

SET Awards ประจำปี 2568
กลุ่มรางวัล Sustainability Excellence
ด้านภาพรวมความยั่งยืน (Sustainability Awards)

นำเสนอโดย

บริษัทเอสซีจี แพคเกจจิ้ง จำกัด (มหาชน)

12 กันยายน 2568

หัวข้อนำเสนอ

1. ภายใต้ภาวะเศรษฐกิจที่มีแนวโน้มชะลอตัว (Economic Slowdown) และการเปลี่ยนแปลงด้าน ภูมิรัฐศาสตร์ (Geopolitics) ตั้งแต่ปี 2567 ที่ผ่านมา บริษัทมองเห็น “โอกาส” หรือ “ความท้าทาย” อะไรบ้าง
2. บริษัทมีแนวทางอย่างไรในการปรับตัวเพื่อตอบสนองต่อความเสี่ยงและโอกาสที่เกิดจาก การเปลี่ยนแปลงสภาพภูมิอากาศ โปรดอธิบายถึง “โอกาส” หรือ “ความท้าทาย” การวางกลยุทธ์ การบริหารความเสี่ยง
3. ในปัจจุบันที่เทคโนโลยีและปัญญาประดิษฐ์ (AI) กำลังพลิกโฉมอุตสาหกรรม องค์กรของท่านมีแนวทางอย่างไรในการทำให้ความก้าวหน้าทางเทคโนโลยีช่วยยกระดับขีดความสามารถในการแข่งขันทางธุรกิจ (Competitive Advantage)
4. หัวข้อสาระสำคัญ (Materiality Topics) จำนวน 1 ประเด็นที่มีความสำคัญต่อการดำเนินธุรกิจอย่างยั่งยืนและการรักษาความสามารถในการแข่งขันในระยะยาว โดยบริษัทสามารถเลือกประเด็นที่เกี่ยวข้องกับด้านเศรษฐกิจ สังคม สิ่งแวดล้อม หรือบรรษัทภิบาล
5. Appendix

1. ภาวะชะลอตัวทางเศรษฐกิจที่มีแนวโน้มชะลอตัว (Economic Slowdown) และการเปลี่ยนแปลงด้าน ภูมิรัฐศาสตร์ (Geopolitics) ตั้งแต่ปี 2567 ที่ผ่านมามีบริษัทมองเห็น “โอกาส” หรือ “ความท้าทาย” อะไรบ้าง

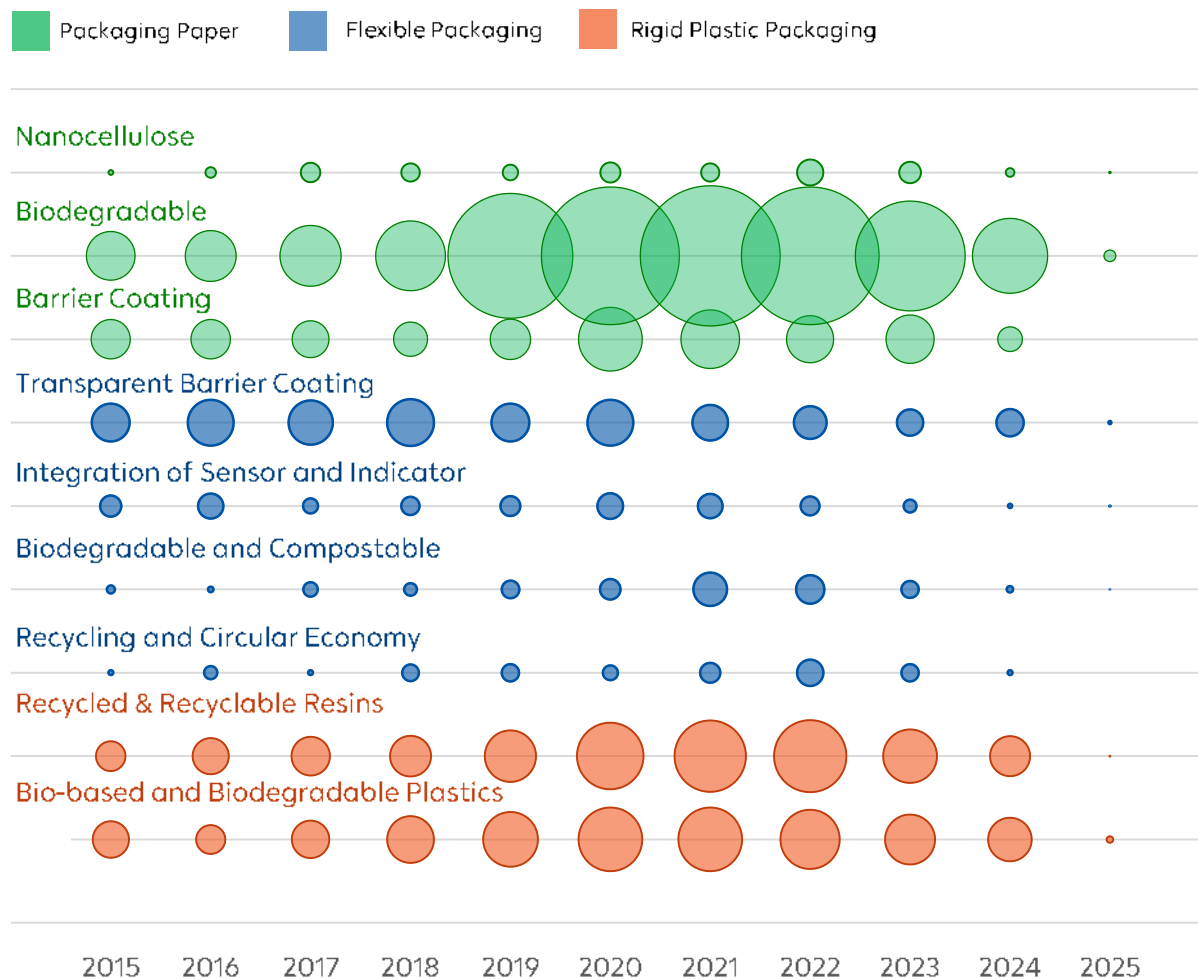
โดยนำเสนอครอบคลุมประเด็นต่อไปนี้

- โปรดระบุ “โอกาส” หรือ “ความท้าทาย”
- กลยุทธ์การดำเนินการเพื่อรับมือกับความเสี่ยงหรือโอกาสที่เกิดขึ้น ตลอดจนเป้าหมายทั้งในระยะสั้นและระยะยาว
- การดำเนินงานตามกลยุทธ์ดังกล่าว พร้อมกับผลลัพธ์เชิงคุณภาพและเชิงปริมาณ
- ผลลัพธ์เชิงเปรียบเทียบเทียบกับปีก่อนหน้า

