

EMPOWERING
BOUNDLESS
POSSIBILITIES



SCGJWD
LOGISTICS
SCGJWD LOGISTICS PUBLIC COMPANY LIMITED

MANAGEMENT KEY REPRESENTATIVES



**Mr. Nattapume
Pavaratn**
SVP Group
Commercial and
Government Liaison



**Mr. Charvanin
Bunditkitsada**
Co-CEO



**Mr. Bunn
Kasemsup**
Co-CEO



**Dr. Eakapong
Tungsriranguan**
CFO and SVP Specialty
Logistics Business



**Mr. Prapon
Tanasuthiseree**
VP ESG and SD

SET AWARDS 2025

Sustainability Excellence



Content

1 ABOUT SCGJWD

at a Glance, Nationwide Network, Logistics & Supply Chain Solution
Vision Mission & Strategy and Business Structure

2 GEOPOLITICS AND ECONOMIC SLOWDOWN RESILIENCE STRATEGY

Building Resilience through strategic implementation for long term goals

3 CLIMATE ACTION

to capture opportunities and drive sustainable growth

4 AI & TECHNOLOGY TRANSFORMATION

Enhance business competitiveness and create value across the Digital logistics

5 SUSTAINABILITY MATERIALITY ISSUES

to driving long-term business sustainability and maintaining competitive advantage

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SCGJWD AT A GLANCE

Providing Services to Customers in Every Aspects of the Logistics Value Chain



Footprint in **9 countries across ASEAN plus China**



Over 2.3 million Sq.m
(1.7 million in Thailand, 0.6 million in ASEAN) for warehouse and yard (general & free zone, cold chain, automobile, chemicals & dangerous goods)



14,000 of total fleet capability

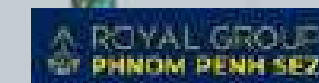


Capability of over **220** barges



More than **2,400** of total customers

Partnership With Top Logistics Players



OUR NATIONWIDE NETWORK COVERAGE

SCGJWD focuses on the network coverage expansion to dominate the logistics market in key strategic areas accompany with all types of warehouses, CDC, RDC, HUB.

Central

Bangkok

- Port/terminal
- Barge
- Customs clearance

Wang Noi, Ayutthaya

- Central Distribution Center
- General Warehouse
- Cross-docking & consolidation Hub

Rangsit, Pathumthani

- Distribution Center
- General Ambient Warehouse
- Fulfillment Services
- Temperature Controlled Warehouse

Rangsit, Pathumthani

- Distribution Center
- General Ambient Warehouse
- Fulfillment Services
- Temperature Controlled Warehouse

Nakhon Sawan

- Sorting Center

Saraburi

- Temperature Controlled Warehouse

Chachoengsao

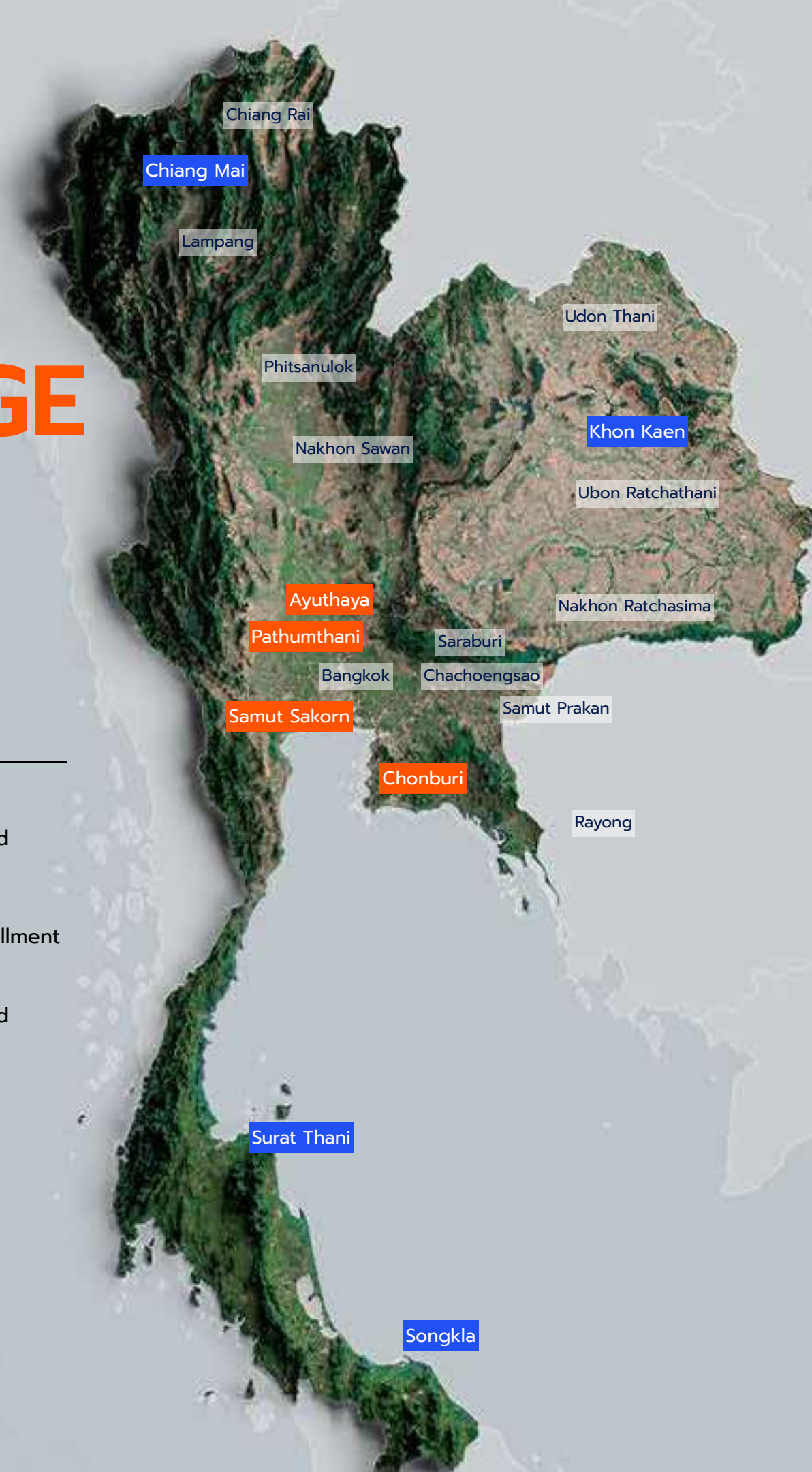
- Temperature Controlled & Freezone Warehouse
- Document Storage Warehouse

Samut Prakan

- Temperature Controlled Warehouse
- General Warehouse
- Automotive Yard
- Multi-Temperature Fulfillment

Samut Sakorn

- Temperature Controlled Warehouse



Northern

Chiang Mai

- Regional Distribution Center
- General Warehouse
- Document Storage Warehouse

Chiang Rai, Lampang, Phisanulok

- Sorting Center

Northeast

Khon Kaen

- Regional Distribution Center
- General Warehouse

Udon Thani, Ubon-Ratchathani, Nakhon Ratchasima

- Sorting Center

Eastern

Laem Chabang, Chonburi

- ESC Laem Chabang
- General & Freezone Warehouse
- Automotive Yard
- Dangerous Goods Yard & Terminal
- Chemicals Supply Chain Warehouse

Rayong

- On-site Automotive Yard

Southern

Surat Thani

- Distribution Hub

Songkla

- Distribution Hub

SEAMLESS AND MOST INTEGRATED LOGISTICS & SUPPLY CHAIN SOLUTION THROUGHOUT LOGISTICS VALUE CHAIN



Logistics Infrastructure

- Port/terminal
- Barge
- Customs clearance

Multi-modal Transport

- Road transport
- Rail transport
- Cross-border
- Project cargo
- Air freight
- Sea freight

Warehouse & Yard Management

- General & Freezone warehouse
- Cold storage
- Dangerous goods
- Document storage
- Fulfillment center
- Automotive
- Self storage / art storage
- All industrials & commodity products

Last-mile Delivery

- B2B2C / B2C
- E-commerce
- Relocation
- Value-added services

VISION & MISSION AND BUSINESS STRATEGY

VISION

ASEAN Most Trusted and Integrated Logistics & Supply Chain Solutions Provider

MISSION

Seamless and Most Integrated Logistics & Supply Chain Solution throughout Logistics Value Chain

BUSINESS STRATEGY



ENABLER STRATEGY

Digitalization and Innovation

Sustainability Development

Inorganic Growth

SCGJWD BUSINESS STRUCTURE

1. LOGISTICS & SUPPLY CHAIN

B2B INTEGRATED LOGISTICS
B2C LOGISTICS
OVERSEAS LOGISTICS
LOGISTICS INFRASTRUCTURE



2. PROPERTY SOLUTIONS & INVESTMENT



3. SUPPLY CHAIN DIGITAL PLATFORMS & INNOVATION



4. LOGISTICS ACADEMY FOR SUSTAINABILITY



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Geopolitics & Economic Slowdown

SCGJWD Key challenges & Resilience Strategy

Strategic to enhance long-term competitive advantage to mitigating global economic risks.

Key Challenges

Geopolitics

- US -China Trade War
- Cambodia-Thailand Border conflict
- Myanmar Political Instability

Economic Slowdown

- GDP Growth Slowdown
- Soft Domestic Demand
- Cost Pressure

1. Integrated Logistics & ASEAN Coverage

- **Strengthen ASEAN** network to support **shifting trade flows**.
- **Develop alternative cross-border corridors** to bypass politically sensitive zones.

- **Target high-growth** countries for expansion.
- **Optimize ASEAN network** to capture regional trade.
- **Leverage knowhow** and strengthen partnerships.

2. Business Diversification & High-Margin Segment

- **Provide total solutions** with diverse services & multi-mode for continuity
- **Diversify revenue** to reduce exposure to volatile markets.

- **Mitigate risk** from slower-growth markets **through diversification**.
- **Focus on High-margin segments** such as Cold Chain, Healthcare.

3. Inorganic Growth

- **Investment in SWIFT (Malaysia)**
- **Investment in ANI (Air-freight)**
- **JV with Ruiyun (Cold Chain cross-border)**



- **JV in Swift Cold Chain (Malaysia)**
- **Explore inorganic growth** in Cold Chain and Automotive segment



Geopolitics & Economic Slowdown

SCGJWD Resilience Strategy & Target and Results

1. Integrated Logistics & ASEAN Coverage

2. Business Diversification & High-Margin Segment

3. Inorganic Growth

Target

- **Strengthen ASEAN** coverage.
- **Target % net profit from Overseas 16%** (in 2025)
- **Expand service capability** and customer base via strategic alliances.
- **Achieve sustainable financial growth** (Revenue, Gross Profit, Net Profit).

Results

- **Strong ASEAN and expand service capability presence**
 - **Investment:** SWIFT Malaysia in Feb 2024 and ANI in Jan 2024 (Air freight)
 - **JV with SWIFT Cold Chain** in Jan 2025 and **Ruiyun** in Aug 2025 (China-Thailand Cold Chain Cross border)
- **% Net profit from Overseas reaching ~20% in 2025F**
- **Grew financially in H1/2025 Revenue +6.2% YoY, Gross Profit +14.7% YoY, and Net Profit* +90.9% YoY**

*exclude Net Effects from negative goodwill



Geopolitics & Economic Slowdown

SCGJWD Overall Effect & Benefit

1. Integrated Logistics & ASEAN Coverage

2. Business Diversification & High-Margin Segment

3. Inorganic Growth

Benefit to Company & Customer

COMPANY



Revenue & profit growth



Coverage in ASEAN

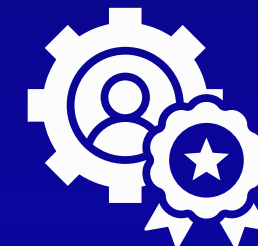


Business resilience

CUSTOMER



ASEAN-wide integrated logistics



Specialized industry services



Reliable logistics services



Fast, flexible delivery

SCGJWD USE CASE : **Geopolitics Response**

1. U.S. Tariff Policy

Turning Trade Challenges into Growth Opportunities By combining foresight, operational agility, and strong regional presence, SCGJWD ensures business continuity and captures new opportunities.

