## TH-9799 SIAM FORESTRY CO., LTD **SURVEILLANCE AUDIT**

22 - 28 MAY 2023





# THE SIAM FORESTRY CO.,LTD

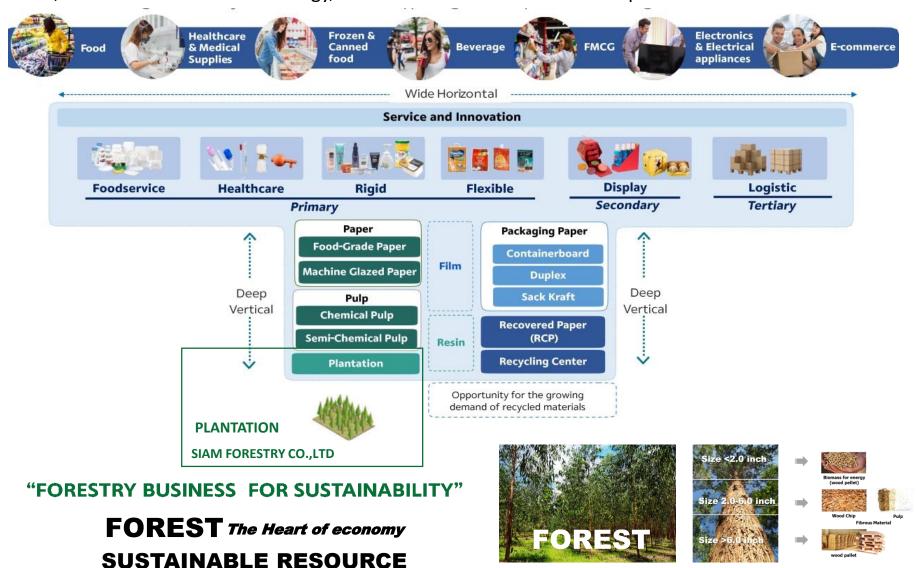
Forest Management of Eucalyptus plantation in Thailand for the production of Eucalyptus hardwood timber. The SGS Forest Management Standard (AD33) for Thailand, Version 07 of 2019 (24 July 2023 – 23 July 2028)



## FORESTRY BUSINESS FOR SUSTAINABILITY



- **SIAM FORESTRY Co.,Ltd** has implemented "**SUSTAINABLE VALUE CHAIN**" by Customers Experience Creation, the Innovation and Technology, as well as the Product Stewardship.



## FORESTRY BUSINESS FOR SUSTAINABILITY



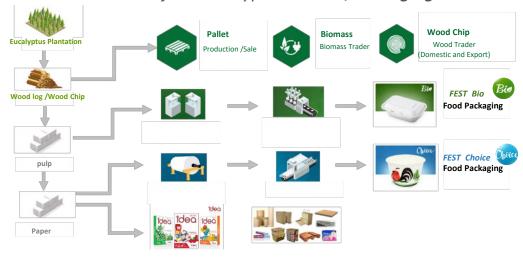
**SIAM FORESTRY Co.,Ltd** has implemented "**SUSTAINABLE VALUE CHAIN**" by Customers Experience Creation, the Innovation and Technology, as well as the Product Stewardship.

## "SUSTAINABLE VALUE CHAIN of FORESTRY BUSINESS"

Scope and location

2.5 Million GT Wood to SCG pulp mill Northeast : 1.4 MGT West: 1.1 MGT 0.7 Million GT Wood for export lapan & China 24.000 ha. Plantation promotion area (Y2021) 12.000 ha. Secure plantation area (Y2021) Large-scale area Northeast: 30 CCs West: 28 CCs Small-scale area SFT Collect wood center 3 Chipping plant SCGP KPP/CHP/PHY SFT Wood chip mill alliance 2 Pulp mill SCGP

Products from Eucalyptus in SCGP, Packaging Business



Products from Eucalyptus in Siam Forestry Co.,Ltd.

#### "PRODUCT, SERVICE and SOLUTION"















Wood Chip Biomass

#### Land Solution:

- SCGP Investment (Land Rental 10-15 yrs.)
- Joint Venture
- Consulting





- Reducing utilization from Forest.
- Reducing deforestation.
- Increasing O<sub>2</sub>.