Packaging technology and trend

Majority of technology development in paper and plastic packaging focused on sustainability and barrier technology

Number of patented packaging technology

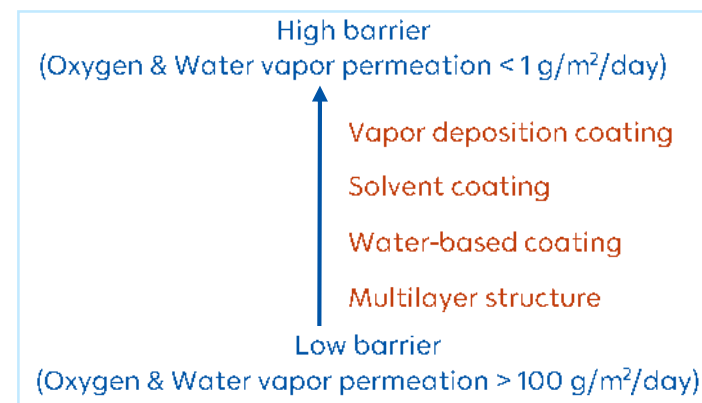


Bubble size represented to a number of patents: Smallest = 1, Largest = 251

Source: PatSnapTM and ClarivateTM patent database, 2024

Packaging trend

1 Performance: Barrier performance to minimize materials



2 Sustainability: Material development: durability, recyclability, biodegradability, composability

3 Productivity and smart & intelligent

- Structural design e.g. shelf-ready and retail-ready packaging
- Track & trace technology
- Labelling technology

4 Consumer & customer convenience

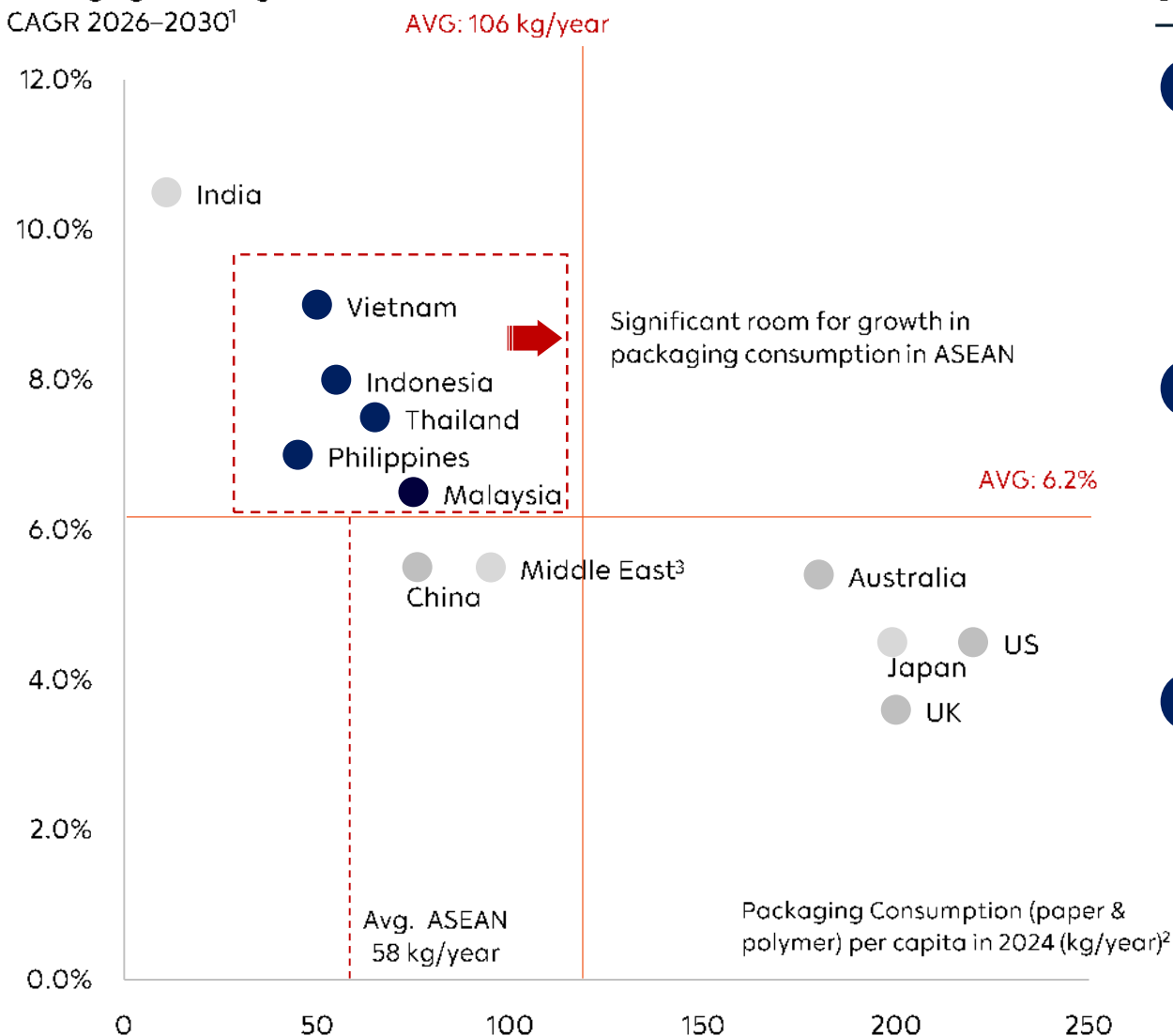
- Reclosable & resealable

Source: Winning with new models in packaging 2030, McKinsey & Company

Opportunity & Implication to packaging business

ASEAN is on course to thrive as a major leader in packaging consumption over the next 5 years