- **Regional Reach : Operations in 10 ASEAN countries** ensure reliable logistics.
- **Adaptive Supply Chain : Flexible, efficient strategies** maintain business continuity.
- **Network Expansion : Expanded services** leverage regional production shifts and mitigate risks.
- **Opportunity Capture : Tariff reductions and responsive solutions** drive volume growth.

2. Explore New Market with Chinese Partners

The ongoing trade war has accelerated the growth of trade between ASEAN and China, creating new opportunities for cross-border business expansion. To capture this momentum, we are building strategic collaborations with leading Chinese logistics players.

Strategic Partners

- **RUIYUN** - Leading cold chain logistics provider
- **CAS (JUSDA Group)** - Strong network and resources in China

Collaboration Model

- **Leverage RUIYUN for Cold Chain cross border** from Thailand to China such as fruits
- **Develop backhaul solutions** : import Chinese goods to Thailand



SCGJWD USE CASE : Geopolitics Response

3. Thailand–Cambodia border closure

Thailand–Cambodia border closure

- Thailand–Cambodia border closure since 23 June 2025 till now (Land border)
- Thai container barge that requested for single voyage still not approved by Thai Marine department
- Thai product banned including fruit, vegetable, oil and gas to Cambodia since July 25

Impacts

- Border transport Thailand–Cambodia halted, shifted to sea freight via third countries.
- Freight rates nearly double, with risks of delay or cancellation.
- Key customer in Cambodia demand dropped ~70%, especially food and consumer goods.
- Customers exploring alternatives (Vietnam routes, Phnom Penh Port).
- Boycott of Thai products in Cambodia drives rebranding and alternative sourcing.

Actions

- **Engage foreign Managing Directors** to reduce political and market risks.
- Prepare alternative **transport models and sourcing options** such as barge (Jumbo Barge)
- Propose **concrete solutions** to customers and ensure execution.
- Maintain continuous **operations and flexible models** to support customer business.
- **Utilize our local entity (BOKSENG) in Cambodia** to run operations directly, **reducing cross-border risks** and ensuring continuous business.



**Sustained Business Continuity
in Cambodia with Revenue
68 THB Million per Month
(+24% YoY)**

SCGJWD USE CASE : Geopolitics Response

3. Thailand–Cambodia border closure

1) Alternative model & sources preparation

Collaboration with customer, internal, related stakeholder and SCGJWD Freight & JTS

- BCM Plan
- Collaboration meeting (Internal & External) Keep closely monitoring
- Find proper alternative solution by scenario



2. Propose solution to customer lead to execution

Collaboration with Freight team & JTS for developed Freight business to execution period : reasonable transit time and smoothen operation



Alternative sources : Consolidation Hub model in Vietnam to collaboration with SCGJWD Vietnam for support alternative volume. increasing trend from Vietnam

3) Continuous run business and model for support customer business

Example : Collaboration support model to RMAAC in Border closure period (Jul 25 vol. around 50 SOC container) – Revenue 150K USD



Example : Ocean Freight for key customer e.g. EFG, UNT, HSL, Vet Product, Indoguna etc. – Revenue (Jul-Aug 2025) 80K USD

Key Value / Key Differentiate

- Variety of alternative model proposals/ end-to-end solutions
- Sea freight for SOC (Shipper owned container) – reduce product (auto parts) damage risk
- Operation complexity management e.g. General + DG Shipment combine

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SCGJWD AIMS FOR NET ZERO BY 2050 :

Decarbonizing Logistics for a Greener Tomorrow



SCGJWD GO GREEN ACTIVITIES

GREEN FLEET

Reduce greenhouse gas emissions, fuel consumption and collaboration with partners to reduce greenhouse gas emissions

GREEN WAREHOUSE

Energy-efficient and resource-optimization warehouse operations.

GREEN SUPPLY CHAIN

Integration of low-carbon practices across all processes from upstream to downstream, including logistics, and extending to logistics partners.

GREEN CARRIER

Aligning transport partners with SCGJWD's Green Logistics framework.

GREEN OFFICE

Eco-friendly Buildings and Office Operations
Environmentally responsible facilities and practices.

GREEN SUPPORTING MANAGEMENT

Green Supportive Activities
LCC Center, CSR for Sustainable Development, SCGJWD Academy, ISO 14001, ISO 45001, ISO 14064, ISO 14083, and OHSE Standard.

GREEN OPERATION

Resource and Pollution control in Transport Operations Backhaul optimization, multimodal transport, ASRS (Automated Storage & Retrieval System), solar rooftop deployment, and EV truck adoption.

GREEN INDUSTRY

Eco-friendly Industrial and Operations Continuous development and improvement towards sustainable and environmentally responsible practices.

GREEN PORT

Green Port Design and Operations
Adoption of clean fuels and electric vehicles, modal shift in transportation, and digital technology investment to reduce emissions.



Climate Risk and Opportunities

SCGJWD Key challenges & Resilience Strategy

Key Challenges

- **The Climate Change Act** imposes stricter compliance requirements and additional costs on logistics operators.
- **B2B customers emphasize environmental responsibility** but resist higher logistics costs.
- **Over 90% of transport operators are SMEs with limitation capacity** to adapt, perceiving compliance as an additional burden.
- **Alternative energies** such as EVs, Hydrogen, and B100 remain costly and are still under development.
- **Employees and partner workforce** are at varying levels of capability, with many still in the early stages of development.

Government Regulation

Customer & Stakeholder

Technology

Knowledge Management & People

Key Purpose

- **Proactive preparation enables alignment** with future regulations, allowing rapid response to customer requirements.
- **First mover in Green Logistics provides a competitive advantage** and access to global clients requiring sustainable supply chain standards.
- **Strong readiness to investment and Develop a Decarbonization Platform** to drive business expansion.
- **SCGJWD Logistics Academy purpose** to design training programs to upskill employees, partners, and contribute to broader social development.

Climate Action

SCGJWD Emission Profile & Decarbonization Target

Emission Profile Y2024

GHG Scope 1,2 & 3 emission total 391,884 ton co2eq

SCGJWD		OTHER ACTIVITIES	
SCOPE 1	SCOPE 2	SCOPE 3 UPTREAM ACTIVITIES	SCOPE 3 DOWNSTREAM ACTIVITIES
Emission from Fuel combustion • Own Fleet Fuel % of total 5%	Emission from grid electricity • Electric City 5%	Emission resulting from Upstream transportation • Category 3.3 Fuel Energy and Related Activities 2%	Emission resulting from Downstream transportation • Category 3.9 Fuel Energy downstream Transportation ◦ Transportation by Carrier Network 88%
Scope 1 & 2 total 42,113 ton co2eq		Scope 3 total 349,771 ton co2eq	

Decarbonization Short & Long Term Target

Short-term target

- 2025**
 - Reduce Scope 1, 2 = 10%
 - Initiate the target of Scope 3
- 2026**
 - Reduce Scope 1, 2, 3= 20%
- 2027**
 - Reduce Scope 1, 2, 3= 20%

Long-term target

- 2030**
 - Reduce Scope 1, 2, 3= 40%
- 2050**
 - NET ZERO

Y2024 GHG Reduction Target & Results

* compare GHG Emissions scope 1 & Scope 2 Y2023

Target

10% GHG Reduce Scope 1, 2

Results *

GHG Reduced Scope 1 & Scope 2 as 14% or 10,976 ton CO₂eq

Climate Action

SCGJWD Resilience and Decarbonization Strategy

GO GREEN

Strategic Direction

Logistics
Decarbonize
Research and
Development

Clean and
renewable
energy

Green Logistics
Supply Chain
Standardization

AI Digital
Logistics
Fleet Utilization

Strategic Goals

**40% Y2030 Reduction GHG Scope 1,2 and 3 and
Achieve Net Zero by Y2050**

**70% Y2025 Fleet Utilization efficiency
by Head haul and Back haul Matching**

**Y2026 to provide Low Emission Transportation
Services (LETS) for Customer**

**Strengthen international collaboration in
GHG management networks, including
Smart Freight Centre and LogiSYM.**

**SCGJWD Logistics Academy to Promote
decarbonization knowledge for benefiting both
business and society**

Climate Action

SCGJWD Strategic Direction : Decarbonize Research

Logistics Decarbonize Research and Development

Research and Development Action Plan :

- **2024 to 2025 Building Sustainability with Partners**
 - **Extend the Decarbonization Roadmap & Strategy** to carrier network and business partners.
 - **Provide Low Emission Transportation Services (LETS)** and adopt Market-Based Measures (Book & Claim).
 - **Develop Green Fleet, Green Carriers, and Green Symbolic Programs.**
 - **Enhance carbon insetting processes.**
- **2024 to 2025 Driving Sustainability Knowledge through Logistics Academy**
 - **Knowledge Sharing for stakeholders and society** (SMEs, Academy, Government, Communities).
 - **Network Collaboration** through co-created curricula and ESG co-training.
 - **Launch ESG programs** internal & external : ESG DNA, Next Gen, and New Gen Logistics.
- **2025 to 2026 Strengthening Collaboration and Alignment with Global Standards**
 - **Implement international standards** : ISO 14064 (GHG measurement & reporting), ISO 14083 (transport carbon footprint).
 - **Conduct sustainability assessments and disclosures** : FTSE, DJSI, CDP, ISSB-IFRS, Sustainalytics.
 - **Collaborate with global transport and logistics networks** such as Smart Freight Centre and LogiSYM.
- **2025 to 2026 Joining Global Initiatives on Future Technology and Energy** for Transportation Decarbonization.

MOU Decarbonizing Logistics PSU x SCGJWD Logistics



Decarbonizing Logistics and Sustainable Logistics key focus :

- Net Zero Pathway SCGJWD Logistics
- Research and Development Clean energy
- Develop Green Fleet, Green Carriers, and Green Symbolic
- Provide Low Emission Transportation Services (LETS) adopt Market-Based Measures (Book & Claim)
- Collaborate international networks Smart Freight

Climate Action

SCGJWD Strategic Direction : Decarbonize Research

Logistics Decarbonize Knowledge Management for Partner & Carrier Network



Conduct comprehensive training on CFO measurement (Scope 1–3) and carbon reduction planning, including detailed guidelines and templates for efficient data collection.



Consulting and recommendations to individual companies on CFO evaluation (Scope 1–3), with readiness support for actual data collection and reporting.



Deliver specialized knowledge and hands-on training for transport and logistics companies on CFO measurement and calculation in align with TGO (Thailand Greenhouse Gas Management Organization) standard, along with principles for developing a Decarbonization Roadmap to achieve carbon reduction targets.

