

SET AWARDS

2024

Sustainability Excellence

THAI EASTERN GROUP HOLDINGS PCL

2 September 2024



Top Management Introduction





นายเฉลิม โกกนุทาภรณ์ ประธานเจ้าหน้าที่บริหาร



นางสาวสินีนุช โกกนุทาภรณ์ กรรมการผู้จัดการ



นายวงศ์กฤษณ์ เจียมศรีพงษ์ ประธานเจ้าหน้าทีบริหาร ฝ่ายกลยุทธ์องค์กร



ดร.กมลหิพย์ โกมลยุทธแพทย์ ประธานเจ้าหน้าทีบริหาร ฝ่ายการเงินและการบัญชี



นางศิริวรรณ โกกนุทาภรณ์ ผู้อำนวยการ ฝ่ายทรัพยากรบุคคล

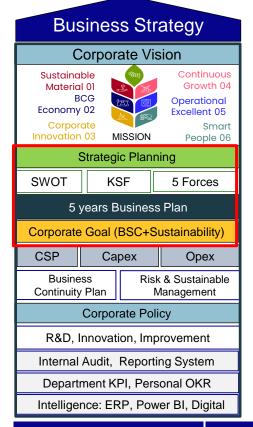


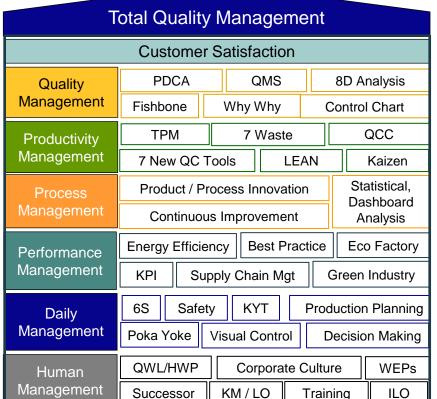
Sustainability Strategy



TEGH Strategic Management Framework









Teamwork

Professional

Innovation

Achievement

. . . 196 . .

Morality

Strictly Private & Confidential

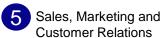
Our Value Chain

- Raw Material Sourcing and Handling
 - **Farmers**
 - Dealers
 - Logistics
 - Community
 - Government (RAOT)
 - Staff

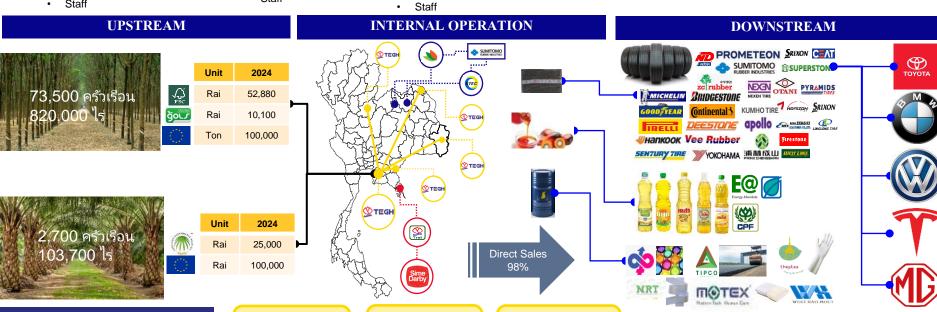
- Other Material Procurement
 - Suppliers
 - Logistics
 - Community
 - Government
 - Staff

- Operation and Production
 - Suppliers
 - Investor
 - Banking
 - Community
 - Government / Regulator

- Shipment and **Delivery Service**
 - Suppliers
 - Logistics / Shipping
 - Community
 - Government
 - Staff