Packaging market growth
CAGR 2026–2030¹



Packaging market landscape

1 ASEAN

- Potential market growth driven by a sizable population and demand for packaged and convenience foods
- Closely aligned tariff rate across ASEAN, while accelerated diversification to other potential markets beyond China

2 China

- Opportunity to capture demand from China's relocation increased packaging paper volume +10% in Thailand
- Long-term competitiveness is a key amidst new market entrants

3 EU & US

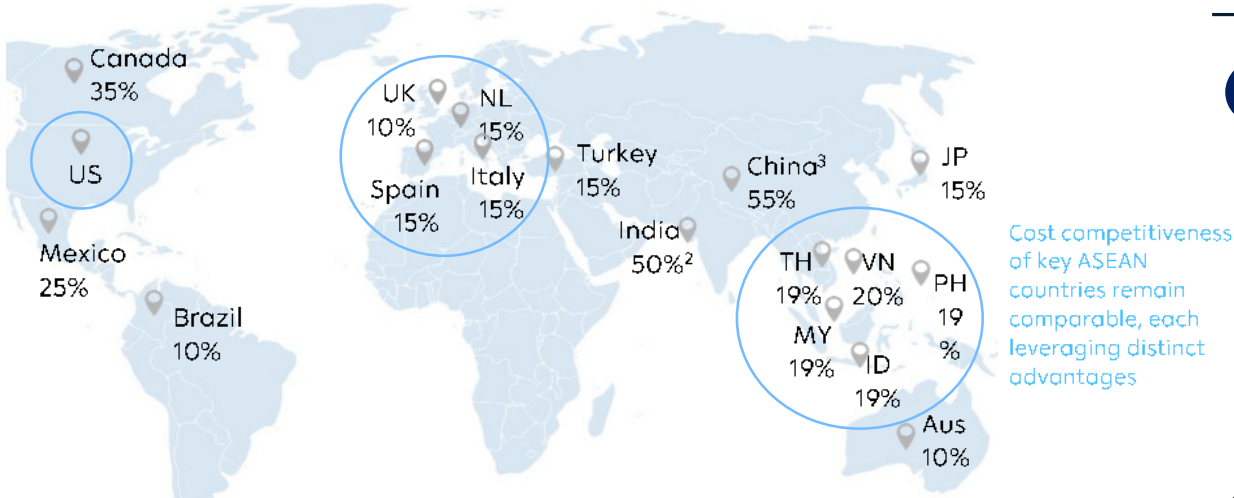
- Global packaging companies consolidation, e.g. Westrock & Smurfit, International paper & DS Smith, Berry & Amcor
- Investing in automation, customer solutions & high-efficiency plants

Data source: 1. Grand View Research and Mordor Intelligence 2. ICIS, Statista, Pulpandpapertimes, ResearchGate 3. Middle East (Saudi Arabia, UAE, Egypt)

Key Challenge: Evolving global trade flow

Strategic shifts shaping global supply chain landscape

Key countries (aligned with U.S. Reciprocal Tariff Rates¹)



Local-content rules (LCR)⁴ – require a minimum domestic input to qualify for preferential tariffs in trade agreements

Country	LCR Threshold	Key affected sectors	Risk level	Opportunity
TH	40%	E&E, processed food, Auto	High (tariff loss if <40%)	Localize and FDI attractive
VN	No formal LCR	E&E, garments, footwear	Low-medium (import flexibility)	High-tech Assembly
ID	Varies by sector (e.g. 30-70%)	E&E, Semi, shipbuilding	Medium (sector-specific)	Domestic component manufacturing
PH	25% TKDN (government procurement)	E&E, F&B packaging, Auto	Medium-High (mandatory for govt traders)	local packaging & component suppliers

Business implications

1 Redefining ASEAN manufacturing

- Decouple from China through the accelerated diversification to other potential markets to build resilience and ensure continuity
- Rebalancing global supply chain and diversify within ASEAN based on sector fit;
 - Autos/EV → TH/ID
 - Electronics → VN
 - FMCG → ID/PH

2 Onshoring to US is under consideration

Reshore to boost resilience, cut lead times, and tap U.S./EU incentives (e.g. IRA⁵, CHIPS Act⁶), despite higher labor costs

3 Nearshoring momentum to North America & Europe

Shift capacity to Mexico, particularly for goods not eligible for tariff-free USMCA⁷, and Eastern Europe/North Africa for EU-bound production especially premium products

Note: 1. U.S. White House (July 31, 2025) 2. Data as of 10 Aug 2025 (an additional ad valorem rate of duty of 40 percent for transshipment) 3. Tariffs on China: 55% (10% baseline “reciprocal” tariff on imports, 20% fentanyl trafficking levy, and 25% pre-existing tariff on China.) 4. Worldbank and USTR 5. IRA (Inflation Reduction Act) – aligned with U.S. Clean energy, domestic manufacturing, and decarbonization goals 6. CHIPS and Science Act: - to strengthen domestic semiconductor manufacturing, R&D, and supply chain security. 7. USMCA stands for the United States–Mexico–Canada Agreement.