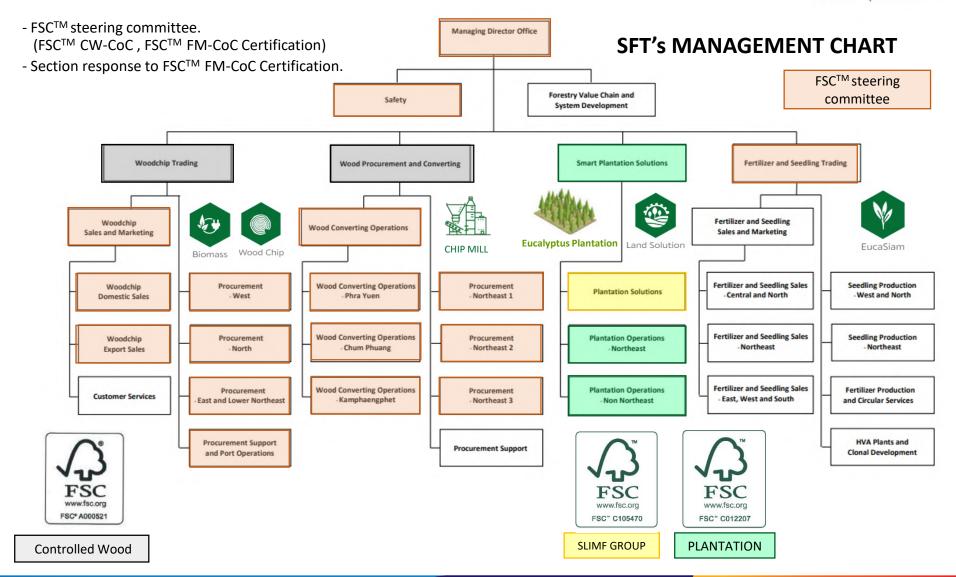
**SLIMF GROUP** 

**PLANTATION** 



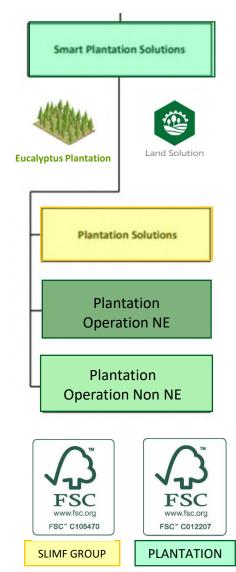
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เอกสารแนบท้ายประกาศที่ 17/2564 วันที่มีผล 1 ตุลาคม 2564



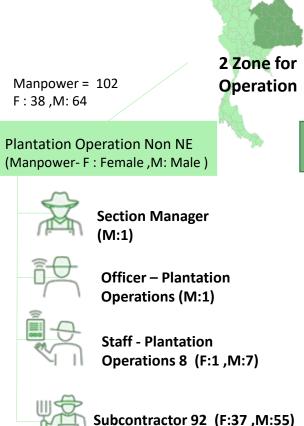


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## FSCTM's MANAGEMENT CHART

- Section response to FSC<sup>TM</sup> FM-CoC Certification.



Manpower = 102 F : 4 ,M: 26

Plantation Operation NE (Manpower- F: Female, M: Male)



Section Manager (M:1)



Officer – Plantation Operations (M:2)



Staff - Plantation
Operations 8 (F:2 ,M:6)



Subcontractor 17 (F:2, M:15)

\*\*\* The subcontractor is people around the plantation.



#### SUSTAINABLE PLANTATION MANAGEMENT POLICY

Siam Forestry Company Limited, a subsidiary of SCG Packaging Public Company Limited (SCGP), is determined to operate a forest plantation business. To achieve the world's sustainable Development Goals (SDGs) by Plantation Solution to create satisfaction for customers and stakeholders with awareness of the importance of community / society, environment, occupational health and safety Therefore, a sustainable plantation management policy has been established. According to the principles and standards of FSC<sup>TM</sup> (Forest Stewardship Council) as follows

#### "Plantation planting, develops the community, and decrease the pollution"

For achieves success operating sustainable plantation then set the ways as follow