- Customers
 - Community
 - Government /Regulator
 - Staff



EUDR Traceability 100%

5

6.01% Thailand NR Production 13.75% Thailand STR Production

22.36% Share of Thailand's NR Consumption

World Class Customers > 95%

TEGH Materiality Analysis



GOVERNANCE / ECONOMIC		ENVIRO	NMENT	SOCIAL		
G1. Sustainable Supply Chain: การบริหารจัดการห่วงโซ่ อปทานอย่างยั่งยืน	ustainableRaw material buyingE1. Energy Management:Ely Chain:systemการบริหารจัดการด้านพลังงาน• Eเหารจัดการห่วงโซ่• Seeding Quality – Palm• R		 Affordable and Sustainable Energy Energy Efficiency Renewable Energy 	S1. Human Rights: การคำนึงถึงสิทธิมนุษยชน และการปฏิบัติต่อแรงงาน อย่างเป็นธรรม	Human Right PolicyEqual RightsGender Equality	
G2. Sustainable	Due Diligence Audit FSC/ RSPO/ EUDR	E2. Low-Carbon Economy: การลดการปล่อยก๊าซเรือนกระจกส่ชั้น		S2. Knowledge Management/Learni ng Organization: การพัฒนาพนักงาน	Equality Learning OpportunitiesWork Integrated Learning	
Materials: สินค้าที่มีความยั่งยืน	 Premium Quality Product Premium Quality Product Uรรยากาศ Carbon Capture 					
G3. Innovation and Digitalization: การมุ่งสร้างสรรค์นวัตกรรม และเทคโนโลยีใหม่ๆ G4. Corporate Good Governance: การกำกับดูแลกิจการที่ดี	 Traceability App R&D Project Product Development Digitalization Risk Management CAC Governance Policy Whistleblowing Compliance Audit Disclosure 	E3. Water Management: การบริหารจัดการน้ำใช้และการบำบัดน้ำ เสีย	Water Quality MonitoringWater FootprintZero Discharge	S3. Happy	Scholarship	
		E4. Eco product & services: การบริหารจัดการการผลิตสินค้าและ บริการ เพื่อลดผลกระหบด้านสิ่งแวดล้อม	 Traceability FSC, RSPO, USDA-NOP, GOLs, GMP&HACCP Cert. 	 Workplace: การดูแลพนักงาน เสริมสร้าง สิ่งแวดล้อมที่ดีในการทำงาน รวมถึงด้านอาชีวอนามัยและ ความปลอดภัยของพนักงาน Quality of Life First Housing Project Maternity Support Healthcare System Safety Control 	First Housing ProjectMaternity Support	
			GPSNR member, Rubber way EUDR due diligence			
		E5. Biodiversity: การอนุรักษ์ทรัพยากรป่าไม้ เพิ่มพื้นที่สี เขียว และการคำนึงถึงระบบนิเวศและความ หลากหลายทางชีวภาพ	Resources Utilization	 S4. Stakeholder Engagement: การมีส่วนร่วมต่อผู้มีส่วน ได้เสีย (เกษตกร ลูกค้า พนง. ชุมชน) Farm Labor's Quality of life Worker rights (No Child Labor/ Forced Labor) 	-	
			Deforestation FreeBiodiversity Conservation		 Worker rights (No Child Labor/ Forced Labor) 	
		E6. Waste Management: การจัดการของเสีย และการบริหารจัดการ	Zero Waste10Rs	, ,	Yield to Farmers	

6 Strictly Private & Confidential

ตามหลัก Circular Economy

Circular Economy



TEGH SUSTAINOMY

"Your Leading Global Strategic Partner that creates Sustainable Value Chain"



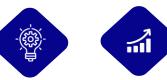
Business Model and Strategy



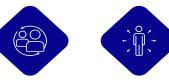
Corporate Mission



Sustainable **Materials**



Corporate Innovation



Operational Excellent

Smart **People**

Bio Circular

Green Economy

Continuous

Growth

SUSTAINABILITY TO PROFITABILITY

Global Leading Sustainable Material (NR) Producer

Leading Sustainable Palm Oil Complex



Leading Organic Waste Processor and Green Gas company in Asia



Partner of Choice for Sustainability

- Top 5 Producer BR in Thailand
- **New Expansion Production**
- Robotic & Digitization
- Sustainability leader in supply chain
- Leading of Sustainable product (FSC, GOLs, EUDR, Low Carbon, Odorless)

- Increase %MUR, %Eff.
- Waste to Value: EFB. Ash
- **New Expansion Project**
- Innovation Product: Nano Emulsion
- New Product : SBE, EUDR. ISCC waste oil
- Spin Off Opportunity
- Sustainable Palm Complex
- Biogas Solution Provider & Services OWM hub of EEC
- **BOM Model, Joint Service Operator**
- New Business: Bio-LNG, Fertilizer
- Innovation product:Bio-H2, Bio-Acetic
- Max Biogas Utilization
- Create new S Curve
- CO₂ capture

- Profit maximization
- Partnership Collaboration
- New JV Partnership

- M&A Opportunity
- Sustainability Supply Chain

SUPPORT ACTIVITIES

PRIMARY ACTIVITIES

Marketing and Sales

China & India Penetration New Product Sales Sustainable Product Accrued Margin Pricing Premium Matching Growth

Technology

Data Security Digital Innovation / Robotic **Dashboard Management** Remote System Flexible IT System Data Integrity

R&D Innovation

Innovated Product Product Improvement Lab Services Provider Realtime Cert. Application **CCUS** Value added

Human Resources

No 1 & 2 Successor **Employer of Choice** FLEXIBLE Working eUnite program **HRDD** Learning Organization

Financial and Account

Project Funding / Control Corporate Max Valuation Cash flow Management Hedge Acc. Management Maximize Benefit Mgt.

Sus

Sustainability Goals

Based Year: 2023, Scope III min 70% (Cat.1 Purchased goods and services)



Climate Change

- Reduce Scope I+II 42% and Scope III 25% by 2030 (Compare to Y2023)
- Carbon Neutrality by 2030
- Renewable Energy 100% by 2030
- Reduce Scope I+II+III 90% by 2050 (Compare to Y2023)
- Net Zero Carbon by 2050
- Renewable Electricity 100% by 2040

Operational Risk

Biodiversity

- COSO Evaluation
- Internal Audit 100% on plan
- CAC Rating: *****
- Emergency response Plan 100%
- Tris Rating downgrade
- Successor Plan >75%
- Community Forest > 150 rai by 2030
 Preserve and conserve biodiversity >70
- species