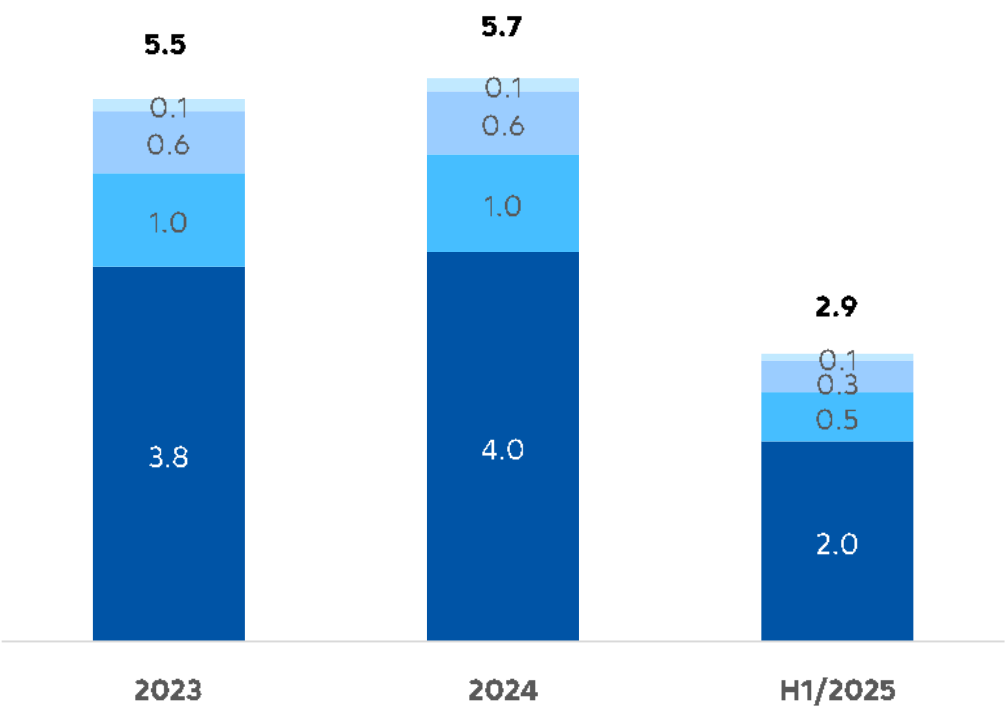
Strategic implementation review

Focus on ASEAN domestic growth and portfolio diversification

Sales volume by business units¹

Unit: Million Ton

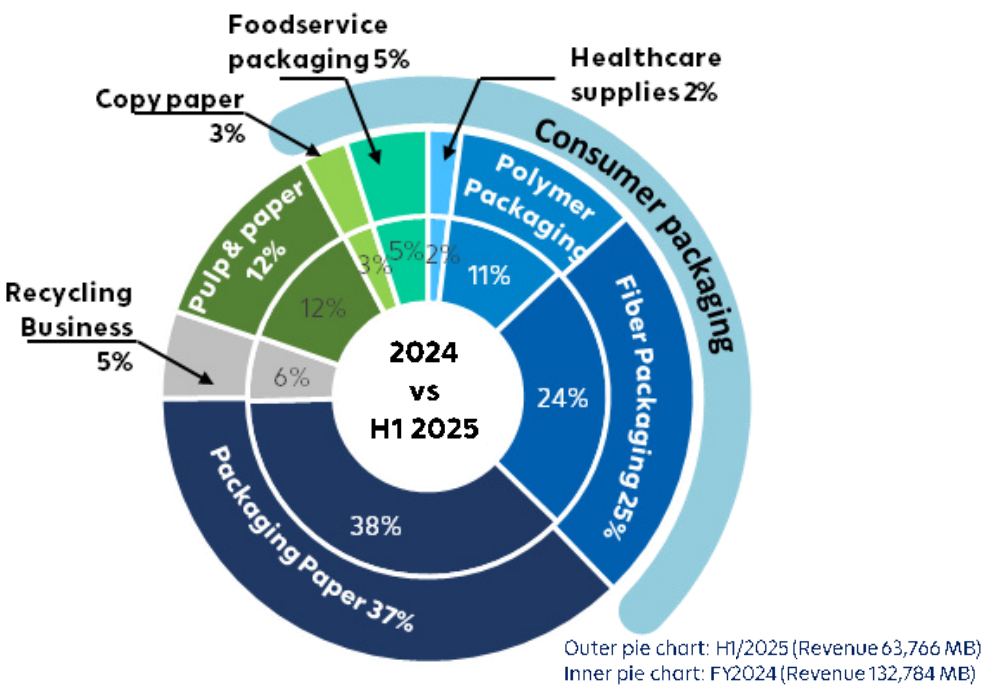
- Fiber packaging
- Polymer packaging
- Packaging paper
- Fibrous business



Note: 1. Figures are "Before inter-segment elimination"

SCGP's portfolio (2024 vs H1/2025)

Target: Consumer packaging >1/2 of total portfolio in 2030



Consumer packaging expanded from 45% to 46%, driven by volume growth in fiber, polymer, foodservice packaging, and healthcare supplies

SCGP strategic implications

Building resilience, adaptability, and antifragility – focusing on three strategic pillars

Further transformation and growth

1

Competitiveness enhancement

Productivity improvement

- Drive cost efficiency through process optimization, R&D advancement, and digital enablement

AI and robotics integration

- Expedite adoption of AI and robotics to elevate quality of decisions, operational precision, and scalability

Synergy enhancement

- Unlock value by internal collaboration and efficient use of shared resources

2

Adaptive growth strategy

Enhance business portfolio and market coverage

- Growing a diversified consumer packaging business and broadening market offerings to reduce reliance on any single segment, with a balanced portfolio

Additional source of growth

- Capture untapped opportunities with innovations (food & healthcare)

Supply chain resilience

- Strengthen agility and flexibility of the integrated supply chains

3

ESG and people

Energy transition

- Accelerate the shift toward low-carbon and renewable energy to lead decarbonization pathway