- Decent work and economic growth will require employment in the areas surrounding the
  plantation plots. Gender equality and employees, contractors and related parties Carry out
  activities of the plantation Must perform all activities in accordance with the principle and
  requirements according to FSC™ standards and must have good health and well-being.
- The land setting for plantation, follow administration plantation system will have permanently must applying real estate right, correctly follow mark.
- 3. Proceeding activity of plantation system at emphasize to gain 3 sustainable benefits are including
  - 3.1 Economic, there is planning, manage, and control the constructing of plantation that give sustainable yield products, cutting and throw the wood, take care plantation after cutting straight to traditionally technical which be appropriate area, community, and environment.
  - 3.2 Social, there is an officer development/contractor, and related persons to have knowledge and ability in work practice, occupational health and safety including give a chance to local community participate in the activity of plantation by think over the right of the participant is proportional (gain and loss), study and effect to community, resolve appropriately and fair in disagreement with community.
  - 3.3 Environment There are plans, actions, controls and measures for surveillance and prevention. environmental and the utilization of life on Land to maintain ecological balance, and biodiversity of the plantation.
- Internal audit for sustainable plantation administration system, at least 1 time per a year by
  internal auditor for do a presentation report to sustainable plantation system's committee of
  company.

( Mr.Mahasan Thieravarut ) Managing Director 10 January 2023 The Siam Forestry Co., Ltd., a subsidiary of SCGP, is determined to operate a forest plantation business. To achieve the SDGs by

# "PLANTATION PLANTING, DEVELOPS THE COMMUNITY, AND DECREASE THE POLLUTION"

for achieves success operating sustainable plantation then set the ways as follow;

- 1.Decent work and economic growth.
- 2. The land setting for plantation.
- 3. Proceeding activity of plantation.

(Economic, Social and Environment)

4.Internal audit for sustainable plantation administration system.



SLIMF GROUP

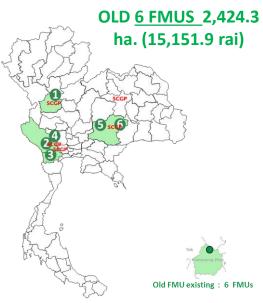


PLANTATION



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# TOTAL FOREST MANAGEMENT UNITS OF FSC<sup>TM</sup> - FM.

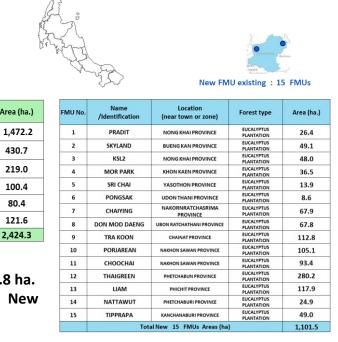


12.00	MA MAN	Old FMU exis				
FMU	Name	Location	Forest type	Area (ha.)		
No.	/Identification	(near town or zone)	rolest type	Alea (lia.)		
1	KAMPHAENG PHET*	KAMPHAENG PHET PROVINCE	EUCALYPTUS PLANTATION	1,472.2		
2	SOMCHAI K.	KANCHANABURI PROVINCE	EUCALYPTUS PLANTATION	430.7		
3	PAK THO*	RATCHABURI PROVINCE	EUCALYPTUS PLANTATION	219.0		
4	BAAN NGEUN	KANCHANABURI PROVINCE	EUCALYPTUS PLANTATION	100.4		
5	APOT	NAKORNRATCHASRIMA PROVINCE	EUCALYPTUS PLANTATION	80.4		
6	CPAC - CHUMPUANG	NAKORNRATCHASRIMA PROVINCE	EUCALYPTUS PLANTATION	121.6		

- \* FMU: PAKTHO and KAMPHAENG PHET add conversation areas
- In 2023, Total **21 FMUs Areas 3,525.8 ha.**

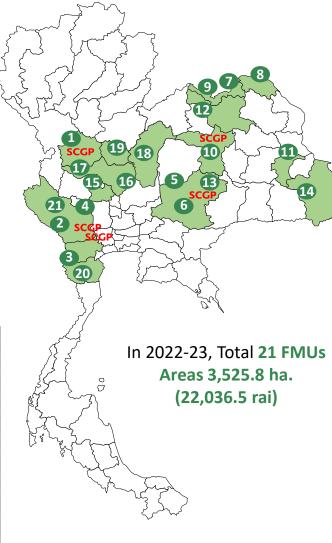
Total Old 6 FMUs Areas (ha)

- Old 6 FMUs existing 2,424.3 ha and New FMU entry 15 1,101.5 ha.