Stakeholder Engagement

- Stakeholders Engagement Activities : Farmer (No. of Activities, No. of Participants)
 - Employee (No. of Activities, No. of Participants)
- Supplier signed Code of Conduct >80% by 2025
- SME Suppliers intend to join CAC Membership. > 10
- Compliance Audit 100%
- Tier 1 Supplier 50% by 2024

Disclosure

- Double Materiality Evaluation by 2024
 GRI , TCFD, IFRS S1-S2, GPSNR Compliance Report by 2025
- SET ESG Rating: > A



Supply Chain

- Deforestation Free 100% by April 2019
- EUDR CL: 50% (150,000 ton) by 2024, 100% (300,000 ton) by 2025
 - EUDR FFB 100% by 2025
 - EUDR FL 80% by 2024, 100% by 2025
 - Farmer Self Due Diligence 100% by 2025
- RSPO 50,000 Rais by 2025

Sustainable Material

Corporate Good Governance

Keep Informed

Waste Management

Innovation and

Digitalization

Human Rights



TEGH's Top Priority Topic

Sustainable Supply Chain

Green Transition

Climate Adaptation

Stakeholder Engagement

Top priority

Happy Workplace

Knowledge Management and Learning Organization

Biodiversity

Water Management

Keep Satisfied

SDGs Top Priority Issue















Eco Product and
Services

Monitored



Stakeholder

Impact to



TEGH Supply Chain Management – Sustainable Material



Traditional Approach



- เกษตรกรปลูกยางพาราและ ปาล์มน้ำมัน และ
- จัดส่งวัตถุดิบให้สาขาบริษัท
- การจัดการสวน ใช้องค์ ความรู้ที่ถ่ายทอดกัน
- จากรุ่นสู่รุ่น ซึ่งมีผลผลิตที่ต่ำ



- รับซื้อวัตถุดิบคุณภาพดีจาก เกษตรกร
- กำหนดโครงสร้างราคา อย่าง โปร่งใสและเป็นธรรม
- ระบบการตรวจสอบคุณภาพ ที่ได้มาตรฐาน



- ผลิตยางแท่งคณภาพดี
- เน้นขายกลุ่มลูกค้า Premium
- ใช้ LPG ในการอบยาง

Sustainable Supply Chain Approach

- ส่งเสริมเกษตรกรให้ได้รับมาตรฐานความยั่งยืน
- FSC / GOLs / RSPO / EUDR
- จัดให้ความรู้และฝึกอบรมเกษตรกรให้มีการ
- จัดการสวนอย่างถูกวิธี
- จัดทำฐานข้อมูล Big Data เกษตรกร
- ตั้งสาขา เพื่อลดระยะการขนส่งของเกษตรกร
- พัฒนาระบบการตรวจสอบย้อนกลับ
- นโยบายไม่รับซื้อวัตถุดิบจาก Deforestation Area
- จัดทำ Due Diligence
- จัด Green Procurement / Supplier Code of Conduct
- เพิ่มเกณฑ์เลือก Supplier ที่มีการดูแลด้าน ESG
- ใช้พลังงานทดแทน (Renewable Energy Mixed)
- ลดการปล่อย CO2
- ใช้น้ำ Reuse ลดการใช้น้ำดิบ
- Zero Discharge Symbiosis
- Zero Waste => Waste to Energy

Short term Target (by 2025)

- 50% Green procurement (Tier1) by 2024
- 100% Supplier signed code of conduct by 2024
- 50,000 rai RSPO cert. by 2025
- 11,053 rai FSC cert. by 2025
- Deforestation free 100% by April 2019
- EUDR-CL 50% by 2024, 100% by 2025
- EUDR-FFB 100% by 2025
- EUDR-FL 80% by 2024, 100% by 2025





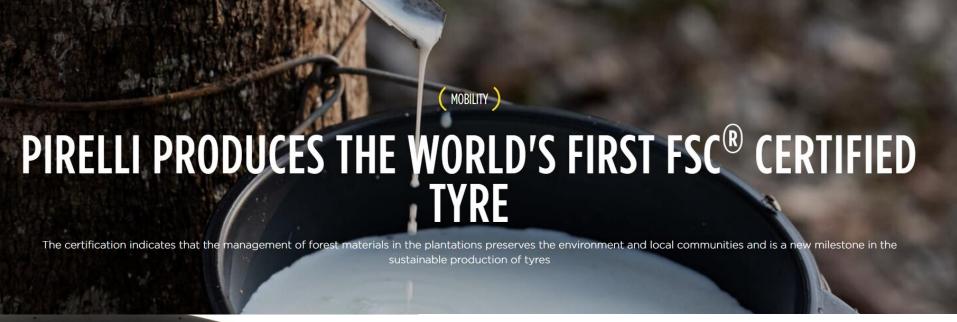




Long term Target (by 2035)

- 100% Green procurement (Tier1) by 2030
- 65,000 rai RSPO cert. by 2035
- 32,108 rai FSC cert. by 2035
- Maintain Deforestation free 100
- Maintain EUDR-CL 100%
- Maintain EUDR-FFB 100%
- Maintain EUDR-FL 100%

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THE FSC CERTIFIED PIRELLI P ZERO FOR THE BMW X5 PLUG-IN HYBRID

The world's first ®-certified tyre made using natural rubber and rayon sourced from FSC®-certified plantations marks a new milestone in the sustainable production of tyres. It is the P ZERO made for the new BMW X5 xDrive45e Plugin-Hybrid. A tyre supplied in sizes 275/35 R 22 for the front and 315/30 R 22 in the rear for the second generation of the BMW X5 with electrified traction, which combines a petrol engine featuring BMW TwinPower Turbo Technology and the fourth generation of BMW eDrive technology.