Circular economy & sustainable packaging

- Advance recyclability, reuse, and circularity of packaging

People engagement

- Foster customer-centric organization and key succession planning

refer to section 3

refer to section 4

refer to section 1

refer to section 2

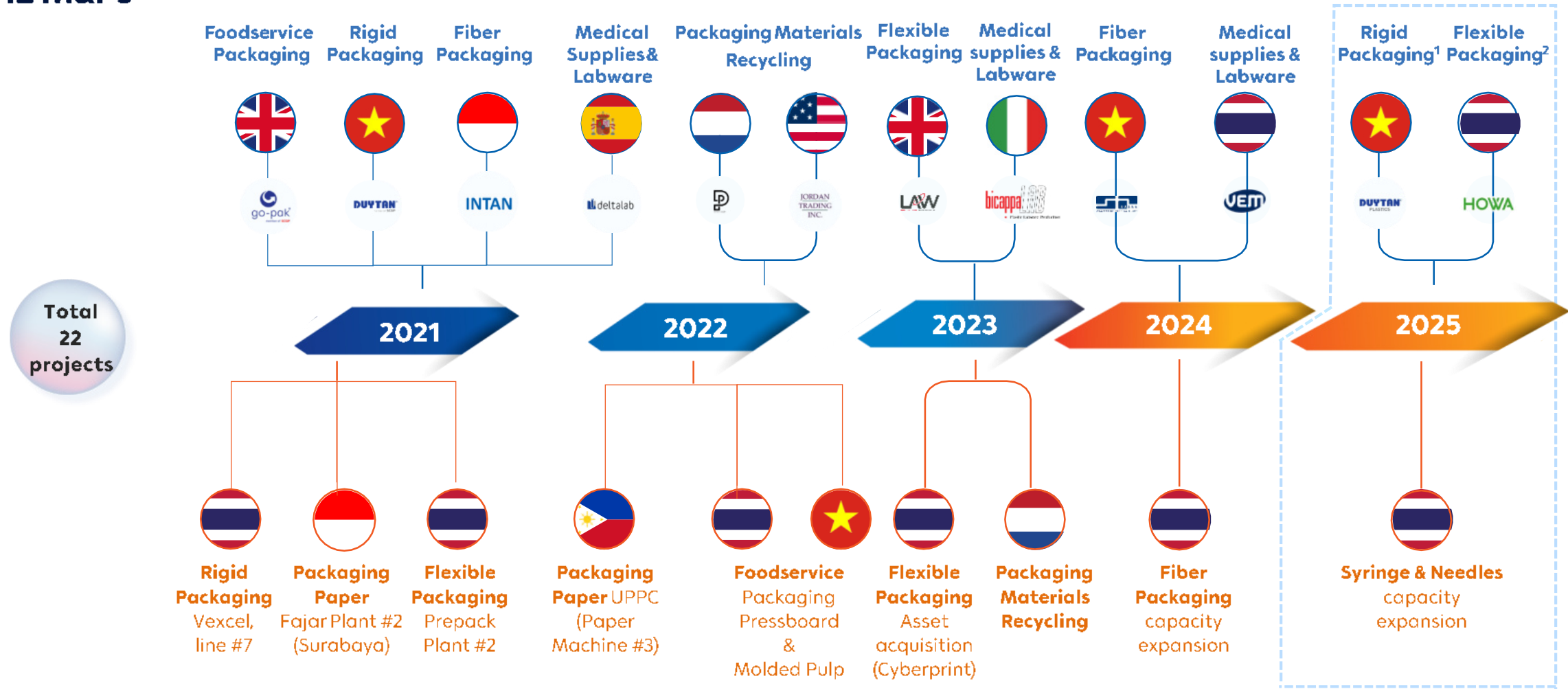
Key performances	2024	H1/2025
Packaging solutions revenue	20%	23%
Consumer packaging portfolio	45%	46%
Increasing renewable energy	31.4%	33.2%
Committed to reducing scope 3 GHG emissions	Suppliers' education and training	

8 CONFIDENTIAL

Adaptive growth strategy

Fuel up future growth with high quality mergers and partnerships (M&Ps) and organic expansions

12 M&Ps



10 Organic expansion

Note: 1. Acquisition of an additional 30% stake in Duy Tan Plastics Manufacturing (from 70% to 100%) 2. 25% stake JV investment in Howa Packaging (Thailand)

Additional source of growth

Capture untapped opportunities with innovative polymer business and healthcare supplies

Polymer business expansion in VN & TH

- Duytan is the Vietnam’s leading producer of rigid plastic packaging, offering reliable, innovative, and sustainable solutions that enhance consumer lifestyles
- Enhance synergies and integrated solutions with broaden offerings to meet rising demand on innovative and sustainable solutions



- HOWA has capability to manufacturing & sales of high functional/ laminated flexible packaging for wet pet food to enhance cross-selling opportunities
- Expand into fast-growing pet food packaging market, leveraging SCGP & HOWA's networks for operational synergies and cross-selling



Healthcare supplies expansion in TH

- VEM-TH is specialized in injection molding and high-precision manufacturing of medical device components, operating under ISO7&8¹ certified Cleanroom standards and stringent production controls



Containers & sampling



Medical components



Pipette tip

- Collaboration with Syringe & Needle development and distribution, offering established customer base, brand recognition, and technical expertise



Conventional syringe



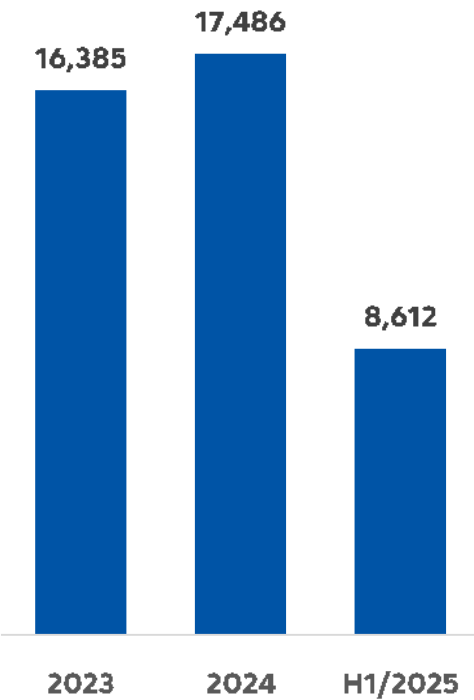
Safety needle



Hypodermic needle

Business performances²

Revenue
(Unit: MB)



Note: 1. ISO 7 and ISO 8 Cleanrooms, defined under ISO 14644-1, provide graduated contamination control—ISO 7 supporting high-precision production, with ISO 8 serving as the controlled safety production environment 2. Figures are “Before inter-segment elimination”