SCGJWD USE CASE : **Decarbonizing the Operation Efficiency**

Carbon insetting Action Plan :

Operational Efficiency

- **Route Optimization and Fleet Utilization** Model Head-haul, Back-haul, Multimodal
- **Green Fleet & Green Carrier** Criteria for Carrier Network Standardization
- **Scope 1, 2, 3 emissions reporting** (transport & logistics standards) with TGO certification
- **Preparation of Decarbonization Roadmap** (Scope 1–3)
- **Assessment readiness** ESG rating for FTSE Russell and CSA S&P Global

Technology Efficiency

- **AI-Route Optimization and Digital Logistics Solutions support**
- **Smart Warehouse ASRS Robotics and Solar Rooftop**
- **Logistics EV Truck, EV Forklift**
- **ESG Data Integration System Scope 1, 2, 3**
- **CHILLOX energy-saving cold storage technology**

SCGJWD USE CASE : 6 Green Activities

1. CHILLOX: Energy-Saving Cold Storage Technology

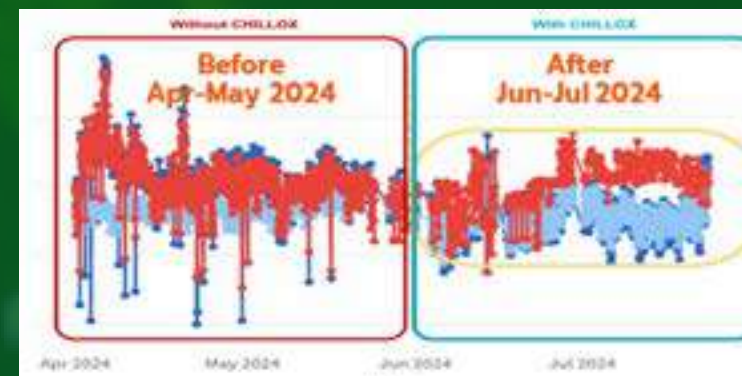


Purpose :

- **Installation of a temperature control system in cold storage warehouses** ensures stable conditions and provides backup cooling in abnormal situations.
- **The system reduces electricity consumption for refrigeration by 15–20%** and lowers greenhouse gas emissions.

Key Results :

- **20% reduction in electricity consumption** during on-peak TOU periods.
- **25–30% reduction in energy costs.**



Reduce Energy consumption rate

2. Cold Chain Solar Rooftop



Purpose :

- **Reduce electricity costs** by transitioning to renewable energy and reduce GHG Scope 2 from purchased electricity.
- **Enhance energy security** by lowering dependence on external power sources.

Key Results :

- **Y2024 Cost saving 44.82 THB Million and Y2025 (Jan-Jul) 27.78 THB Million**
- **Y2024 GHG reduction 6,874 ton co2eq and Y2025 (Jan-Jul) 4,158 ton co2eq**

SCGJWD USE CASE : 6 Green Activities

3. Collaboration with customer to develop multimodal rail transportation

Shift mode from Truck to Train



Key Results :

- **Reduce GHG emissions 20 ton co2eq per shipment** by Consolidate volume onto a wagon instead of many trucks to
- **Transportation Cost saving 15–20%** (*Fixed rate while fuel price is fluctuating*)
- **Lower chance of accident 3.3% lower Risk of Accident**
- **Eliminate waiting time at ICD LKB 3 days shorten Transit Time**

4. Operation efficiency by Northeastern Head haul Backhaul Matching by shipment



Key Results :

- **Enhance operational efficiency** by reducing empty trips.
- **Leverage the Book-and-Claim mechanism** to reduce CO₂ emissions.
- **Track head-haul and back-haul trips** by truck registration.

5. HYDROGEN Collaboration TOYOTA x HINO



Purpose to Research and Development :

- **Explore alternative energy solutions** and work with partners to lay the foundation for Thailand's Carbon Neutrality and Net Zero GHG Emissions goals.
- Truck vehicle application in real operating environments to co-develop practical solutions with partners.

6. Exploration of Alternative Energy Pathways (BEV, LNG, B100 Bio diesel)



Purpose to Research and Development :

- **Study and pilot eco-friendly energy options** by comparing real operations, cost efficiency, relevant technologies, and applicability to logistics operations.
- **Support energy transition, enhance competitiveness**, and reduce greenhouse gas emissions.

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AI & Technology Transfromation

SCGJWD AI & TECHNOLOGY INNOVATION ROADMAP

Assisting business units in business growth with technologies and services

“ Digital Logistics Supply Chain Intelligence ”

Y2023
1.0

Digitalization of Business for the SCGJWD Group

After the 2023 merger, we **continued managing data separately**. Each company's systems operated independently, creating **isolated data silos** that limited group-wide visibility and made joint decision-making and process optimization difficult.

Y2024
2.0

Data Consolidation and Enhanced Visibility

Integrating data from both companies into a unified platform, **breaking down silos** and improving **operational transparency**. This consolidation enabled a shared view across the group, supporting better monitoring, collaboration, and data-driven decisions.

Y2025
3.0

One Platform & Data-Driven Intelligence

Leverage integrated data and conduct analytics to **provide actionable insights, predict trends, and optimize operations**. Use intelligent tools such as AI, machine learning, and automation to make data-driven decisions. Transform our logistics network into a smart, agile ecosystem that adapts and innovates rapidly in response to business challenges, threats and opportunities

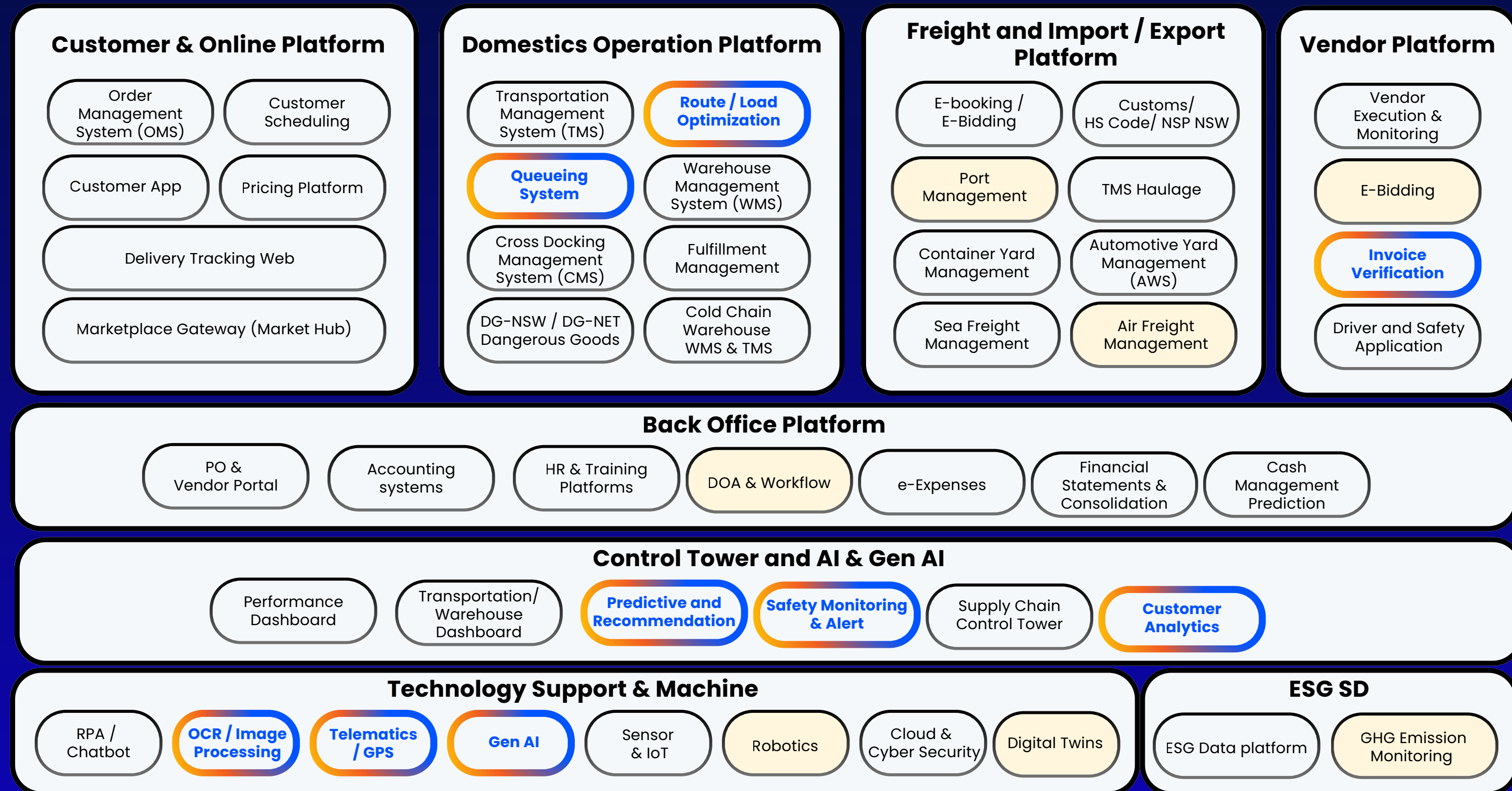
[AI + Automation]

Smart Warehouse	Intelligent Transportation Platform	Intelligent Freight Platform
AI Optimization	AI Agent for Operation	Stakeholder Collaboration Platform
Intelligent Data decision-making	AI operations research and scheduling	Intelligent Control Tower
AIoT	AI Vision	Robotic Automation

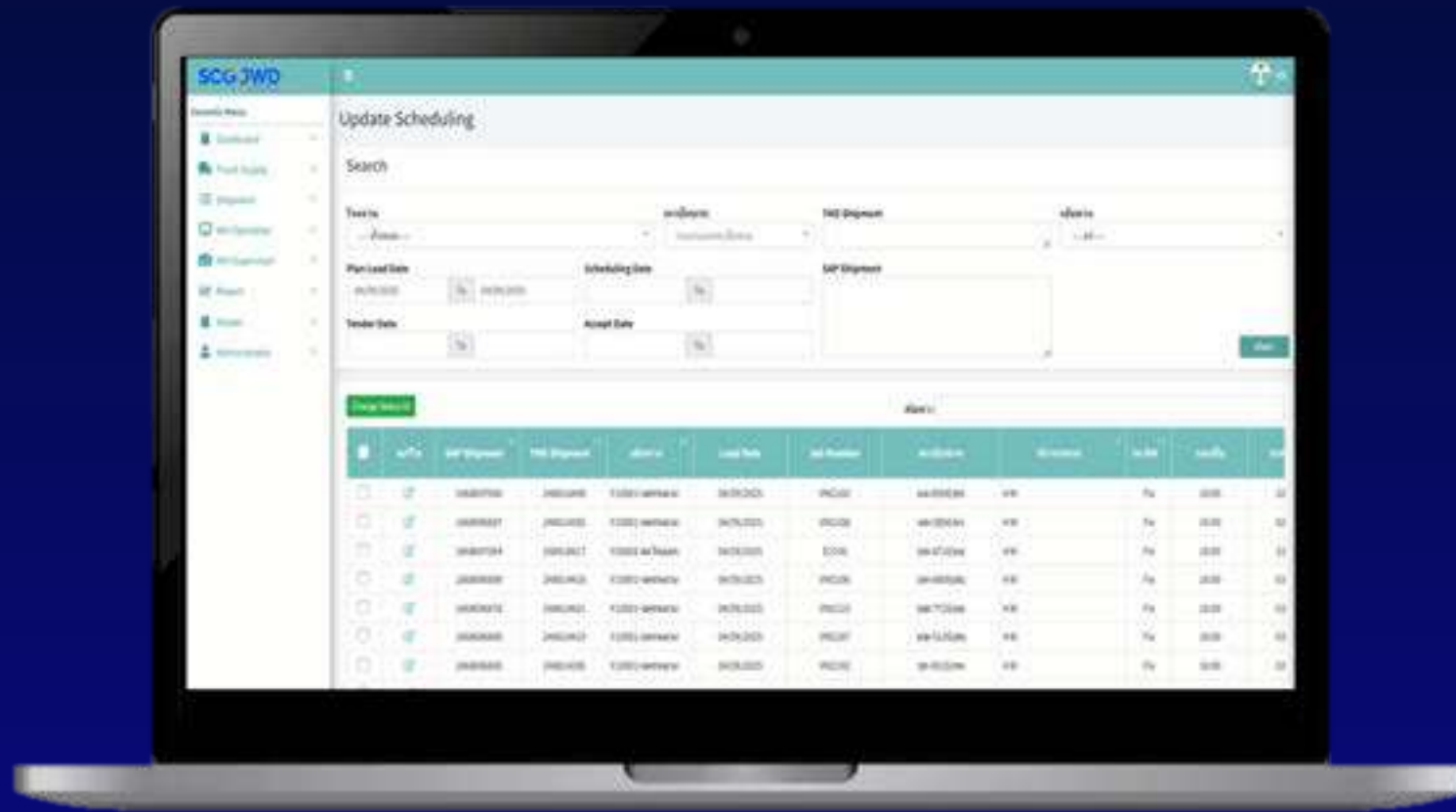
AI & Technology Transfromation

SCGJWD AI IN DIGITAL LOGISTICS SUPPLY CHAIN

Our vision is to integrate Digital, Technology, and AI into a single, unified "ecosystem" where every process is perfectly connected.