EUDR

EU Deforestation Regulation



What you need to know



Integrated Farming



โครงการส่งเสริมเกษตรกรปลูกโกโก้ในสวนยางพารา









<u>ข้อมูลโครงการ</u>

- สมาชิกในโครงการ FSC ต.เกาะจันทร์ อ.เกาะจันทร์ จ.ชลบุรี จำนวน 25 ราย
- ปลูกโกโก้แซมร่องสวนยาง จำนวน
 18,760 ตัน รวมพื้นที่ประมาณ 280 ไร่

<u>ผลลัพธ์ที่ได้</u>

- เกษตรกรมีรายได้เพิ่มขึ้น รวม
 30,000 บาท/เดือน
- บริษัทฯ ได้วัตถุดิบเกรด FSC เพิ่ม
 300 ตัน/ปิ

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Cost Reduction & Generate Other Income for Farmer



Fertilizer from Digestated Sludge

from Biogas Production Process

EFB for mushroom's farm

to generate other Income

EFB for cover the Palm Oil base

Increasing Moisture & Nitrogen

Ash from Boiler

for soil improvement (PH)





















Results			Unit	2022		2023
	Participating Farmers (FSC+RSPO+GOLs)		farmers	1,597		1,601
	Certified Area (FSC+RSPO+GOLs+EUDR)		rai	62,911		457,400
July .	Certified Ra		Ton	48,928	}	60,032
ノ	Increased F Income (FSC+RSPO+G		THB	10,338,6	52 3	5,898,532
T	Economic Value of Supporting Local Products			3,831,22	21 4	4,144,122
Support policy and SGDs		ership	activate	intend		member
		EU-Green De	al CBAN	Taxonomy	EÜ DR	Climate Change Act



Outcome

Output























TEGH Green Transition (as of Dec 2023)



289 g CO₂e/kg (Block Rubber)

Result

Practices

Sustainability



Over 90% Water Consumption Reduction



Revenue Increasing (compare 2021)



3-5 years Increasing Machine



Zero Waste / Discharge

100%

Save Water

Organics Waste

Circulation rate

1.48 Million Nm³



81.5% (Best Practice) LPG Substitution Rate



30.2% PEA Substitution Renewable Electricity Rate



2.51 ppm SOx (STD 60 ppm)



ECO Product / Recyclable Product

254,206 Ton

131,137 Ton Reduce Landfill (SOW)

2,600 Ton

Soil Conditioner

Thai Eastern Symbiosis



12.1 MWh PEA Consumption Reduction

3.377.205 Kg

LPG Consumption Reduction



120.761 tonCO₂e

CO₂ Emission Reduction

Maximize use of Resources

Increase Machine Useful Life Increase Machine Efficiency

3Rs Model

Reuse: Acetic acid, Plastic Sheet, Metal Pallet Reprocess: Ammonia recovering Reduce: Paperless, Off Spec

Waste Sorting

Hazardous Waste Organics Waste

5Rs Model

Reduce Recycle Reuse Refuse

Reprocess

Water Management

Best Practice

Create new usage Alternative Material

Zero Management

- Zero Waste Zero Discharge
- Zero Burn
- Zero Reject Zero Corruption
- Zero In-Equality

Sufficient

Economy

Waste to Energy

- POME to Biogas Biogas substitute LPG
- Biogas substitute Bunker Oil
- Renewable Electricity from Biogas Waste Heat from Exhaust Gas

R&D

Suitable Microorganisms for Biogas Production Process

Increase Biogas yield Multi Feed / Multi Digesting system

SHEE Management

Self

- S&H (Risk) Management Environmental Management (Air) **Energy Management**

Low Carbon Economy

- BCG Model Best Practice
- Waste to Value Model
- (OWM): SOW / LOW
- Biohythane Soil Conditioner **Biomaterials**

ECO Product

- Sustainable Material: FSC. GOLS, RSPO
- Low CFP
- Traceability Product Rubber Way Program
- **GPSNR Membership**

Reduce Repair

10Rs Model

- Reuse Replacement
- Reprocess
- Recycle Refuse
- Refill Redesign Rethink

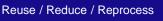
Carbon Neutral

- Organization by 2030
- CFO, CFP, CFR in STR Member of UNGC, TCNN and CALO
- RE100, I-REC, T-Ver Project, Less Proiect

Deforestation Free (2019)