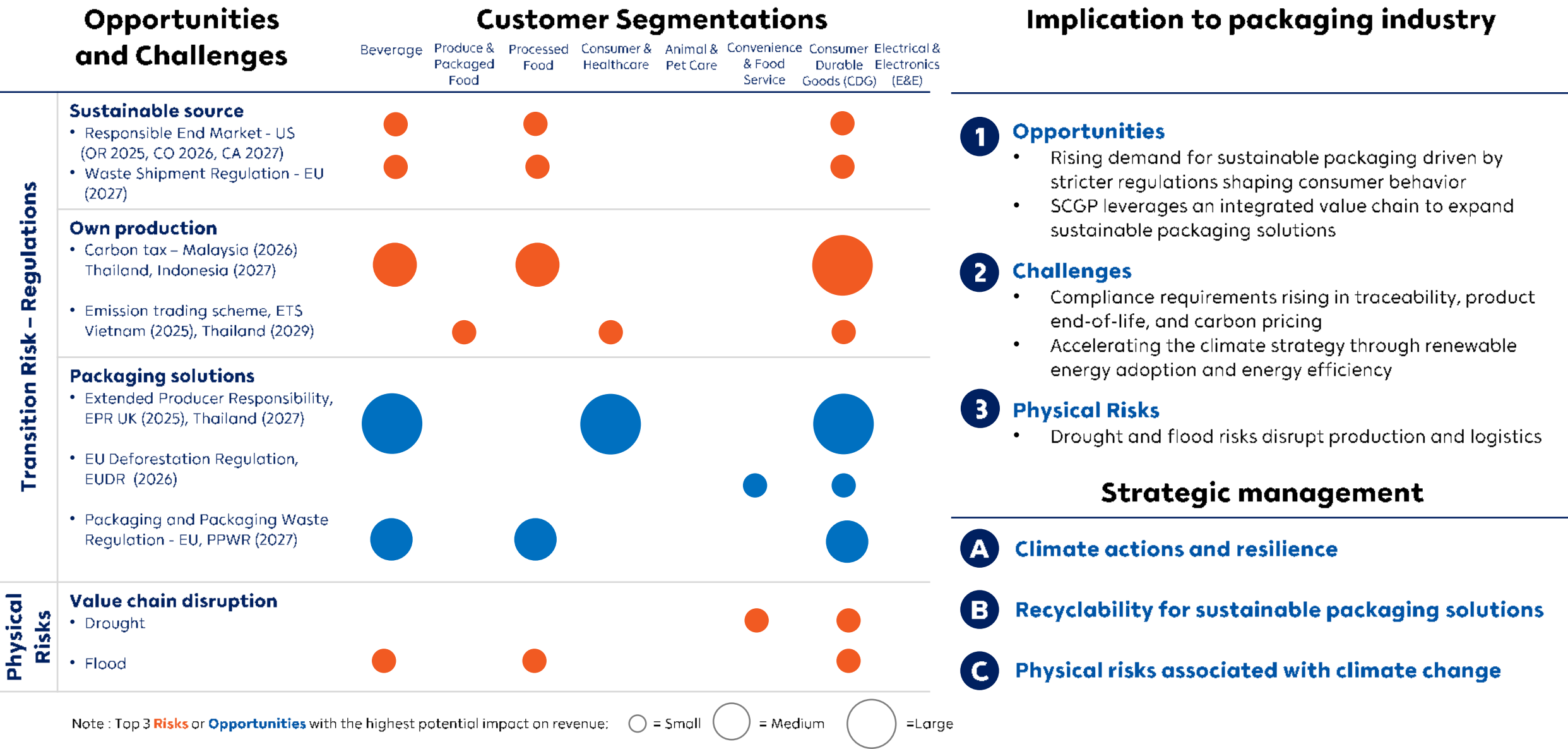
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โดยนำเสนอครอบคลุมประเด็นต่อไปนี้

- โปรดระบุ “ความเสี่ยง” หรือ “ความท้าทาย” เช่น กฎหมายใหม่ด้านสิ่งแวดล้อม ต้นทุนคาร์บอน หรือ การเปลี่ยนแปลงพฤติกรรมของลูกค้า เป็นต้น
- กลยุทธ์การดำเนินงานและเป้าหมาย (ทั้งระยะสั้นและระยะยาว) ในการปรับตัวที่ครอบคลุม ทั้งการลดต้นเหตุของการเปลี่ยนแปลงสภาพภูมิอากาศ (Mitigation) และการเตรียมความพร้อมเพื่อรับมือกับผลกระทบของการเปลี่ยนแปลงสภาพภูมิอากาศ (Adaptation)
- การดำเนินงานตามกลยุทธ์ดังกล่าว พร้อมทั้งผลลัพธ์เชิงคุณภาพและเชิงปริมาณ
- ผลลัพธ์เชิงเปรียบเทียบเทียบกับปีก่อนหน้า