SCGJWD USE CASE : 1. AI Queuing system & Multi-pick



Challenge :

- Low delivery completion rate
- Excessive truck waiting times
- Low operational efficiency

Solution :

- Optimization model to identify the most efficient delivery sequence
- Dynamic queue adjustment in real time
- Seamless integration between warehouse and transportation systems

Impact to Value chain :

- Increase seamless operation between transport and warehouse around 70% lead to increase throughput and on time delivery
- Increase driver ready to ship on time around 50%

Key Stakeholder :

- Customer Manufacturers & Multiple transportation services
- Carrier Network

Key Customer :



Economic Return to Business :

↓ 30% Reduced Factory Waiting Time

↑ 50% Increased Delivery on time

↑ 50% Increase customer satisfaction by shipment

SCGJWD USE CASE : 2. AI Automate Inventory Replenishment

Rolling ABC Analysis

90 days update everyday

Item	Description	Quantity	Value	Weight	Frequency	Score	Category
1	...	...	...	...	...	...	A
2	...	...	...	...	...	...	B
3	...	...	...	...	...	...	C

Demand Forecasting

SKU (Unit per day)



Check available, last movement in WMS database

Item	Description	Quantity	Value	Weight	Frequency	Score	Category
1	...	...	...	...	...	...	A
2	...	...	...	...	...	...	B
3	...	...	...	...	...	...	C

Inventory Level Monitoring

using Replenishment



Challenge :

- Demand Uncertainty
- Manual Complexity
- No SKU Prioritization
- Lead Time Blind Spot
- Warehouse Burden
- Low Visibility & Collaboration

Solution :

- Demand forecasting SKU per day
- Automate replenishment without fix calculation
- Meet online platform SLA -> Stock at CDC enough
- Optimize stock and storage

Impact to Value chain :

- Control and reduce dead stock.
- Increase inventory turnover to at least 10%.
- Ensure end-customer satisfaction with automated safety stock control.

Key Stakeholder :

- B2b2c customers

Economic Return to Business :

90% Forecasting Accuracy

10% Increase Turnover Ratio

<1% Reduce Stockout Rate

Cost Saving in storage fee

Key Customer : COTTO



verasu

SCGJWD USE CASE : 3. AI Customers Analytics



Challenge :

- Fragmented Data
- Incomplete Customer View
- Manual Analysis
- Lack of Personalization

Solution :

- Unified Data Platform
- Predictive Analytics
- AI-driven Segmentation
- Automated Insights
- Churn Prediction

Impact to Value chain :

- Enables targeted cross sell & up selling
- Customer insights for effective campaign launches
- Supply chain insights adds value beyond basic logistics

Key Stakeholder :

- B2b2c customers

Economic Return to Business :



Higher Conversion Rates



Cross Sell & Up Selling



Deeper Customer Insights

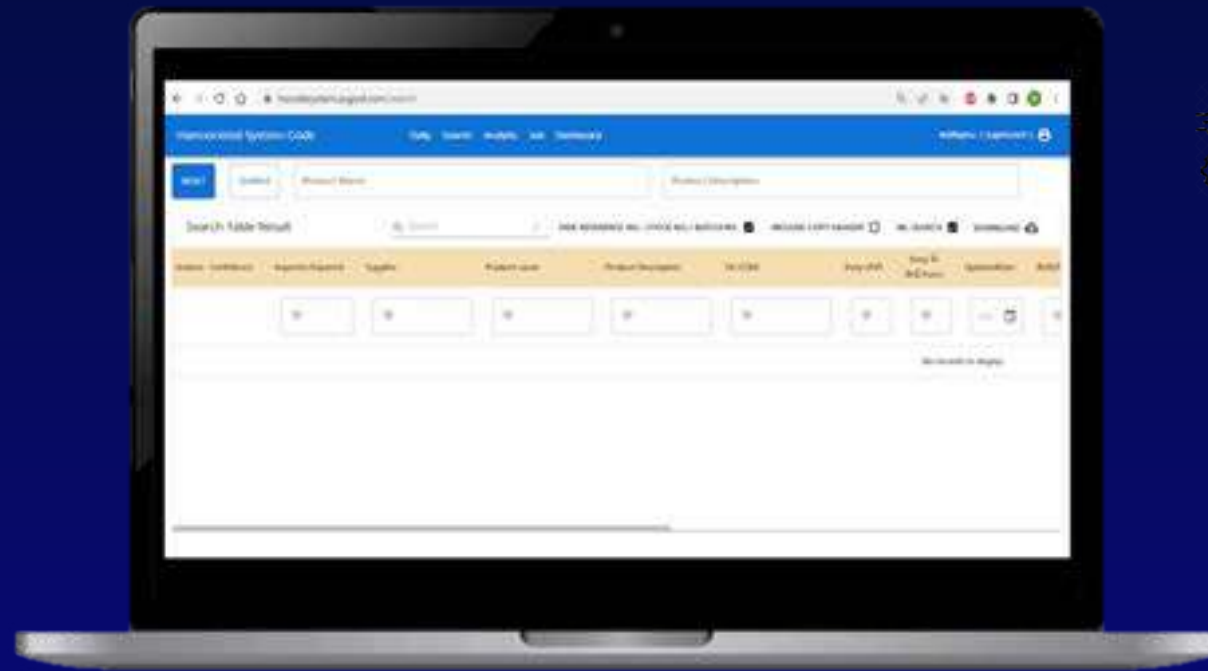


Targeted Marketing

Key Customer : COTTO



SCGJWD USE CASE : 4. HS Code Recommendation System



NLP model
Machine Learning

HS code recommendation

8536.50.99-000/KGM

country	us:inn	us:inn:pos	us:inn:pos
85	36	50.99	000/KGM
HS1	→ HS2	→ HS3	→ HS4

Challenge :

- Manual classification
- New product difficulty
- Compliance risk
- Urgent shipments

Solution :

- Auto-matching
- Machine learning classifies products
- Centralized platform
- Easy search: Quickly finds codes

Impact to Value chain :

- Enhances customs clearance efficiency
- Improves compliance and reduces risk
- Facilitates quick onboarding of new products or clients

Key Stakeholder :

- Customs Clearance customer in Freight business

Economic Return to Business :



Faster Customs
Process



80% Auto suggest
Accuracy

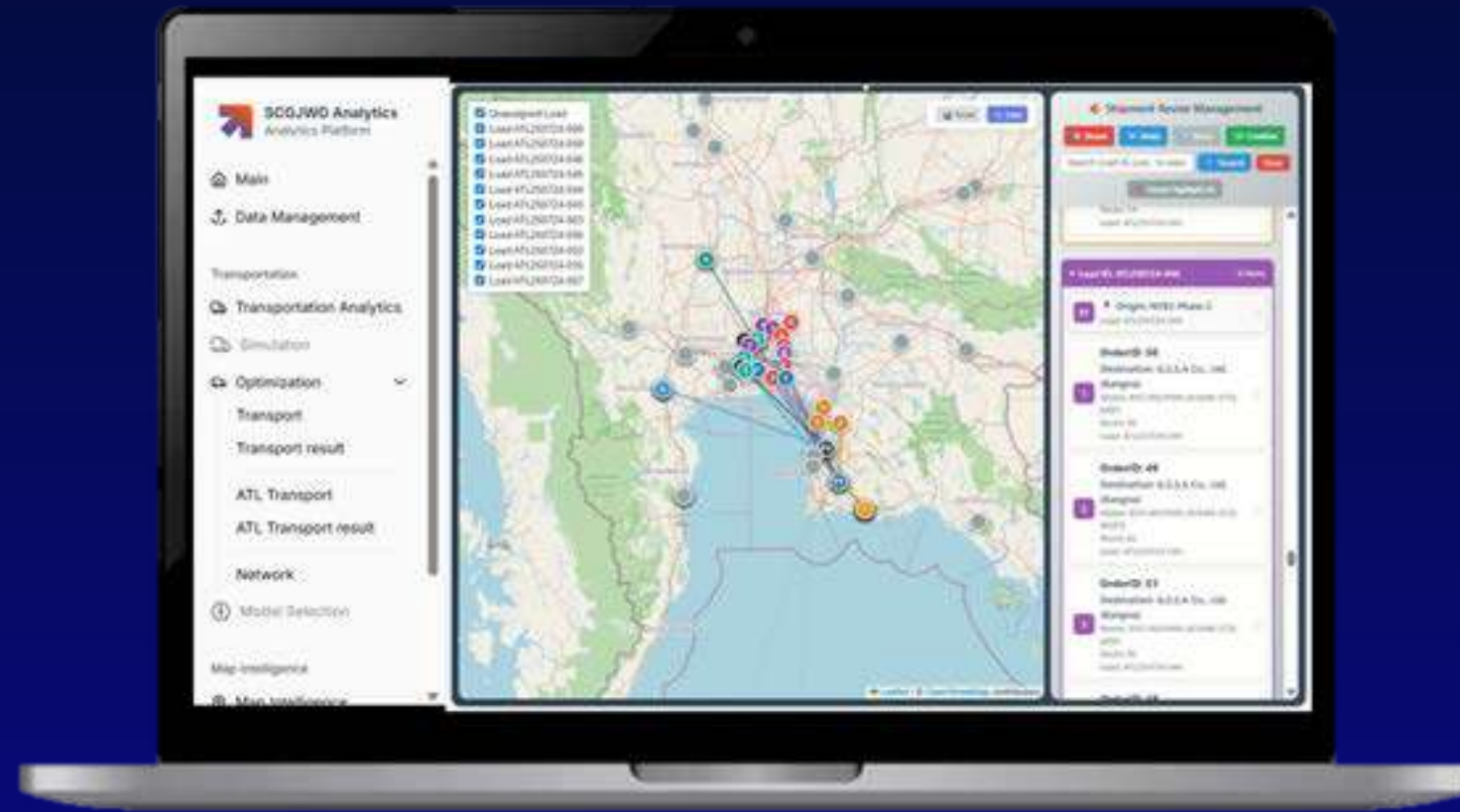


Reduce Missing
Urgent Work



Compliance
Assurance

SCGJWD USE CASE : 5. Route Optimization



Challenge :

- High cost in last-mile logistics
- Time-consuming load planning
- Manual parameter
- Inconsistent efficiency

Solution :

- AI-powered route optimization platform
- Automated scheduling & dynamic re-planning:
- Integration with Transport Management System, Driver application

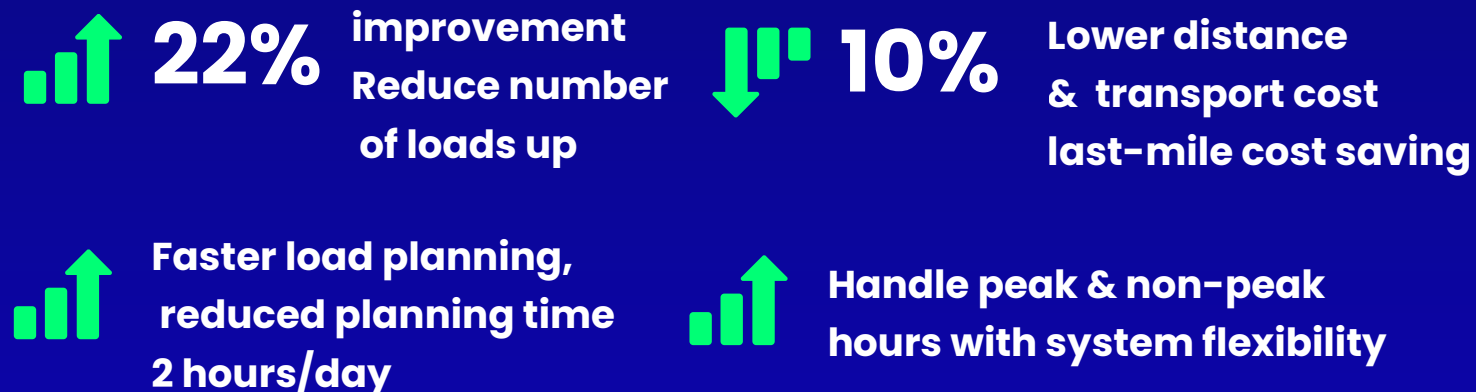
Impact to Value chain :

- Improve service reliability
- Minimize fuel usage and lower total logistics costs.
- Enhance operational efficiency with shortens planning time.