**NEW FMU ENTRY 15 FMUS.** 

1,101.5 ha (6,884.6 rai)

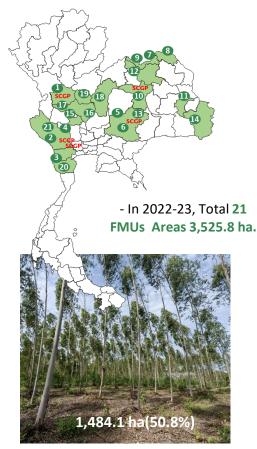


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## 21 FMUs' location, plantation type, and land tenure.

No.	FMUs	Location (Province or zone)	Zone	FMUs new	Plantation type	Rotation	Land tenure	Total (ha)
1	60NKamphaengphet	Kamphengphet	North	Old	Eucalyptys	Coppice 3 <sup>rd</sup>	Asset	1,472.2
2	59WSomchai K	Kanchanaburi	West	Old	Eucalyptys	1st Rotation	Lease	430.7
3	59WPaktho	Ratchaburi	West	Old	Eucalyptys	Coppice 3 <sup>rd</sup>	Asset	219.0
4	62WBaan Ngeun	Kanchanaburi	West	Old	Eucalyptys	Coppice 3 <sup>rd</sup>	Lease	100.4
5	61NEAPOT	Nakornratchasrima	NE	Old	Eucalyptys	Coppice 2 <sup>nd</sup>	Lease	80.5
6	59NECPAC-Chumpuang	Nakornratchasrima	NE	Old	Eucalyptys	Coppice 2 <sup>nd</sup>	Lease	121.6
7	62NEPradit	Nongkhai	NE	New	Eucalyptys	1 <sup>st</sup> Rotation	Lease	26.4
8	62NESkyland	Buengkan	NE	New	Eucalyptys	1 <sup>st</sup> Rotation	Lease	49.1
9	62NEKSL2	Nongkhai	NE	New	Eucalyptys	1 <sup>st</sup> Rotation	Lease	48.0
10	62NEMorpark	Khonkaen	NE	New	Eucalyptys	1 <sup>st</sup> Rotation	Lease	36.5
11	62NESrichai	Yasothon	NE	New	Eucalyptys	1 <sup>st</sup> Rotation	Lease	13.9
12	61NEPongsak	Sribunreung	NE	New	Eucalyptys	1 <sup>st</sup> Rotation	Lease	8.6
13	63NEChaiying	Nakornratchasrima	NE	New	Eucalyptys	1 <sup>st</sup> Rotation	Lease	67.9
14	62NEDon mod daeng	Ubonratchathani	NE	New	Eucalyptys	1 <sup>st</sup> Rotation	Lease	67.8
15	63NTra koon	Chainat	North	New	Eucalyptys	1 <sup>st</sup> Rotation	Lease	112.8
16	61NPorjareanpon	Nakornsawon	North	New	Eucalyptys	1 <sup>st</sup> Rotation	Lease	105.1
17	61NChoochai	Chainat	North	New	Eucalyptys	1 <sup>st</sup> Rotation	Lease	93.4
18	61NThaigreen	Phetchabun	North	New	Eucalyptys	1 <sup>st</sup> Rotation	Lease	280.2
19	62NLiam	Phichit	North	New	Eucalyptys	1 <sup>st</sup> Rotation	Lease	117.9
20	61NNattawut	Phetchaburi	West	New	Eucalyptys	1 <sup>st</sup> Rotation	Lease	24.9
21	61NTimpapa	Kanchanaburi	West	New	Eucalyptys	1 <sup>st</sup> Rotation	Lease	49.0

- Zone West and North areas is 3,005.5 ha (85.2%)
- Zone NE areas is 520.3 ha (14.8%)



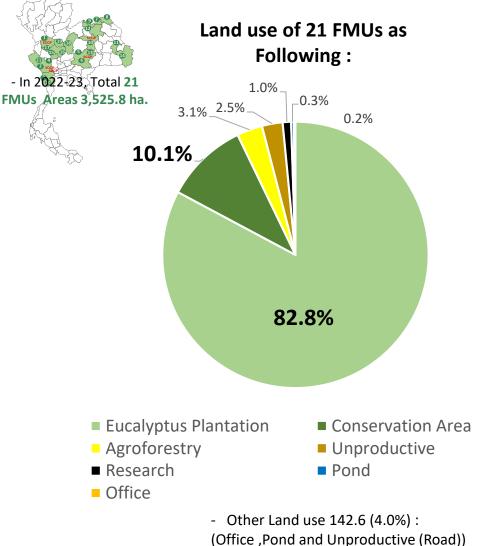
Coppice 3<sup>rd</sup>: Kamphengphet.