Business implications of emerging regulations

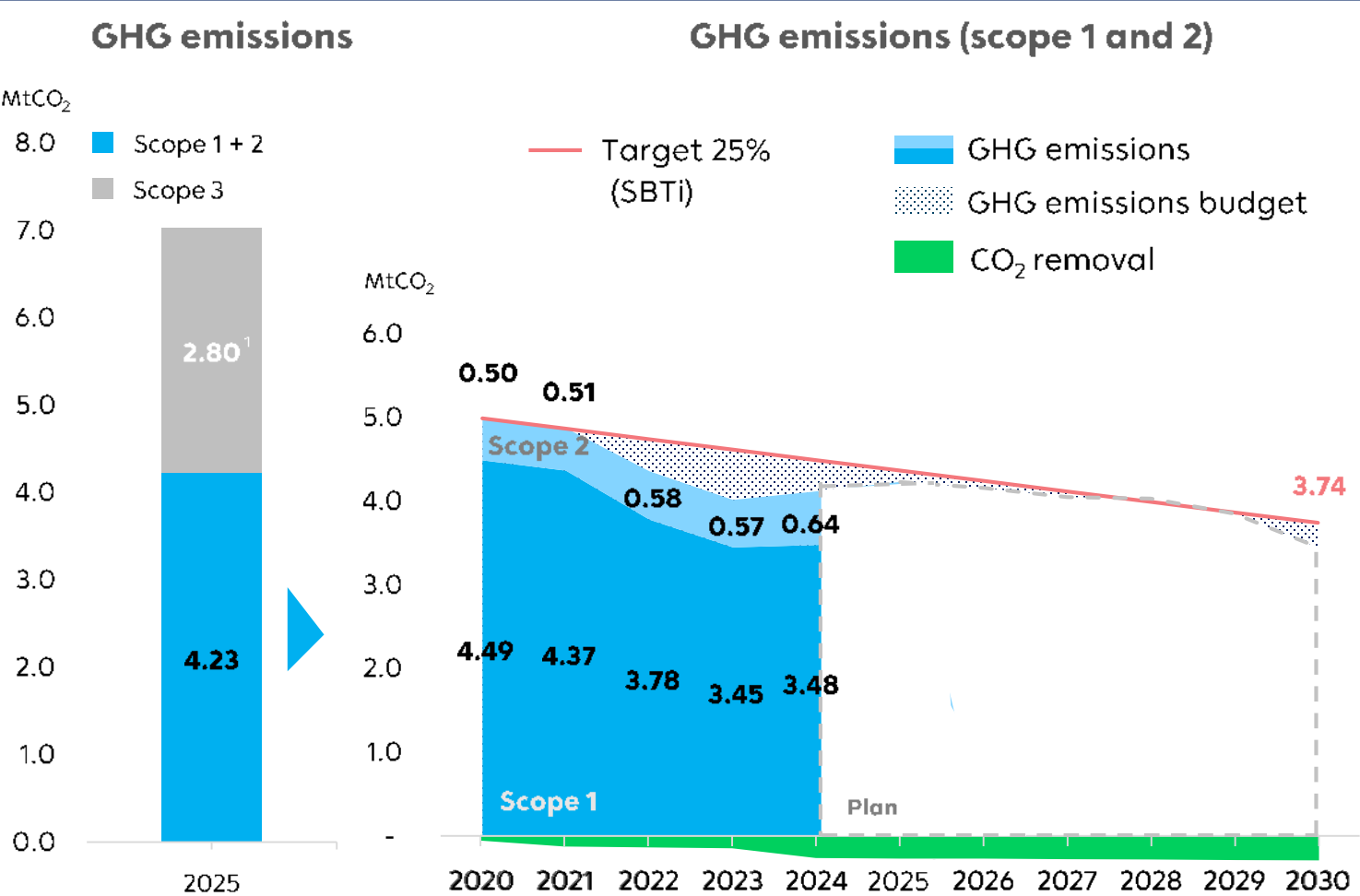
Opportunities drive sustainable packaging growth, with climate risks mitigated through strategy



A. Climate actions and resilience: GHG scope 1 and 2 reduction roadmap

GHG scope 1 and 2 : target to reduce 25% of Greenhouse Gas emission by 2030 and achieve Net Zero by 2050

GHG emissions (scope 1 and 2)



GHG reduction strategies

- 1 Supply side**
To increase renewable energy from 19% in 2020 to 47% by 2030
 - 2 Demand side**
To enhance energy efficiency
 - 3 Carbon removal**
 - Natural climate solution (NCS)
- Powered by regulatory (CBAM, Carbon tax) and financial mechanisms (ICP and green loan)

Note :1. the data as certified in 2024

A. Climate actions and resilience: Accelerating the energy transition

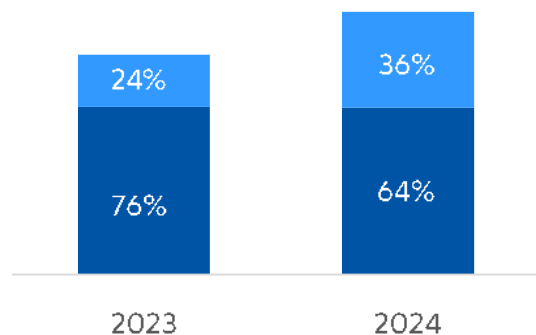
Utilizing renewable energy to support supply side while reducing energy consumption intensity on demand side

Biomass boiler at Thai Containers Group

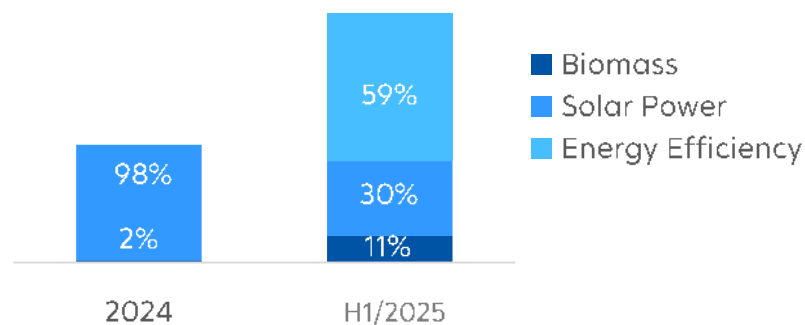


- Required environmental friendly supply chain from global MNC customers
- Energy cost saving from switching CKB & bunker oil to woodchip

Internal carbon pricing (ICP)¹

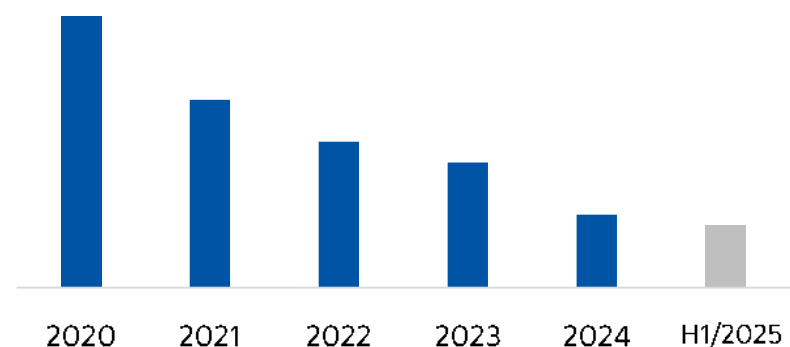


Green Loan



Energy consumption intensity (GJ/ton)

Target reducing 15% of energy consumption intensity in 2030 (base year 2020)