BCG HUB

of EEC and Asia













Circular Economy

Carbon Neutral Pathway



Moving toward Carbon Neutrality Improvement Energy Efficiency 2007 2010 2016 2020 2023 2026 Maximize Resources **Energy Design** CFP. CFO EV. Hvbrid 50% 뜵 Reduction amount Increasing Machine Biogas Substitute LPG Carbon footprint Green Electricity **Vehicles** of Plastic lifetime in BR Factory in Manufacturing Certificate Waste to Energy **Green Energy New Technology** Utilization exhaust gas 95% Carbon Investment for more Green Electricity in BR **Carbon Credit** Substitute LPG in BR Biogas Substitute Offset Project Factory productivity Project (T-Ver) Factory LPG in BR Factory Water Circulation **Energy Design Energy Design** Saving raw water Sustainable Material **RE100** Biogas Substitute Green LPG Substitute Promote FSC, GOLs, bunker oil in CPKO Block Rubber **Procurement** Diesel in BR Factory **RSPO** Factory Green Area Increasing 5Rs Model Plantation area **Nature Based** Reuse, Reprocess, Renewable Energy Solution Reduce, Refuse Solar Roof Top Investment to R&D 3Rs Model Recycle Carbon and bio technologies Reuse, Reprocess, Neutrality Reduce **Pollution Reduction** by 2030 Waste to Value Reduce SOX, NOX COD Project SOW, LOW, R&D Zone3 Phase2 Proiect Impact of COVID-19

■ Scope 1+2 emission ■ Offsets and Carbon removals

Low Carbon Product





















Carbon Credit Model





This Redemption Statement has been produced for

THAI EASTERN INNOVATION CO.,LTD.

by

THAI EASTERN BIO POWER COMPANY LIMITED

confirming the Redemption of

1 230.000000

I-REC Certificates, representing 1 230.000000 MWh of electricity generated from renewable sources

This Statement relates to electricity consumption located at or in

159 M.2 Khaosok, Nongyai, Chonburi 20190 Thailand

in respect of the reporting period

2022-06-01 to 2022-12-01

The stated Redemption Purpose is

Our goal is to achieve RE100 and Reporting our carbon footprint organization's Scope2

9,635 REC

Evident



Renewable Energy Certificate โครงการผลิตใฟฟ้า 4MWจาก Biogas

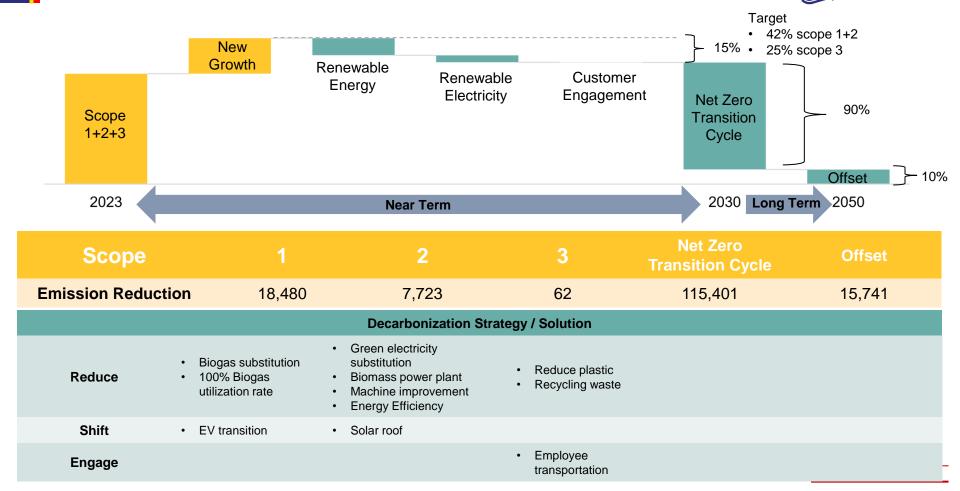


T-Ver โครงการปรับปรุงระบบบำบัดน้ำเสีย เพื่อนำไปผลิตก๊าซ ชีวภาพ



TEGH's Decarbonization Roadmap























		Results	Unit	2022	2023
		Water consumption reduction	Nm3	1.27 million	1.48 million
Output	د	Renewable Energy Substitution Rate	%	91.7	81.5
0	(7)	Green Electricity consumption Rate	%	51.3	30.2
	Î	Reduce to Landfill (SOW)	ton	117,362	131,137
	<u>ē</u> i	External Fuel cost reduction	THB	> 63 million	> 70 million
me		Pollution reduction (compare STD.)	%	> 98%	> 98%
Outcome	CO2	CO2 emission reduction (compare industry avg.)	tonCO2e	110,225	120,761
		Number of Complaint	issue	0	0
	Support r	policy * * *	***	Climate	SUSTAINABLE