1<sup>st</sup> Rotation: Porjareanpon.



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Eucalyptus Plantation 2,919.4 ha (18,246.3 rai)



Conservation Areas 354.4 ha. (2,214.9 rai)

Secondary Mixed Deciduous Forest A-D

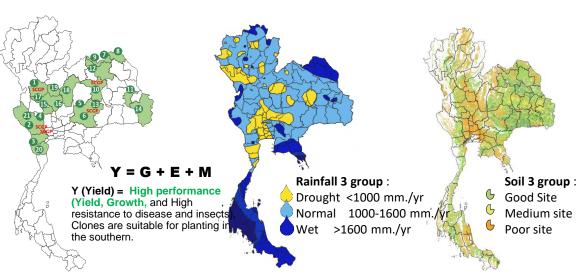


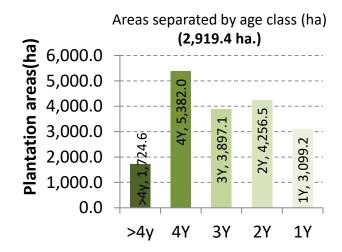
Agriculture 109.4 ha (683.6 rai) (plants rice for donate)

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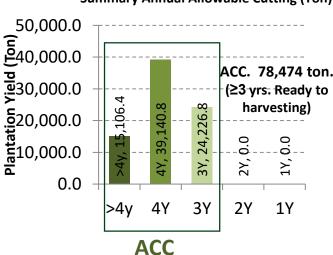
# PLANTATION TRANSPORTATION CHIP MILL

## Eucalyptus Plantation in 2022-23 (82.8%total FMUs):





### **Summary Annual Allowable Cutting (Ton)**



\* New coming

## Eucalyptus Hybrids and Clone Existing in plantation (12 clone)

Hybrids	Growth	Pulp yield	Density	Plantation disease	Nursery disease	Gall insect	Site	Clone Code
CxC	XX	xx	XXX	XX	xxx	xx	Drought to normal	P6
CxU	XXX	xx	XXX	х	х	XX	Drought to normal	H4
CxP	XXX	xxx	XX	XX	xxx	XX	Normal to wet	H26,H36,H38,H46
(CxU)xU	xxx	xx	XX	xx	xx	XX	Normal to wet	H44
(CxG)x(CxP)	xx	xx	XX	xx	x	XXX	Normal to wet	H32,H42
(PxC)xC	XXX	xx	XX	xx	xx	XXX	Drought to normal	613R1,525R1*
PxU	xxx	xxx	XX	xx	xx	xxx	Wet	617R2*

