stool/Ejisu Traditional Council	Daban community Yamoahkrom community	4,699.20	4,699.20	1,762.20	587.40	11,748.00	2,129.33	13,877.33
Offinso	Mankrang River	40 & 48	Mmeredane, P. Y Fosu, Jean J. Taungya Group	Offinso Stool/Traditional Council	Mmeredane community	137,693.60	137,693.60	51,635.10	17,211.70	344,234.00	62,392.41	406,626.41
Juaso	Mirasa Hills	9	Ningo and Tokwai Odumase	Kokofu Stool/Traditional Council Tokwai Stool	Ningo & Tokwai Community	80,965.28	80,965.28	8,349.54	6,831.45	202,413.20	36,687.39	239,100.59
Offinso	Gianima	2	Gye Anoma Forest Farmers Association of Prabon Community	Anyinasu Stool/Ejisu Traditional Council	Prabon Community	33,438.00	33,438.00	19,091.25	4,179.75	83,595.00	14,629.13	98,224.13
Offinso		3	Nyame Na Aye Farmers Association of Nobesu Community	Anyinasu Stool/Ejisu Traditional Council	Nobesu community	17,472.00	17,472.00		2,184.00	43,680.00	7,644.00	51,324.00
Offinso	Opro	92 & 95	Sabronum Taungya/Daniel and Bawa Group	Offinso Stool/Traditional Council	Sabronum Community	20,674.72	20,674.72	7,753.02	2,584.34	51,686.80	9,368.23	61,056.00
Offinso	Mankrang River	45	Asuakwaa community Taungya Farmers	Offinso Stool/Traditional Council	Asuakwaa community	11,450.40	11,450.40	4,293.90	1,431.30	28,626.00	5,188.46	33,814.46
Offinso		45	Peace Taungya Group of Mfante community	Offinso Stool/Traditional Council	Mfante community	14,144.40	14,144.40	5,304.15	1,768.05	35,361.00	6,409.18	41,770.18
Juaso	South Formangsu	1C	Kajo Formangu MTS Group	Wankyi Stool/Traditional Council	Kajo Formangsu community	13,380.00	13,380.00	5,019.75	1,673.25	33,465.00	6,065.53	39,530.54

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/GET FUND	VAT INCLUSIVE (GHC)
Offinso	Afram Headwaters	47	Edensi Farmers Association	Anyinasu Stool/Ejisu Traditional Council	Kyekyewere community	38,042.40	38,042.40	14,265.90	4,755.30	95,106.00	17,237.96	112,343.96
Offinso	Afram Headwaters	115	Bobra Taungya Farmers Association	Offinso Stool/Traditional Council	Bobra community	12,971.20	12,971.20	4,864.20	1,621.40	32,428.00	5,877.58	38,306.00
Offinso	Asufu East	1	Asufu East Teak Growers Association	Offinso Stool/Traditional Council	Kyekyewere community	29,543.36	29,543.36	11,078.76	3,692.92	73,858.40	13,386.84	87,245.23
			Nobesu/Asore Nkwanta Tonger Association			50,914.60	50,914.60	19,092.98	6,364.33	127,286.50	36,457.51	237,602.41
Offinso	Gianima	1	Amponsakrom Community Farmers Association	Anyinasu Stool/Ejisu Traditional Council	Amponsakrom Community	10,707.48	10,707.48	4,015.30	1,338.44	26,768.70	4,684.52	31,453.22
			Alikrom Teak Growers Association			19,714.08	19,714.08	7,392.78	2,464.26	49,285.20	8,624.91	57,910.11
			Nyame Na Aye Farmers Association of Nobesu community			14,123.10	14,123.10	5,296.16	1,765.39	35,307.75	6,178.86	41,486.61
Offinso	Afram Headwaters	68	Gye Anoma Forest Farmers Association of Prabon Community	Prabon Community	2,421.24	2,421.24	907.96	302.66	6,053.10	1,059.29	7,112.39	
Offinso	Afram Headwaters	68	Bemi Farmers Association	Anyinasu Stool/Ejisu Traditional Council	Bemi Community	12,240.80	12,240.80	4,590.30	1,530.10	30,602.00		30,602.00
Juaso	South Formangsu	6	Breku, Mamfe and Akropong	Asuboa Stool/Traditional Council	Breku, Mamfe and Akropong community	71,454.00	71,454.00	26,795.25	8,931.75	178,635.00	32,377.59	211,012.61
Offinso	Afram Headwaters	48	Sabronum Taungya/Daniel and Bawa Group	Anyinasu Stool/Ejisu Traditional Council	Bemi Community	22,149.60	22,149.60	8,306.10	2,768.70	55,374.00	10,036.54	65,410.54
Offinso	Mankrang River	37	Chiraa Taungya Farmers	Offinso Stool/Traditional Council	Chiraa Community	37,872.00	37,872.00	14,202.00	4,734.00	94,680.00	17,160.75	111,840.75
Offinso	Afram Headwaters	73	Bemi Farmers Association	Anyinasu Stool/Ejisu Traditional Council	Bemi Community	13,824.00	13,824.00	5,184.00	1,728.00	34,560.00	6,264.00	40,824.00
Juaso	Dome River	10 & 11	Dwease Taungya Farmers Association	Dwease Stool/Kumasi Traditional Council	Dwease Community	43,350.00	43,350.00	16,256.25	5,418.75	108,375.00	18,965.63	127,340.00
Juaso	South Formangsu	5	Breku, Mamfe and Akropong	Asuboa Stool/Traditional Council	Breku, Mamfe and Akropong community	40,266.00	40,266.00	15,099.75	5,033.25	100,665.00	18,245.00	118,904.63
Offinso	Afram Headwaters	40	Banyenee Lanboore Group	Offinso Stool/Traditional Council	Kyekyewere community	54,114.00	54,114.00	20,292.75	6,764.25	135,285.00	24,520.41	159,805.41
sub-total						1,158,922.36	1,158,922.36	420,834.57	148,374.75	2,908,397.90	531,486.69	3,513,739.65
TOTAL						1,379,528.68	1,379,528.68	503,561.94	175,950.54	3,459,913.70	629,988.09	4,163,756.77
YEAR	REGION					FC SHARE (40%)	MTS SHARE (40%)	LAND OWNER SHARE (15%)	LOCAL COMMUNITY SHARE (5%)	VAT EXCLUSIVE (GHC)	VAT/NHIL/GET FUND	VAT INCLUSIVE (GHC)
2021	Ahafo					47,024.72	47,024.72	17,634.28	5,878.08	117,561.80	20,573.20	138,135.00
	Bono					173,581.60	173,581.60	65,093.09	21,697.71	433,954.00	77,928.20	511,882.12
	Ashanti					1,158,922.36	1,158,922.36	420,834.57	148,374.75	2,908,397.90	531,486.69	3,513,739.65
	Total					1,379,528.68	1,379,528.68	503,561.94	175,950.54	3,459,913.70	629,988.09	4,163,756.77