Key Stakeholder :

- Customers, Carriers, Drivers

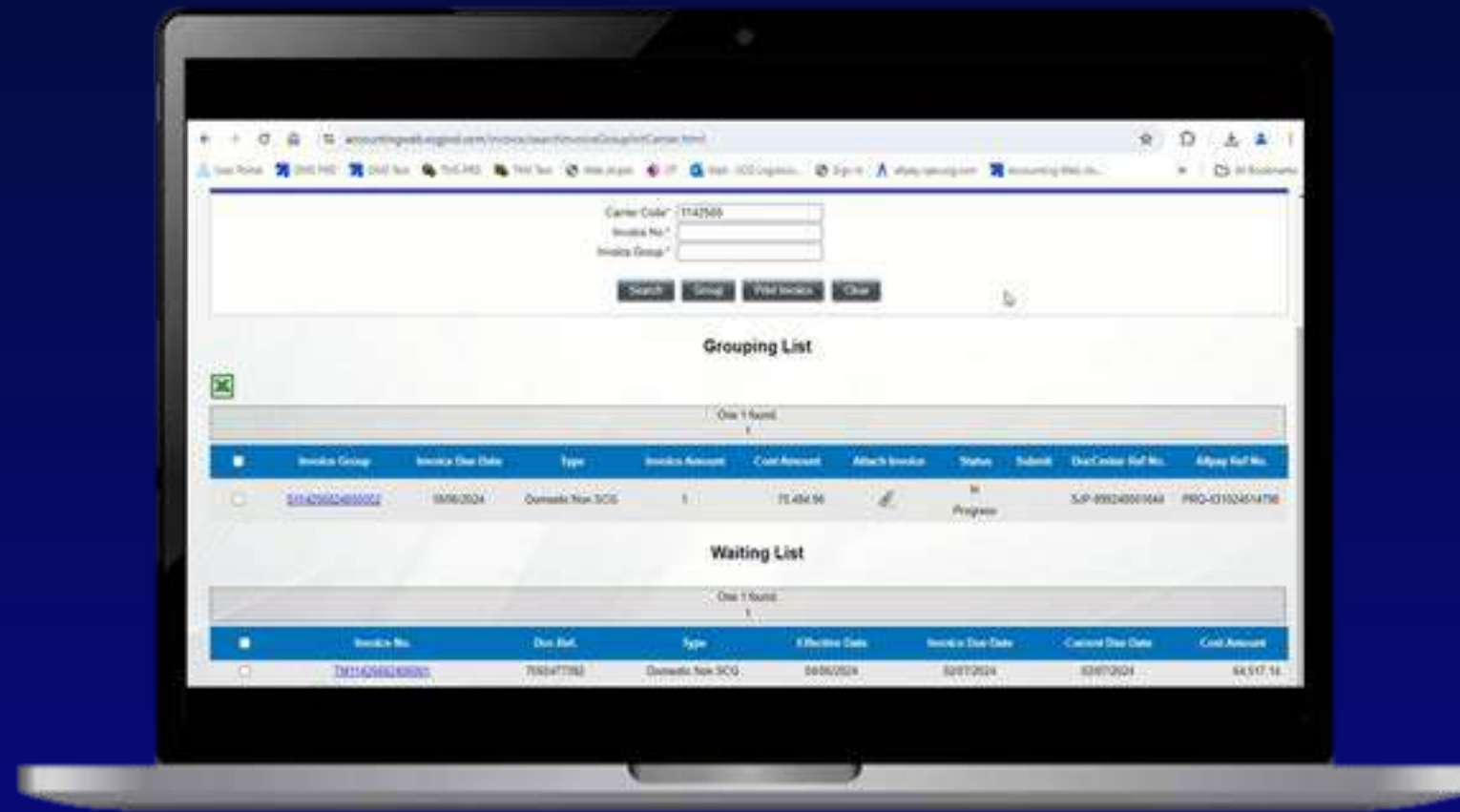
Economic Return to Business :



Key Customer :



SCGJWD USE CASE : 6. Document Management System with Agentic



Challenge :

- Manual Document Review
- Time-Consuming Process
- High Human Error Rate
- Paper-based Invoices

Solution :

- Agentic Document Extraction with AI-Powered
- Automated Data Extraction
- Document Validation

Impact to Value chain :

- Accelerates document processing and reduces cycle time
- Improves data accuracy and reduces operational risk
- Enables seamless digital operations and compliance

Key Stakeholder :

- Document Control & Compliance Teams, Back-office Staff

Economic Return to Business :



AI & Technology Transfromation

SCGJWD AI & TECHNOLOGY TO PEOPLE CULTURE



AI Training Plan for Training Need 2025 Development of Digital & Innovation Literacy

" PEOPLE DEVELOPMENT IN THE DIGITAL ERA TO DRIVING SUSTAINABILITY "

Digital Skills

AI & Gen AI

- AI for Management
- AI 101 : For All (ChatGPT , Canva, AI for HR)
- Training with AI Tools (SQL & Power BI)
- Low code workflow Advance for Developer/Beginner User

Cybersecurity

- Cybersecurity for Executives and all Employee
- Cybersecurity for Technical Specialists

CDP : Customer Data Platforms

- Data Driven Approach Workshop

Innovation Skills

Leading Innovation

- Brain and Thinking
- Critical Thinking
- Innovative Thinking
- Business Model Innovation

Project Management

- Project Management Processes & Charter
- Project Stakeholder Management
- Project Risk Management
- Project Scope & Cost Management
- Project Time Management

INNOVATION AWARDS

SCGJWD Innovation Awards to promote the initiative and innovation development among its employees to further the operation process, develop the logistics business and technology



AI & Technology Transfromation

SCGJWD AI & TECHNOLOGY IN CYBER SECURITY

Cyber In Action

- Cyberattack Simulation
- Management of Vulnerable Channels
- Digital Identity Protection
- Data Leakage Prevention

Setup Framework to identify cyber risk

- assess the risk of cyber attack

Assessment and Certify Roadmap

- Certified ISO27001
- Cybersecurity Org.
- Internal Audit



Cyber Security standardization

- Policy, Procedure, Standard
- Gap analysis for ISO Standards 27001



SET AWARDS 2025

Sustainability Excellence



Content

1 ABOUT SCGJWD

at a Glance, Nationwide Network, Logistics & Supply Chain Solution
Vision Mission & Strategy and Business Structure

2 GEOPOLITICS AND ECONOMIC SLOWDOWN RESILIENCE STRATEGY

Building Resilience through strategic implementation for long term goals

3 CLIMATE ACTION

to capture opportunities and drive sustainable growth

4 AI & TECHNOLOGY TRANSFORMATION

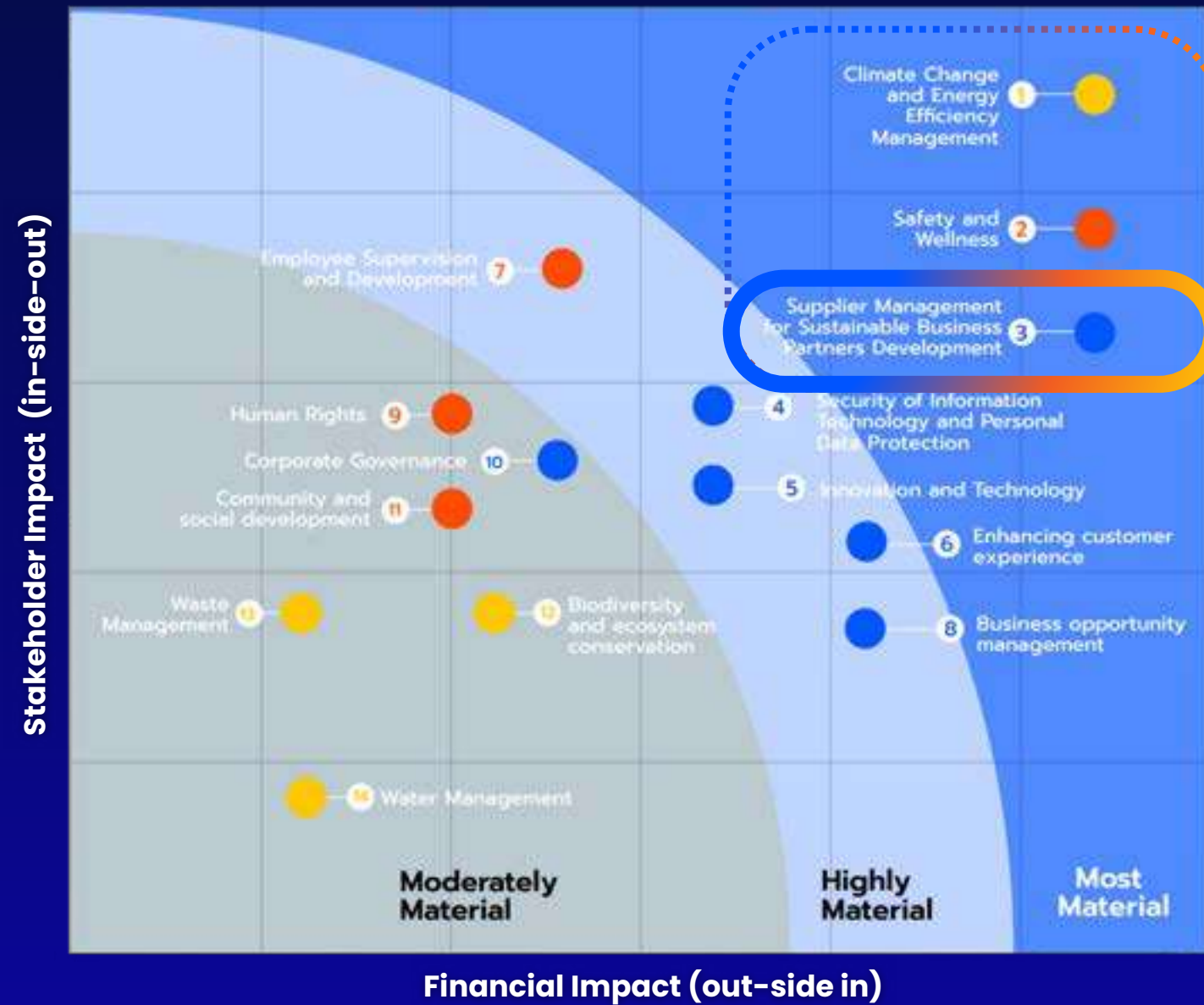
Enhance business competitiveness and create value across the Digital logistics

5 SUSTAINABILITY MATERIALITY ISSUES

to driving long-term business sustainability and maintaining competitive advantage

Sustainability Materiality Issues

SCGJWD DRIVING SUSTAINABLE COMPETITIVENESS



Sustainability Materiality Issues :

SUPPLY CHAIN DEVELOPMENT

most important for sustainable business operations and maintaining long-term competitiveness.