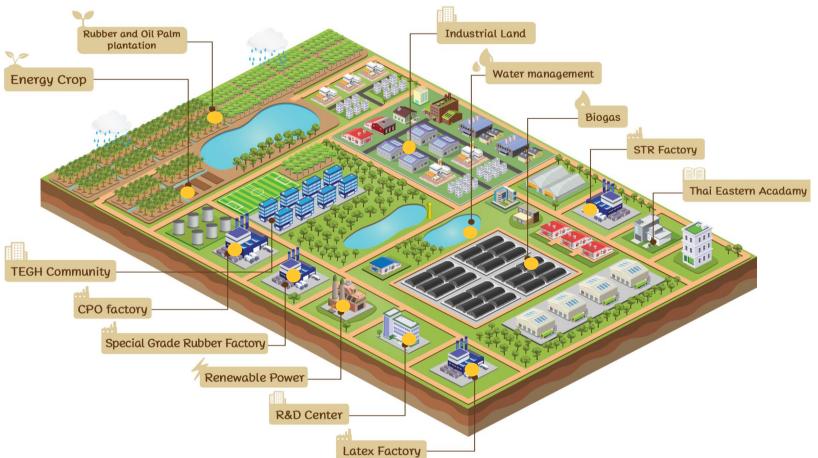






Thai Eastern Symbiosis

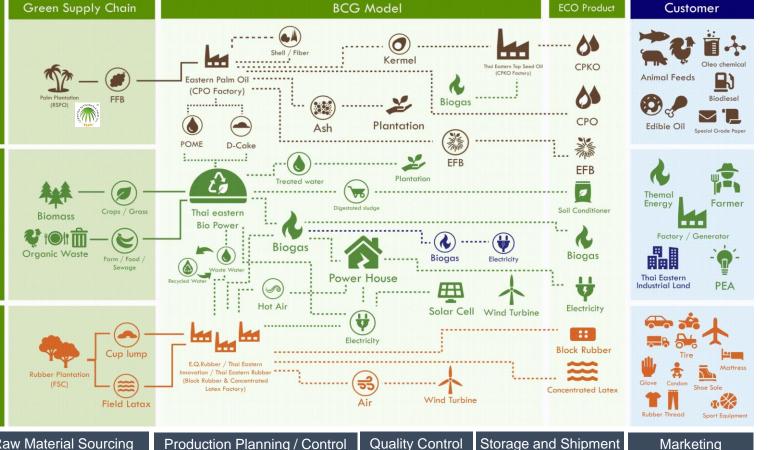




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Thai Eastern Symbiosis





Supporting Activities



Green Procurement



Information Technology



Human Resource Management



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TEGH Climate Adaption



Self-Sufficient Economy





Energy Management







Quality of Life



Governance

Land Use, Risk

Due Diligence -ESG

Risk Management

Climate Change

Anti Corruption

Code of Conduct

Mapping

Biodiversity

Conservation



Water Utilization

Reuse/Recycle water Tap Water System

Reservoir Storage

Capacity Wastewater Treatment

Zero Discharge

Sustainable Water Management

Nutrient Solution

Renewable &Clean Energy

Bio Hythane

Low Carbon

Economy Self Sustainable

Energy

Waste to Energy

CCU

Eco Factory

Energy Efficiency

Resource Utilization 3R, 5R, 10R

Green Manufacturing

Zero Waste

Zero to landfill

Sharing Economy Waste to Value

Pollution Control

End of Life Product Responsibility

Circular Design

Good Agricultural

(FSC/ GOLs/RSPO) Rubber Wav

GPSNR

Deforestation Free Product Traceability

Practice (GAP)

Supplier Code of Conduct

Handling & Logistic

Management Traceability

Human Right Health and Safety Community

Support Scholarship

Housing

Nursing and

Environment

Work Integrated learning

Recreation Area

Emergency Unit

Green Economy

Transparency Legal Compliance Internal Audit

BCG **Economy**

KEY

RESULT

INDEX

2023

93.6%

Water Recycle Rate

Zero Discharge



Biogas Substitution 81.5%





131.137 Ton Reduce Landfill (SOW)



CO2 Emission Reduction



Circular Economy

Certified Sustainable Materials Plantation 68,252 rais

Supplier Engagement on Sustainable Policy 84.2%



Farmer -QOL Improvement



92.5%



Species compare to 2021

Deforestation Free

(cut of Y2020)





 \bigcirc







Bio Economy























Waste Management



Liquid Waste



POME



Wastewater

Solid Waste

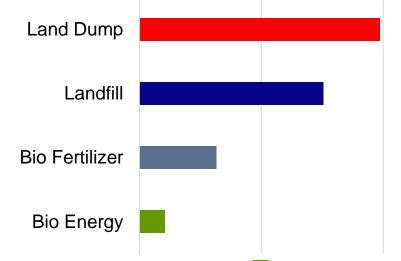


Decanter Cake

Total Organic Waste Management Capacity



(Ton per Year)



986,860 tonCO_{2e}/year (EF: 1.0388 kgCO_{2e}/kg)

753,635 tonCO₂₀/year (EF: 0.7933 kgCO_{2e}/kg)

315,970 tonCO_{2e}/year (EF: 0.3326 kgCO_{2e}/kg)

104,690 tonCO_{2e}/year (EF: $0.1102 \text{ kgCO}_{2e}/\text{kg}$)