C: E. camaldulensis, U: E. urophylla, E. pellita and G: E. grandis

X: Low ,XX: moderate and XXX: Highly

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**PLANTATION** 





TRANSPORTATION CHIP MILL

## **FSC<sup>TM</sup> Management Plan for 21 FMUs**

		จุดควบเ	จุดควบคุม			การดำเนินการ												
ประเภทกิจกรรม	กิจกรรม*		нізв	รอบตัดฟันที่ 1					รอบตัดฟันที่ 2					รอบคัดฟันที่ 3				
		รายการ		ปีที่ 1	ปีที่ 2	ปีที่ 3 ปีที่ 4		ปีที่ 5	ปีที่ 1	ปีที่ 2	ปีที่ 3	ปีที่ 4	ปีที่ 5	ปีที่ 1	ปีที่ 2	ปีที่ 3	ปีที่ 4	ปีที่ ร
				2564	2565	2566	2567	2568	2569	2570	2571	2572	2573	2574	2575	2576	2577	2578
ด้านเศรษฐกิจ	1.ดัดไม้	น้ำหนัก	ตัน	16,161	21,753	42,661	80,588	159,418	127,058	124,568	161,650	180,000	180,000	261,773	261,773	261,773	261,773	261,7
	Plantation Yield at 5 yrs (Ton) harvest in 2021-26 (planting 2015-21)	น้ำหนัก	ตัน/ไร่/ปี	8.8	9.0	13.1	15.4	18.0	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6
	2.พื้นที่ทั้งหมด	เนื้อที่	li	12,333	15,152	22,036	29,376	46,374	55,041	64,449	71,087	78,703	86,318	93,934	101,550	109,166	116,782	124,39
	3.ชยายพื้นที่เพิ่ม**	เนื้อที่	ไร่	0	1,890	6,885	7,339	16,999	8,667	9,408	6,638	7,616	7,616	7,616	7,616	7,616	7,616	7,616
	4.ดูแล บำรุง รักษา***	เนื้อที่	ไร่	11,463	13,355	19,423	25,892	40,874	48,513	56,805	62,656	69,368	76,081	82,793	89,506	96,218	102,931	109,60
(Economic)	<ol> <li>ที่มความหลากหลายสายพันธุ์และเพิ่มผลผลิตต่อพื้นที่ *</li> </ol>	สายพันธุ์/พื้นที่	สายพันธุ์	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	6.Net cash flow (หลังตัดไม้)	รายงาน	ฉบับ	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
ด้านสังคม / ชุมชน	1.สำรวจข้อมูลชุมชนรอบสวนไม้ ผู้มีส่วนได้ส่วนเสีย	รายงาน	ฉบับ		1		1		1		1		1		1		1	
	2.มีส่วนร่วมกับกิจกรรมชุมชน /สนับสนุนกิจกรรม	รายงาน	ฉบับ	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	3.ประเมินผลกระทบด้านสังคม (รอบ 4 ปี)	รายงาน	ฉบับ		1				1				1				1	
( Social / Community )	4.การแก้ไข-ป้องกันผลกระทบ /ข้อเสนอแนะ ข้อร้องเรียน	รายงาน	ฉบับ	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	5.การสร้างงาน และสร้างรายได้ รอบสวนไม้	รายงาน	ฉบับ	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	1.สำรวจข้อมูล,การใช้ประโยชน์พื้นที่อนุรักษ์ /สวนไม้	รายงาน	ฉบับ	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
ด้านสิ่งแวดล้อม	2.ประเมินผลกระทบสิ่งแวดล้อม (หลังทำไม้)	รายงาน	ฉบับ	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	3.สนับสนุนกิจกรรมสิ่งแวดล้อมรอบสวนไม้	รายงาน	ฉบับ	1		1		1		1		1		1		1		1
	4.กิจกรรมในพื้นที่อนุรักษ์ (Annual plan)	รายงาน	ฉบับ	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
(Environment)	5.การติดตามตรวจสอบคุณภาพดินและน้ำ ****	รายงาน	ฉบับ	1		1		1		1		1		1		1		1
	6.ความหลากหลายทางชีวภาพ	รายงาน	ฉบับ		1		1		1		1		1		1		1	
	7.ส่งเสริมและสนับสนุน เครือข่ายการฟื้นฟูระบบนิเวศ	รายงาน	ฉบับ		1	1	1	1	1	1	1	1	1	1	1	1	1	1
ร้านบริหารโครงการ/อื่นๆ	1.การตรวจติดตามภายในระบบ $FSC^{TM}$	รายงาน	ฉบับ	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	2.การทบทวนฝ่ายบริหาร	รายงาน	ฉบับ	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	3.การปรับปรุงระบบ-เพิ่มผลผลิต	รายงาน	ฉบับ	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
(others)	4.การฝึกอบรม	รายงาน	ฉบับ	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

<sup>\*</sup> แผนสามารถ ปรับตามสถารณ์ที่เปลี่ยนแปลง เช่น การระบาดของโรค สภาพอากาศที่เปลี่ยนแปลง หรือ สภาพเศรษฐกิจ เป็นต้น



<sup>\*\*\*</sup> แผนการดูแล ขึ้นกับพื้นที่การใช้ประโยชน์ และพื้นที่ปลูกเมื่อ 5 ปี ก่อนหน้า ในการ (ตามพื้นที่เข่าได้)

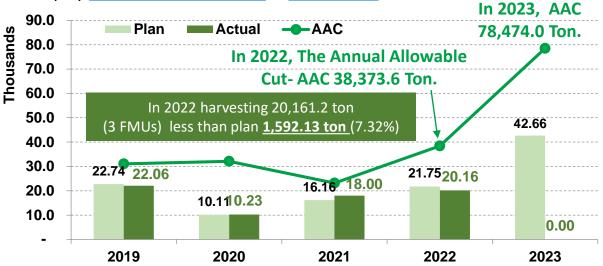
<sup>\*\*</sup> แผนการเพิ่มขึ้น ขึ้นกับพื้นที่ปลกเมื่อ 5 ปี ก่อนหน้า ในการ (ตามพื้นที่เช่าได้)