Strategic & Response :

STRENGTHEN CARRIER NETWORK

Strategic Directions :

Carrier Network Management & Development

Strategic Goals :

3S

- Strengthen Competitiveness
- Safety Commitment
- Sustainability Development

Risks:

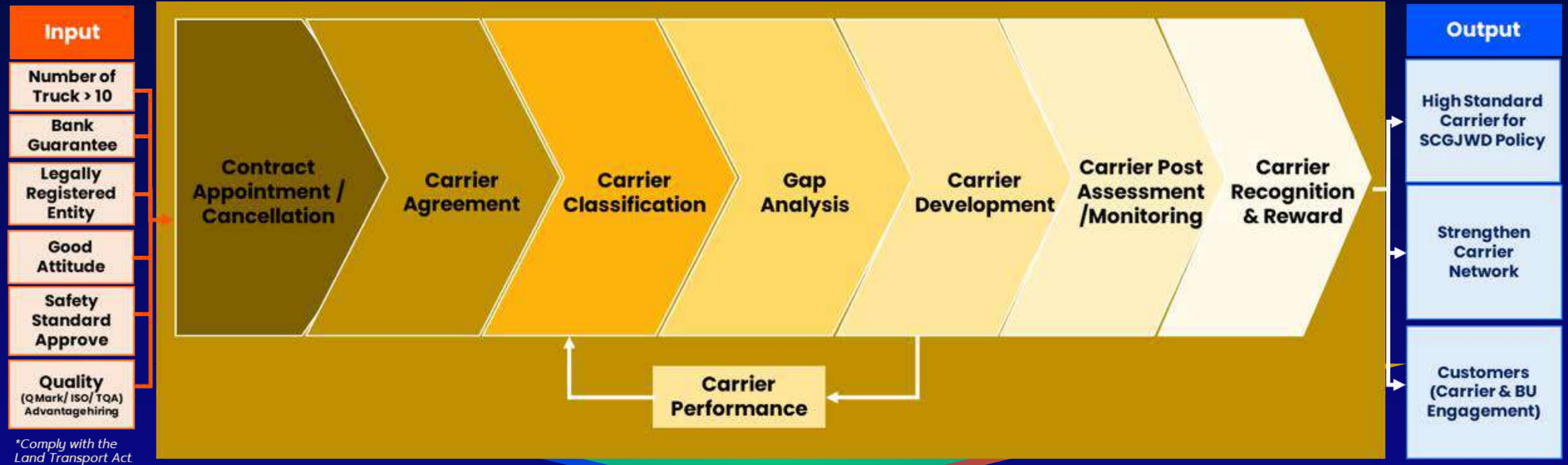
- **SCGJWD manages Right Assets Model** by network of 450 transport partners (120 key partners) and a fleet of 14,000 vehicles.
- **High Risk management and control the Services Quality** by Carrier Network which an negatively impact service quality and customer trust.

Key Challenges & Opportunities:

- **Conversely, with an efficient and capable carrier network**, SCGJWD can expand business opportunities and strengthen its competitive edge.
- **Strengthen Carrier Network creates opportunities** for SCGJWD to enter higher-value segments and drive growth.

Sustainability Materiality Issues

SCGJWD CARRIER NETWORK MANAGEMENT SYSTEM



"WIN - WIN - WIN"



3S STRATEGIES	S1 : Strengthen Competitiveness	• EFFICIENCY MANAGEMENT • SUPPLY & DEMAND SHARING • SOURCING MANAGEMENT • JOB ALLOCATION
	S2 : Safety Commitment	• CARRIER AUDIT • TRUCK MAINTENANCE PROGRAM
	S3 : Sustainability Development	• SUSTAINABILITY DEVELOPMENT

Sustainability Materiality Issues

SCGJWD CARRIER NETWORK MANAGEMENT SYSTEM

S1 : Strengthen Competitiveness

S2 : Safety Commitment

S3 : Sustainability Development

- **EFFICIENCY MANAGEMENT**

- To strengthen power of carrier's network to have more competitive advantage than competitors by **"Efficiency Fleet Management"**



Head haul Backhaul Matching



Fleet Utilization



Optimization



Consolidate

- **DEMAND & SUPPLY SHARING**

- Greater potential for revenue growth together.
- SCGJWD need more trucks in every region of Thailand : Flatbed truck, Dump truck, Bulk Cement truck and Trailer truck.

- **SOURCING MANAGEMENT**

- Continuous and Cost-efficiency procurement for operation efficiency.
- Plan expand product: Lubricant, Battery and Logistics equipment.

- **JOB ALLOCATION**

- Commitment to volume growth for long-term Sustainability.

Sustainability Materiality Issues

SCGJWD CARRIER NETWORK MANAGEMENT SYSTEM

**S1 : Strengthen
Competitiveness**

**S2 : Safety
Commitment**

**S3 : Sustainability
Development**

CARRIER DEVELOPMENT & CARRIER NETWORK MANAGEMENT

CARRIER
CRITERIA

CARRIER
ASSESSMENT

CARRIER
GAP ANALYSIS

CARRIER
INDIVIDUAL
DEVELOPMENT

CARRIER
CLASSIFICATION

CARRIER
RECOGNITION



CARRIER AUDIT CRITERIA



CARRIER CLASSIFICATION



CARRIER RECOGNITION & REWARD

• TRUCK MAINTENANCE PROGRAM

- Vehicles exceeding the age limit must undergo an annual Inspection at a certified service center with a clear and verifiable vehicle health monitoring system.

- TRUCK STANDARD
- TRUCK INSPECTION PROCESS*
*at least 77 items
- INSPECTION RESULT

PLAN TRUCK
INSPECTION
ANNUALLY

TRUCK INSPECTION BY
3RD PARTY & REPAIR
BEFORE USE

RECORD RESULT OF
TRUCK INSPECTION IN
LND SYSTEM

TRUCK PREVENTIVE
MAINTENANCE

AUDIT BY
SCGJWD



Sustainability Materiality Issues

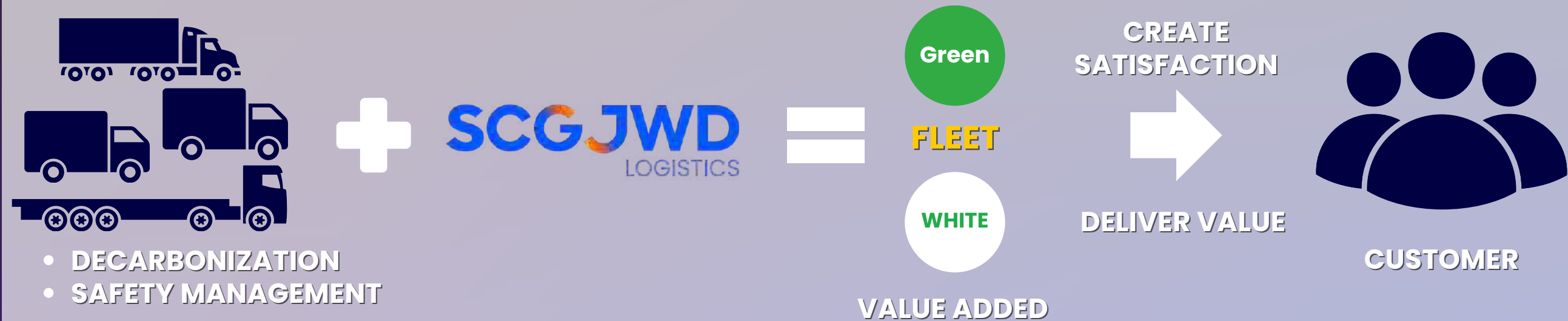
SCGJWD CARRIER NETWORK MANAGEMENT SYSTEM

**S1 : Strengthen
Competitiveness**

**S2 : Safety
Commitment**

**S3 : Sustainability
Development**

CARRIER DEVELOPMENT & CARRIER NETWORK MANAGEMENT



CARRIERS AND DRIVERS DEVELOPMENT TRAINING PROGRAM BY				LOGISTICS academy
Development Program	Environment	Social	Governance	Others
• Executive	• Decarbonize	• Top Executive Program in Logistics (TEP LOG)		• Accounting and Finance
• Young Executive	• Decarbonize	• New Gen Executive Development in Logistics	• ESG DNA	• Truck Preventive Maintenance
• Manager				• Transportation Planning and Control
• Transport Officer	• CFO • ISO14001	• Q Mark • ISO 39001	• Transportation Safety Manager • Safety Officer	• IT and Data Management in Transportation
• Truck Driver	• Eco-Drive	• SDC/ SDCR • Smart Driver • Professional Driver • Senior Driver	• Driving License	-