Reduce Carbon Emission



▶ 89.39%











Refer: ค่า Emission Factor แบ่งตามประเภทกลุ่มอุตสาหกรรม

















		Results		Unit	2022	2023	
		CO2 emission (scope 1+2+3)		tonCO2e	71,861	119,020	
-	CO2 intensity red (STR) (compare 2016)			tonCO2e/ kg	0.0290	0.0269	
	co,	CPF of Block r	ubber	gCO2e/kg	289	289	
		CO2 credit (T-ver)		tonCO2e	0	51,732	
	I-REC			REC	0	9,635.07	
		Additional Reverse from CO2 cred		THB	0	1,627,967	
	Regulato	ry Compliance	Improved Sustainable			Engagement of Employees	
	Enhanced Competitiveness		Br	and Image	and S	Stakeholders	

Support policy and SGDs











TEGH Climate Resilience

(ความ<mark>พร้อมในการรับมือก</mark>ารเปลี่ยนแปลงสภาพภูมิอากาศ)

+1.5c

+2c

+3c

+4c

- 2 Months
 average length
 of draught
- Sea Level increase

48 cm

4 Months
 average length
 of draught

Sea Level increase

56 cm

• 10 Months average length of draught

• Sea Level increase

700 cm

? Months
 average length
 of draught

• Sea Level increase

900 cm





EUROPEAN GREEN DEAL



Reduce **55%** GHG emissions by 2030 (compared to 1990)



Regulation on Land Use, Forestry and Agriculture (LULUCF)

FLAG, Biodiversity



CO2 emissions standards for cars and vans 0 emission of new cars by 2035



Emission Trading System (ETS)

55% reduction by 2030 net zero by 2050



Carbon Border
Adjustment
Mechanism (CBAM)
Effective Jan 2026



Renewable Energy Directive RE mix 40% by 2030



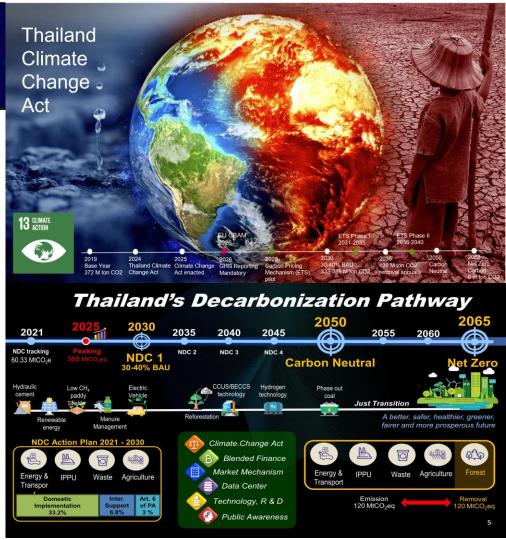
ReFuel EU Aviation Regulation

2% in 2025, 6% in 2030, 20% in 2035, 34% in 2040, 42% in 2045, 70% in 2050



FuelEU Maritime Regulation

2% in 2025 80% by 2050



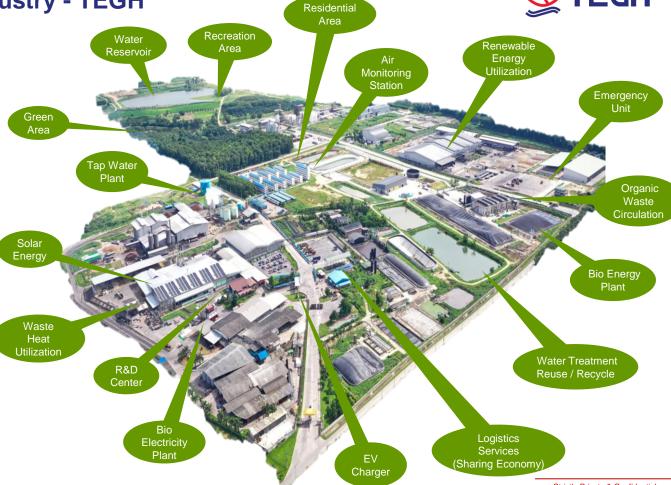
Self Sustainable Industry - TEGH

Opportunity:

- Waste to Energy: Use of Lower-Emission Source of Energy
- · Renewable Energy mixed
- Renewable Electricity mixed
- · Participation in carbon market
- Shift toward decarbonized organization

Potential Impacts:

- Reduce cost of carbon tax
- Decrease Energy Cost
- Decrease exposure to fossil fuel price increase
- Decrease exposure to GHG Emission
- Increase demand of Eco Product (Low Carbon Material)
- · Access to Green Funding



Renewable Energy

TEGH's Circularity Model help support company energy transition from LPG to Bio Energy with the substitution rate of:

81.5%

Deforestation Free

Since Apr 2019, TEGH had cutoff any raw material supply from unidentified right of use area to comply with EUDR.

100%

Ecovadis Rating

Global platform that provides sustainability ratings and assessments to evaluate on sustainability practices and performance standards.



Decarbonization

TEGH Symbiosis model that support the collaboration among the group of company can help reduce carbon emission (Compare to industry standard)

120,761

tonCO₂e CO2 Emission Reduction

Sustainable Supply Chain

The company supports rubber farmers in obtaining FSC certification and encourages farmers to achieve RSPO certification to promote sustainable materials.

68,252 Rai

Water Storage

TEGH creates own water reservoir to secure water consumption.