<sup>\*\*\*</sup> แผนการเก็บตัวอย่างต้องพิจารณาตามพื้นที่ที่มีความเสี่ยง

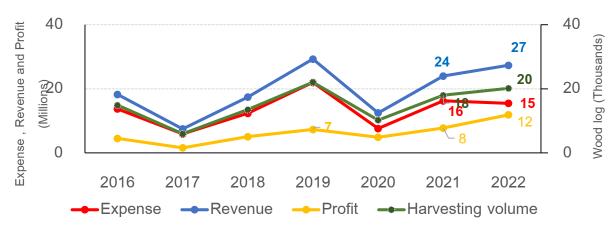
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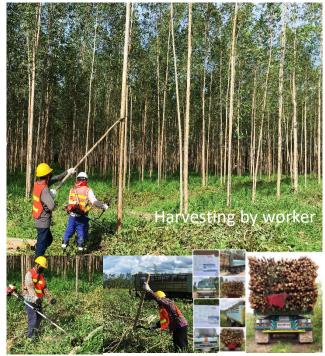
- Updated progress activity for **Economy 2022 -2023.** 





Display Wood log harvesting and financial 2019-2021







#### In 2022:

- Harvesting volume 20,161 (Ton)
- Revenue 27.34 Mb and Expense 15.47 Mb.
- Profit 11.86 Mb.



QA Log size index



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- Application of the suitable silvicultural system in plantation management

PI ANTATION





RANSPORTATION

CHIP MILL

 Updated progress activity for Economy 2022 -2023

### **Economy:**

Economic, there is planning, manage, and control the constructing of plantation that give sustainable yield products, cutting and throw the wood, take care plantation after cutting straight to traditionally technical which be appropriate area, community, and environment.

- Application of the suitable silvicultural system in plantation management for each area (Clone and Site).
- Intensives plantation management and technology application for the efficiency.



Planting in the dry season and Increase survival rate

















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- Updated progress activity for Environment and Social 2022 -2023



**Society:** Community investment and donation.





















- Support traditional and donation for stockholder around the plantation.

#### Society:

Conducts business with ethic and concern for social responsibility. Participates in Improving the quality of life where SCGP operates.

- **Community investment and** donation.
- Labor practices and human rights.
- Human resources and human capital development.
- Health and safety.
- Stakeholder engagement.



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Updated progress activity for
 Environment and Social 2022 -2023

## **Stakeholder engagement. Society:**





















Social impact evaluations and consultation
 by Interview with locals around the plantation.

#### **Society:**

Conducts business with ethic and concern for social responsibility. Participates in Improving the quality of life where SCGP operates.

- Community investment and donation.Labor practices and human rights.
- Human resources and human capital development.
- Health and safety.
- · Stakeholder engagement.



Forest Management of Eucalyptus plantation in Thailand for the production of Eucalyptus hardwood timber. The SGS Forest Management Standard (AD33) for Thailand ,Version 07 of 2019 (24 July 2023 – 23 July 2028)



Updated progress activity for
 Environment and Social 2022 -2023



Human resources and human capital development.













Support and provide training competency for subcontractors.

#### Society:

Conducts business with ethic and concern for social responsibility. Participates in Improving the quality of life where SCGP operates.

- Community investment and donation.
- Labor practices and human rights.
- Human resources and human capital development.
- 3 \_\_\_\_ealth and safety.
- Stakeholder engagement.



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## **Society:** Health and safety.



 Support and provide training for Workers about Health and Safety and support annual physical examinations and build safety awareness.



nnual physical examination





Society:

Conducts business with ethic and concern for social responsibility. Participates in Improving the quality of life where SCGP operates.

- Community investment and donation.
- Labor practices and human rights.
- Human resources and human capital development.
- Health and safety.
  - Stakeholder engagement.

Appreciate and build a safety culture



- Reduce unsafe Action and Daily communication.









ด้านในครั

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#### **Environment:**

Commits to conservation of environment and natural resources ,using resource wisely and maintaining ecological balance.

- Energy and Climate change.
- Water management.
- Waste management.
- Biodiversity and ecosystem.
- Environmentally friendly products and services.
- Logistics management.
- Life on land (Protect , restore and promote use of terrestrial ecosystems, sustainably manage forests.