ACTIVITIES FOR DEVELOPMENT

Carrier Green Fleet

- ESG Policy
- BH Matching & Eco-Drive & EV Truck
- LESS & CFO

Carrier White Fleet

- Smart Driver
- Telematics Technology
- Q Mark & ISO39001

Green Symbolic

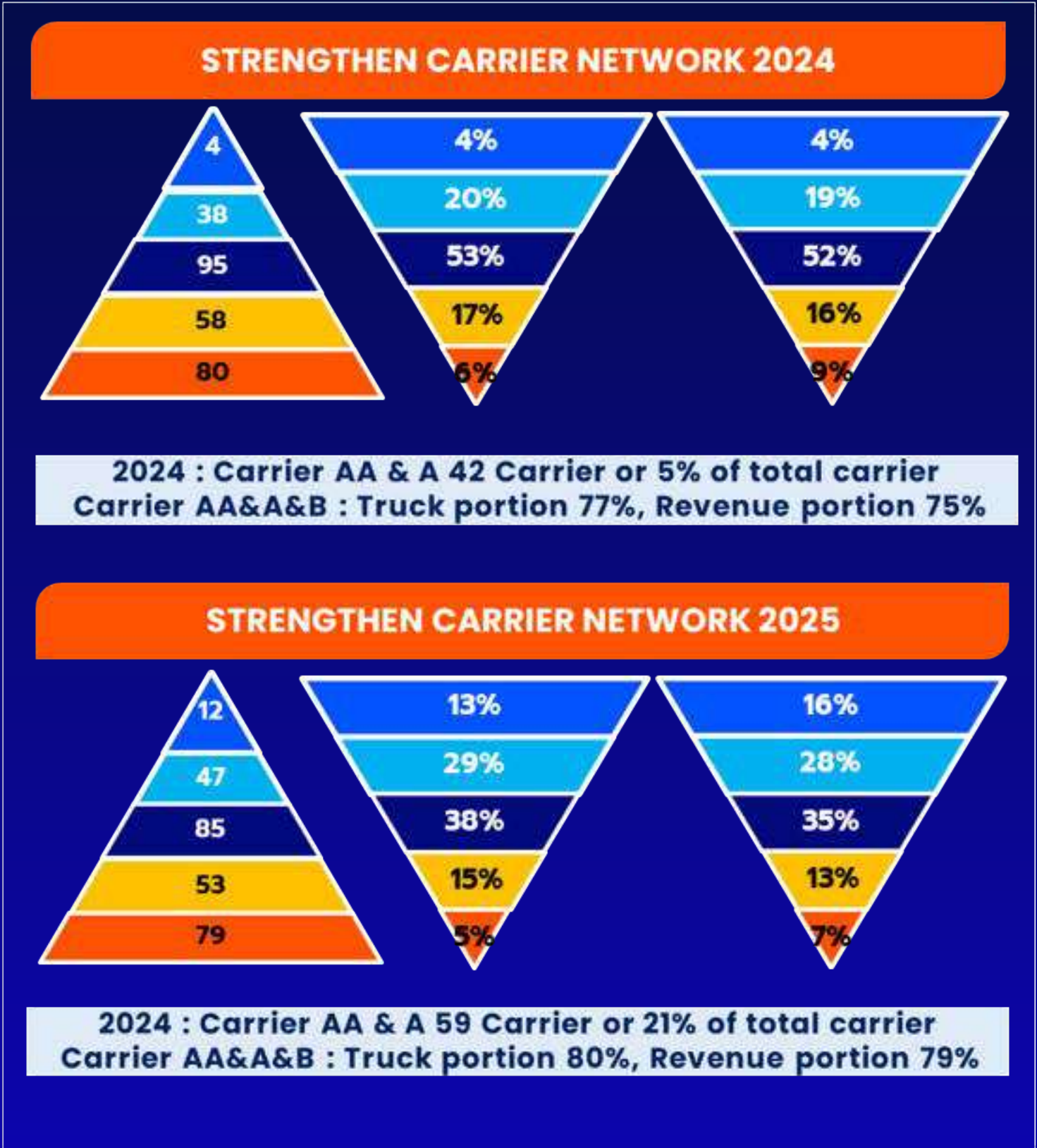
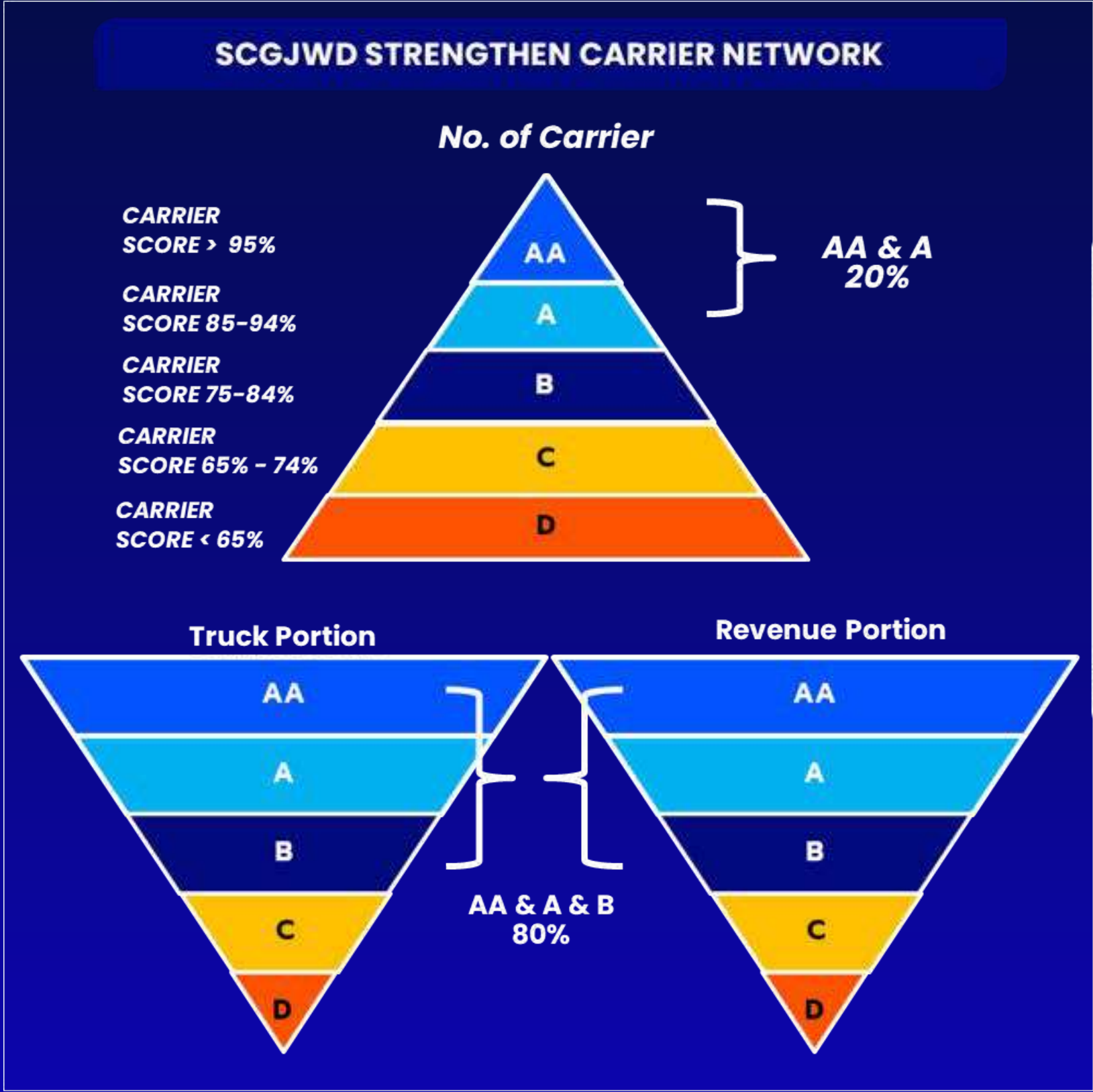
- Green Logistics Activities
- LESS Certificate



Top Carriers Award

Sustainability Materiality Issues

SCGJWD CARRIER NETWORK MANAGEMENT SYSTEM



Carrier	Year	Carrier Class	SCGJWD SCORE 100%	Safety Mgt. 30%	Quality Mgt. 25%	ESG 5%	Green Logistics 10%	Major Rate 5%	Minor Rate 5%	Alert/Truck 5%	Complaint 5%	CO-Safety 5%	CO-Operation 5%	No. of Trucks
BUANSOON TRANSPORT GROUP	2024	A	93.08%	27.60%	25.00%	3.42%	7.06%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	54
	2025	AA	95.78%	28.34%	25.00%	4.21%	8.24%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	47

Gap Analysis

- **ESG** : The organization has not yet established a business Code of conduct and implemented an Anti-Corruption Policy.
- **Green Logistics** : Activities related to fuel consumption reduction and resource efficiency have not yet been implemented., and Greenhouse gas data collection has not been initiated.
- **Smart Driver** : The organization seeks to increase the number of Smart Drivers.

Activities

KPIs

- Zero Accident
- Safety Audit Score 96%
- Smart Driver 85%
- Green logistics Score 8%

Next Step

- CFO Certificate
- LESS Certificate



Winner of the Quality Management Award 2024



Participated in the "Go Together" project and Decarbonize Training



Collaborated on the EV Vehicle Project with BU Packaging and Install Solar Rooftop



Installed Telematics and Monitor and Collaborating with SCGJWD to implement the Smart Driver project.

SCGJWD USE CASE : Green Fleet By Green Carrier With (Green Symbolic Boonpakorb)

The business partner has complied with the Green Logistics requirements at a level greater than 80%

The business partner has implemented activities to reduce fuel consumption. Can reduce CO₂ equivalent emissions for more than 50% of the fleet.

The business partner has applied for certification of greenhouse gas emission reductions through the LESS project by TGO.



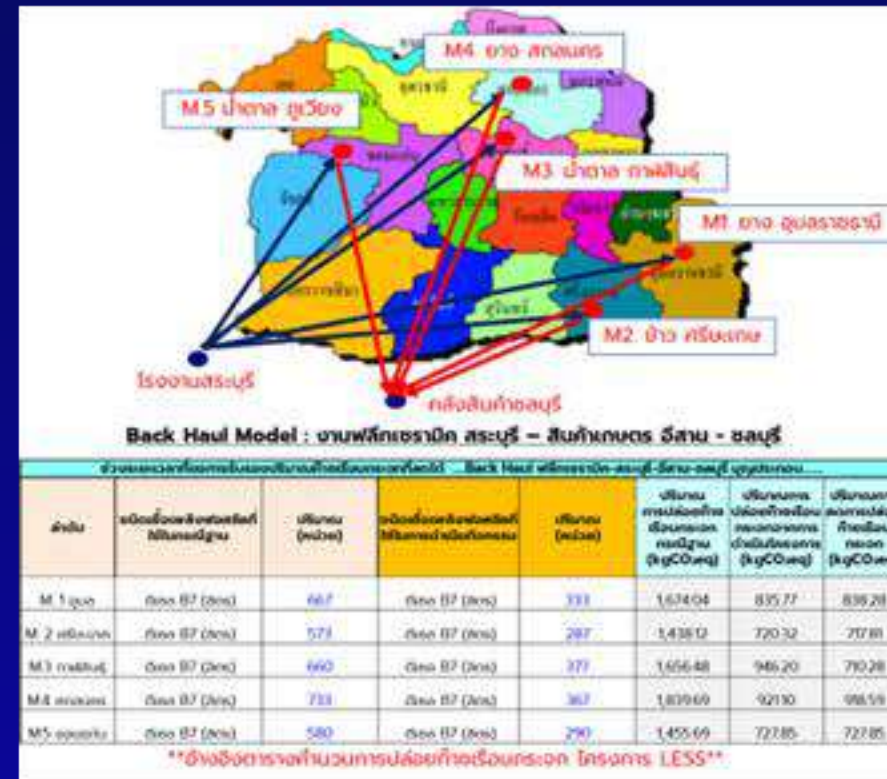
Next Step

- Carrier CFO Certificate
- New Procurement Playbook For Green Logistics

Activities

Green Logistics Assessment Topics¹

1. Establish and communicate the environmental policy within the organization.
2. Promoting knowledge on Green Logistics or environmental impacts.
3. Developing action plans to reduce the consumption of fuel, electricity, and water.
4. Promoting energy-saving activities such as Backhaul Matching, ECO Driving, and the use of EV Trucks.
5. Prepare baseline data documentation for the assessment of greenhouse gas (GHG) emissions.
6. Encourage the acquisition of environmental certifications and recognitions, including ISO 14001, Carbon Footprint for Organization (CFO), LESS program, and Green standards.



Received the ESG Excellence Award in 2024.



- Apply for LESS certification for transportation activities (Backhaul Matching with 85 tCO₂eq greenhouse gas reduction).
- Apply for LESS certification for renewable energy usage (solar panel installation resulting in a reduction of 27 tCO₂eq in greenhouse gas emissions).
- Green Fleet (23 trailers out of a total of 26, accounting for 88%).