16 months

Farmers' Well Being

The company promotes additional income generation for farmers through sustainable rubber and oil palm plantations model.

35.90 Million Baht

Biodiversity Conservation

TEGH helps protection, conservation and management of biodiversity in order to obtain sustainable benefits for future generations

76 Species

Thai Eastern Group Holdings PCL (TEGH): BIODIVERSITY



Q&A session



Thank you

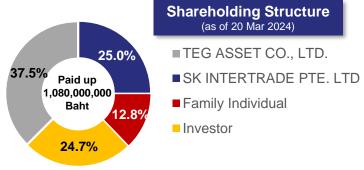


Appendix

TEGH Overview



Company	Thai Eastern Group Holdings Public Company Limited		
Ticker	TEGH		
Type of Business	The Company operates as holding company with three core businesses. The three core businesses are following: (1) Rubber business (2) Palm oil business (3) Renewable energy and organic waste management		
Secondary Market	The Stock Exchange of Thailand ("SET")		
Industry	Agro and Food Industry		
Dividend policy	Pay dividends at a rate of not less than 40% of net profit after income tax and legal reserves		



Remark: TEG ASSET CO., LTD. is wholly owned by Kokanutaporn Family.

SK INTERTRADE PTE. LTD. is holding company, established under the laws of Singapore, and held by K Ventures Company Limited. And K Ventures Company Limited is wholly owned by Kokanutaporn Family.



Our Products and Services



Manufactures and Distributes
Natural Rubber



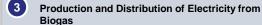
Manufactures and Distributes
Crude Palm Oil



Renewable Energy Business and Organic Waste Management





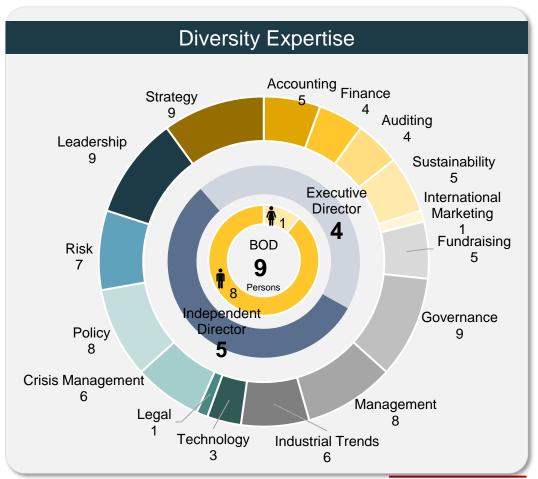




Board & Sub-Committee with Expertise Diversity

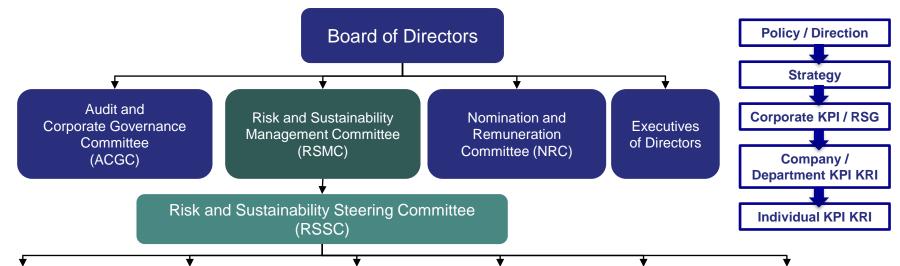






Corporate Governance, Risk, Sustainability Committee





Climate Change Sub-Committee

- Carbon Reduction Plan
- toward Carbon Neutrality
- (2030) & Net Zero (2050)
- SBTi
- Water Footprint / Energy Efficiency / Safety & Envi
- Carbon Credit Project
- Environmental Aspect
- · KRI CC

Sustainable Supply Chain Sub-Committee (RU+PU)

- Farmer / Dealer Due Diligence
- Proof of Deforestation Free
- Farmer/Dealer Risk Assessment & Mitigation Plan
- Geolocation Mapping and Updating
- EUDR Representative
- Supply chain ESG Audit
- KRI SSCM

Operational Sub-Committee

- COSO Evaluation
- Emerging Risk
- Supplier Due Diligence
 Risk Assessment / Risk
- Risk Assessment / RisMitigation Plan
- Internal Audit
- Occupational Health & Safety
- CAC
- KRI R

Stakeholder Engagement Sub-Committee

- Code of Conduct
- Human Rights Due Diligence
- Corporate Governance
- Stakeholders Risk Management
- Supplier DD
- KRI SR

Biodiversity Sub-Committee

- Policy / Statement
- Activity based Diversity Risk Assessment
- Biodiversity MonitoringCommunity Forest / Green
- Area
 Preserve and Conserve
 Biodiversity (EIA Area)
- KRI B

Disclosure Sub-Committee

- Materiality Evaluation
- Corporate Sustainability Strategy
- Design and Initiatives
- Innovation
- GRI / BCG / GPSNR / TCFD / CDP / IFRS S1-S2
- KRI S

Climate Change Report

FSC / RSPO Report

Risk Audit Report

HRDD Report

Biodiversity Report

Sustainability Report

dential