แปลงแปลงศุภลักษณ์ อ.ปากท่อ จ. ราชบุรี (FMUs :Pak t แปลงสวนผึ้ง อ.สวนผึ้ง จ. ราชบุรี (FMUs :Pak tho)

แปลง KSL อ.โพนพิสัย จ.หนองคาย (Skylan

แปลงชัยยิ่ง อ.บัวลาย จ.นครราชสีมา (Chaiying63)







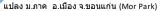
แปลงเอสเทค อ.ต่านมะขามเดีย จ.กาญจนบุรี (FMUs : Somo

แปลง CPAC อ.ชุมพวง จ.นครราชสีมา (FMUs : CPAC)



แปลงดอนมดแดง อ.ดอนมดแดง จ.อบลราชธานี







ลง APOT อ.ด่านขุนทด จ.นครราชสีมา (FMUs : APOT)



**Environment:** 

Life on land (Protect , restore and promote

use of terrestrial ecosystems, sustainably

แผนที่ ตำแหน่งแปลง ทั้ง 3 โชน (ตะวันออกเฉียงเหนือ .ตะวันตก และ เหนือ)

manage forests.

า.พรานกระต่าย จ.กำแพงเพชร (FMUS-Kamphaeng Ph

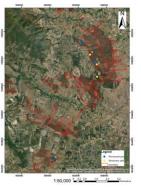
**Environment:** 

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Life on land (Protect, restore and promote use of terrestrial ecosystems, sustainably manage forests.

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Permanent plot (20x50 m.)

Conservation areas in KPP plantation 149 ha.



Permanent plot (20x50 m.)

Conservation areas in Somchai K plantation 17.5 ha.

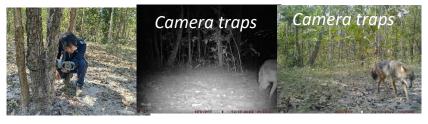
- Increase the diversity and density of species in conservation areas and manage food and animal nests.







2. Insect Biodiversity:



Collect seed and produce for planting in conservation areas.









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#### **Environment:**

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- Environmentally friendly products and services.
- Logistics management.
- Life on land (Protect, restore and promote use of terrestrial ecosystems, sustainably manage forests.



- OJT Hazardous waste identified, separated.







**Environment:** 

- Hazardous waste identified, separated and appropriately disposed for operate in plantation by provide Station Temporary.

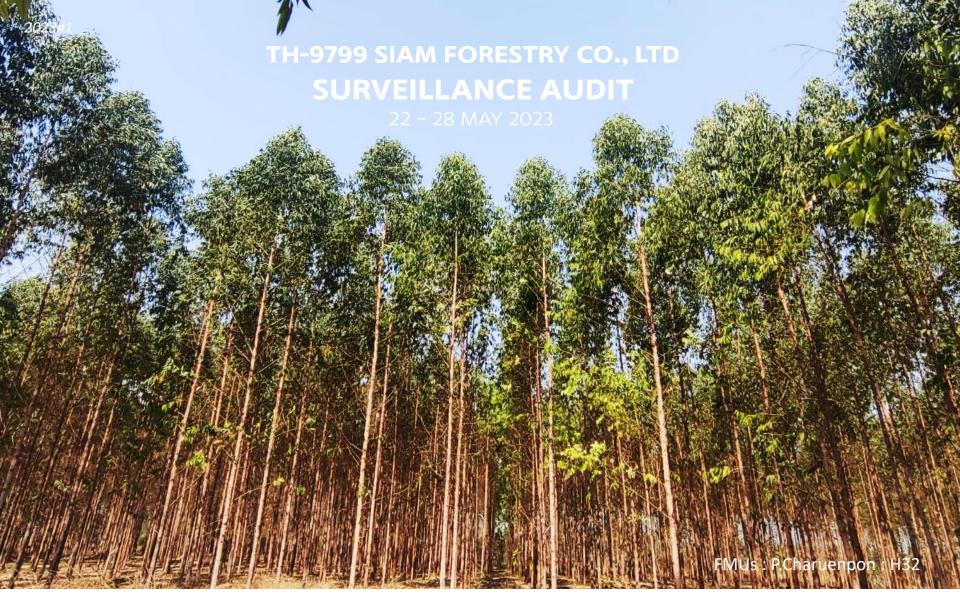








-Collected soil and water sample sent to lab.





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