KPIs

➤ Green Logistics Score 94%

EMPOWERING
BOUNDLESS
POSSIBILITIES

SCG JWD
LOGISTICS

SET AWARDS 2025

Sustainability Excellence

Q & A

EMPOWERING
BOUNDLESS
POSSIBILITIES

SCG JWD
LOGISTICS

Appendix



OUR STRENGTH



Ability to serve full spectrum & seamless integrated logistics & supply chain solutions in ASEAN



Insightful & experience of serving both high-value added and industrial segments



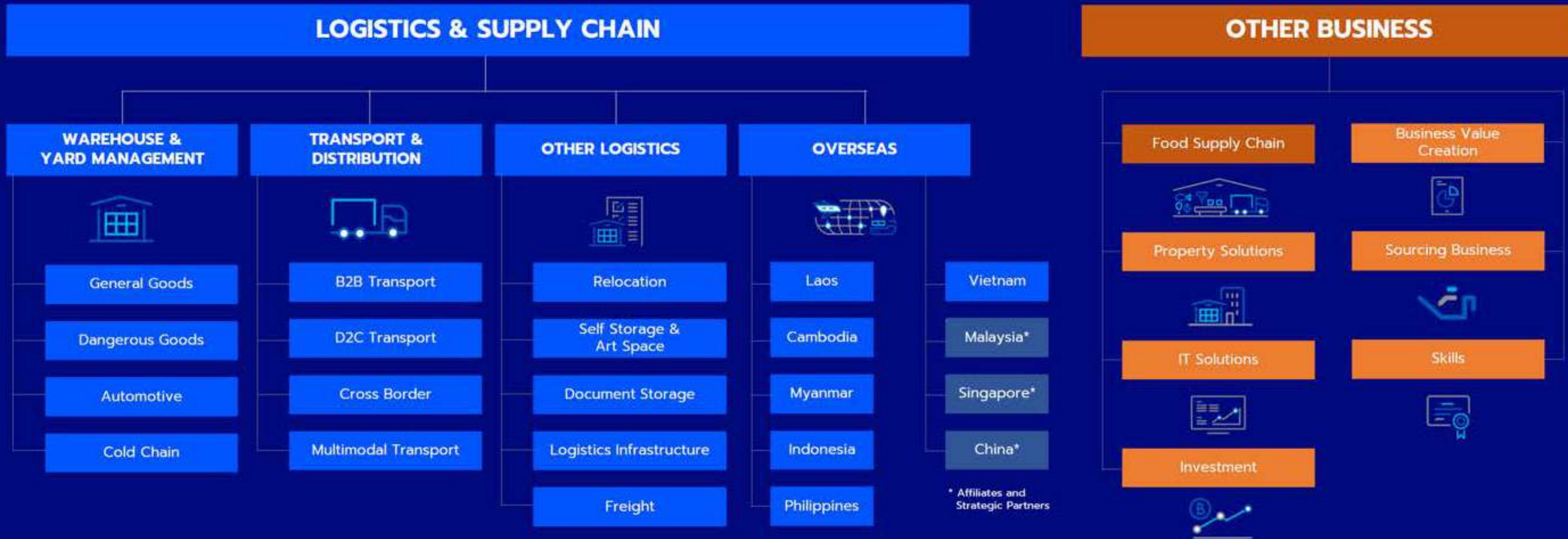
Digitalization and innovation to ensure highest level of service, safety and sustainability



Strategic locations covering 9 ASEAN countries + China

SCGJWD BUSINESS STRUCTURE

2 Core Businesses: (1) Logistics & Supply Chain and (2) Other Business



BUSINESS STRUCTURE OVERVIEW

LOGISTICS & SUPPLY CHAIN

22,064.9 MB 89.3%

Transport & Distribution
12,275.2 MB **49.7%**

Warehouse & Yard Management
3,742.7 MB **15.1%**

Overseas
3,589.3 MB **14.5%**

Other Logistics
2,457.6 MB **9.9%**

OTHER BUSINESSES

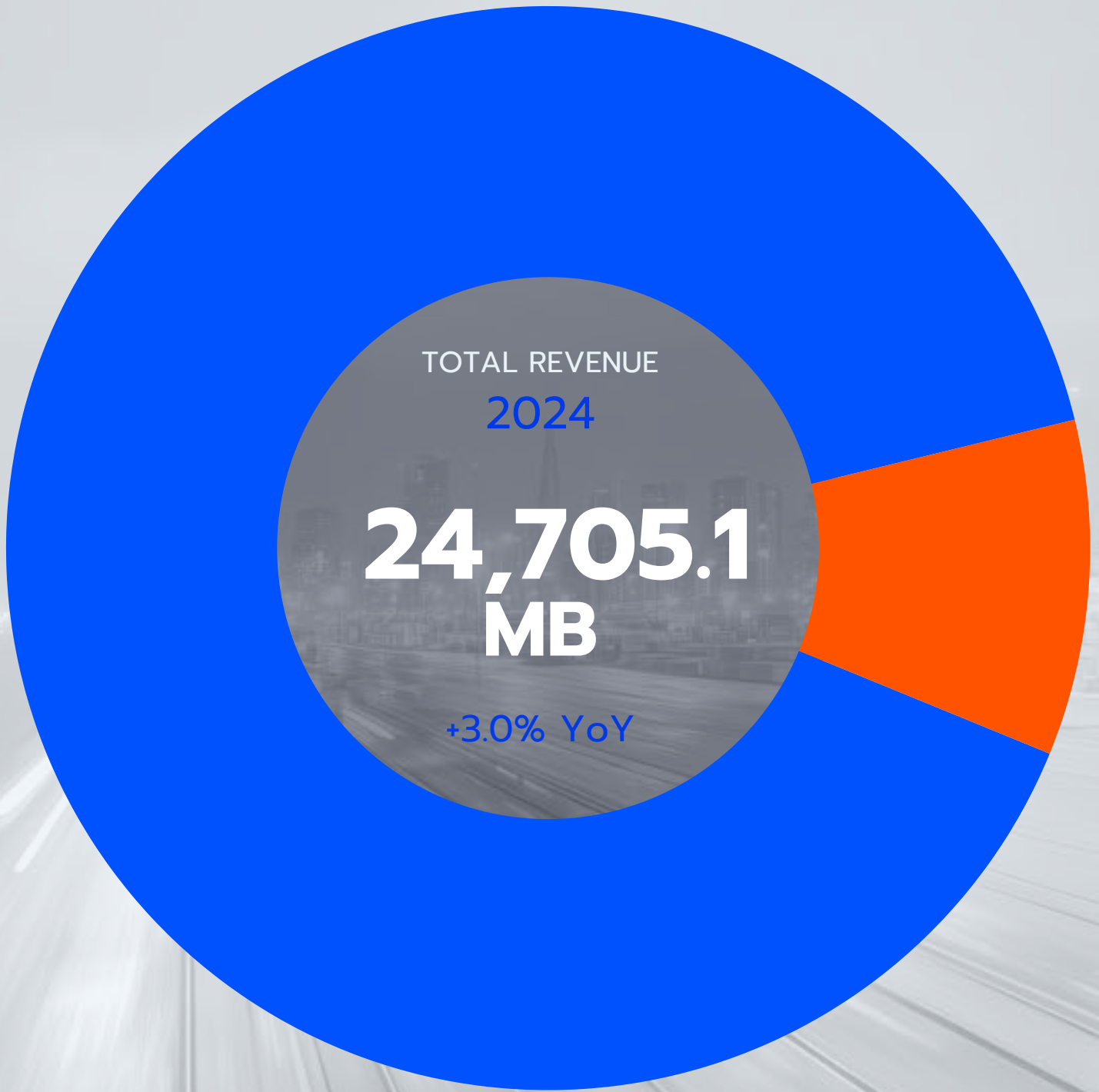
2,640.2 MB 10.7%

Sourcing Business
1,541.8 MB **6.2%**

Food Supplychain
586.9 MB **2.4%**

Other Businesses
310.4 MB **1.3%**

Other Income
201.2 MB **0.8%**



Net Profit* **1,119.1** Million Baht

*Net Profit attributable to owners of the Company

SUSTAINABILITY STRATEGY

GOVERNANCE AND ECONOMIC

SCGJWD operates businesses with transparency, fairness and honesty under the related law and regulation. Enhancing the corporate capacity in response to the changing situation in addition to supporting stakeholders in the entire supply chain.

- **Corporate Governance and Code of Conduct**
- **Cyber Security and Personal Data Protection**
- **Sustainable Value Towards Suppliers**
- **Customer Experience Creation**
- **Innovation and Value Creation**
- **Management and Opportunity Creation**

ENVIRONMENT

SCGJWD committed to the environment and climate conservation, the optimization of resources as well as the preservation of balanced and sustainable ecosystem.

- **Climate Change and Energy Efficiency Management**
- **Water Management**
- **Waste Management**
- **Biodiversity conservation and Ecosystems from business operations**

SOCIAL

SCGJWD operates its business ethically with fairness and equality for its employees – committing to optimal safety in the operation and social responsibility and promoting the coordination with every sector for community and society development

- **Health and Safety**
- **Employee Supervision and Development**
- **Human Rights**
- **Community and Social Development**

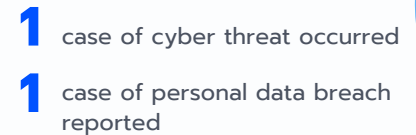
SUSTAINABILITY PERFORMANCE 2024

Corporate Governance and Economic

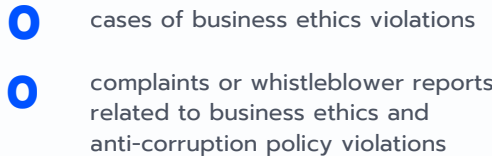
Customer Experience



Cybersecurity



Corporate Governance and Business Ethics



Supplier Management for Sustainable Business Development

Sustainable Procurement

All business partners were screened and acknowledged the Supplier Code of Conduct



Partners under the Procurement Value Criteria Assessed for ESG Performance



Labor Subcontractors Assessed for ESG Performance



Sustainable Logistics Partner Management

All logistics business partners were screened and acknowledged the Supplier Code of Conduct



Logistics Partners Assessed for Capability and Potential*



* Assessment criteria cover five key areas: 1) Quality of service 2) Safety standards 3) Management standards 4) ESG performance 5) Green logistics management

Logistics Partners Monitored and Supported for Capability Development

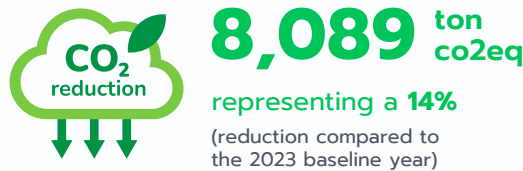


Environmental

Energy Management and Climate Change Response

Setting the Goal to Achieve Net Zero by 2030

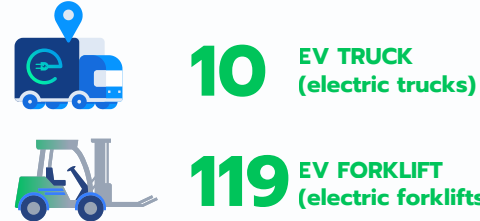
Reduced greenhouse gas emissions in Scope 1 and 2 by



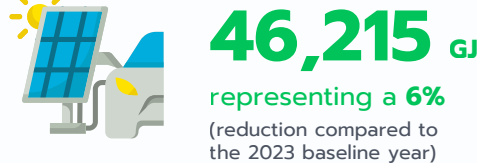
Renewable energy consumption



Adoption of electric transport and lifting vehicles

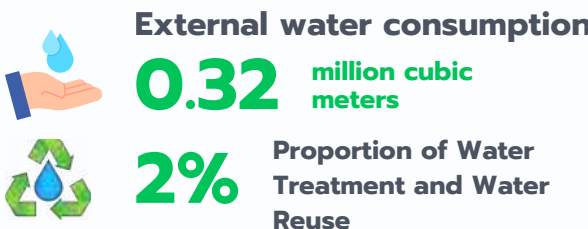


Reduced electricity and fuel consumption by



Water Management

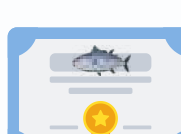
Setting the Goal to Reduce Water Consumption by 10% by 2027



Waste Management

0 tons of hazardous and non-hazardous waste from processes sent to the landfill

Biodiversity and Ecosystem Conservation



Pursuing MSC (Marine Stewardship Council) and ASC (Aquaculture Stewardship Council) certifications for temperature-controlled warehouse operations

Social

Occupational Safety and Health

Lost Time Injury Frequency Rate (LTIFR) in warehouse operations



Total injuries (all severity levels) from transportation (ppm)



Total recorded work-related injuries and illnesses



Drivers trained in safe driving courses with SCGJWD Logistics Academy



Employee Care and Development

Employee Engagement Level



Human Rights

0 cases of human rights violations

0 complaints or whistleblower reports regarding human rights misconduct

Employees have completed human rights training and assessment through the Code of Conduct course



EMPOWERING
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SCGJWD
LOGISTICS
SCGJWD LOGISTICS PUBLIC COMPANY LIMITED