Climate change mitigation & adaptation

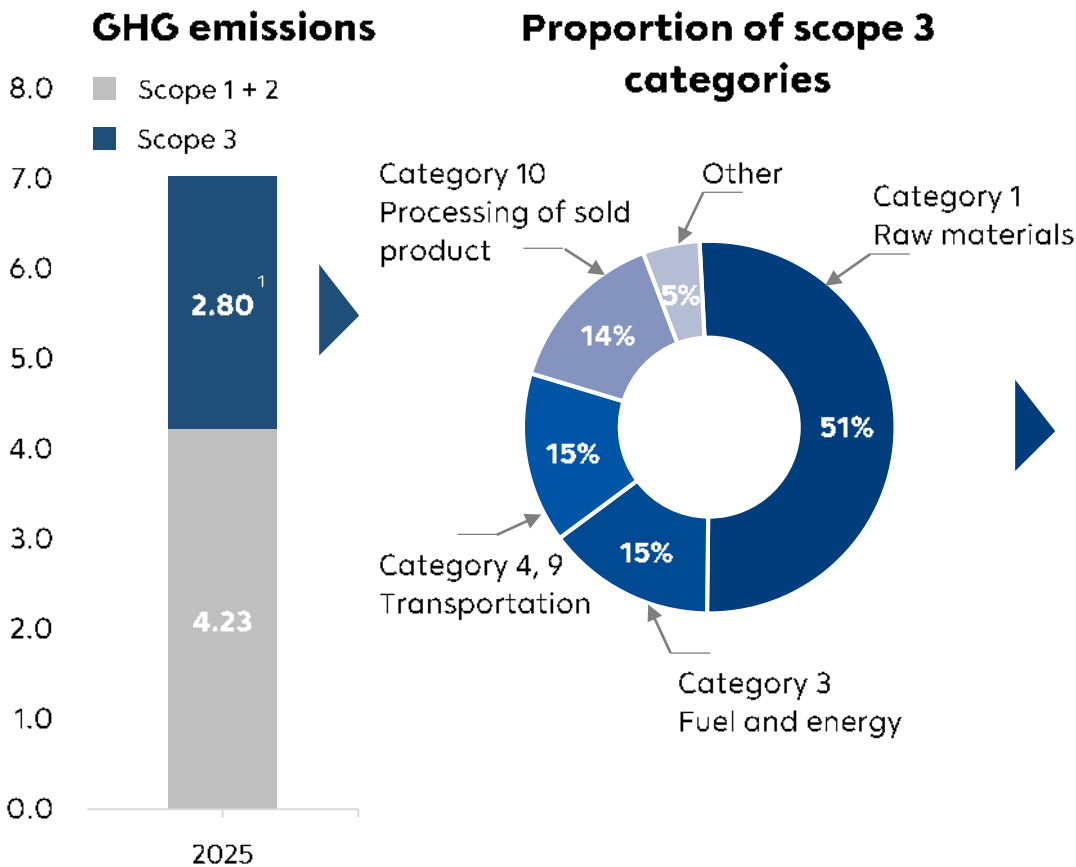
- 1 Prioritize renewable energy and efficiency enhancement** e.g., biomass boiler, solar, biogas production, turbo vacuum and AI adoption
- 2 Applied financial mechanisms** (ICP & Green Loans) for renewable energy and energy efficiency projects
- 3 Continuous reduction of energy consumption intensity**

A. Climate actions and resilience: GHG Scope 3 reduction initiatives

GHG scope 3 : Committed to reduce scope 3 GHG emissions by 25% by 2030 (base year 2024)

GHG emissions (scope 3)

Collaborate with business partners to drive decarbonization initiatives



Note : 1. the data as certified in 2024

Category 1: Raw materials decarbonization roadmap

Enhance supplier involvement in Scope 3 emissions reduction initiatives



GHG reduction initiative (Scope 3)

- Category 1 Raw materials prioritized in the decarbonization roadmap
- Competency strengthening
- Strategic procurement : collaborative emissions reduction projects, transition to low-carbon materials and services, incentive scheme

A. Climate actions and resilience: Carbon footprint of product (CFP)

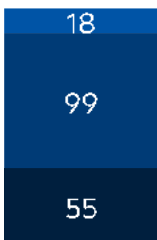
CFP assessment to achieve 100% coverage by 2027 for both Thailand and overseas

Fiber-based packaging

Carbon Footprint of Products (CFP)



100% by 2025
Products group

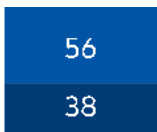


CFP¹

Carbon Footprint Reduction (CFR)



100% by 2027
Products group



CFR

■ 2023 ■ 2024 ■ H1/2025

- 100% CFP certification in Thailand by 2025, and CFR certification by 2027
- Expand CFP to Fiber-based packaging overseas (Vietnam & Indonesia) by 2027

Polymer packaging

Carbon Footprint of Products (CFP)



100% by 2027
Products group



CFP

Carbon Footprint Reduction (CFR)



100% by 2030
Products group



CFR

■ 2024 ■ H1/2025

- 100% CFP certification in Thailand by 2027, and CFR certification by 2030

CFP Platform and Private label

Recent use case for CFP Platform and Private label



Calculated CFP through the platform for **73** companies



Private Label on

3 customers packaging

Note: 1. 156 products + 16 processes as of June 2025

B. Recyclability for sustainable packaging solutions

Developing products and solutions to comply with regulations and achieve 100% recyclability in 2030

PPWR¹ Regulations

Target %recycled content

%recyclability of SCGP products



70%
Paper and cardboard



30%
Single use plastic bottle



30%
PET as major component



10%
PET not as major component



35%
Other types

Key innovative products



Green Carton's G8 model
(15% Less materials)



Paper Cutlery



Optibreath



R1+ (Mono-materials)



Redi Pak



Increased recycled resin

Innovative solution offering

Collaboration & Partnership



Inspired Solutions Studio



Innovation & Product Development Centers (R&D)



Collaborations with CPF to promote sustainable packaging & CFP



Partnership with S&P for premium eco-friendly packaging

99.67%



2024

99.69%



H1/2025

Strategy for Sustainable packaging solutions

- 1 Packaging minimization & lightweight
- 2 Increase of % Post-Consumer Recycled material (PCR) content in compliance with EU regulation
- 3 Development of recyclable products including mono-materials to achieve 100% recyclability in 2030

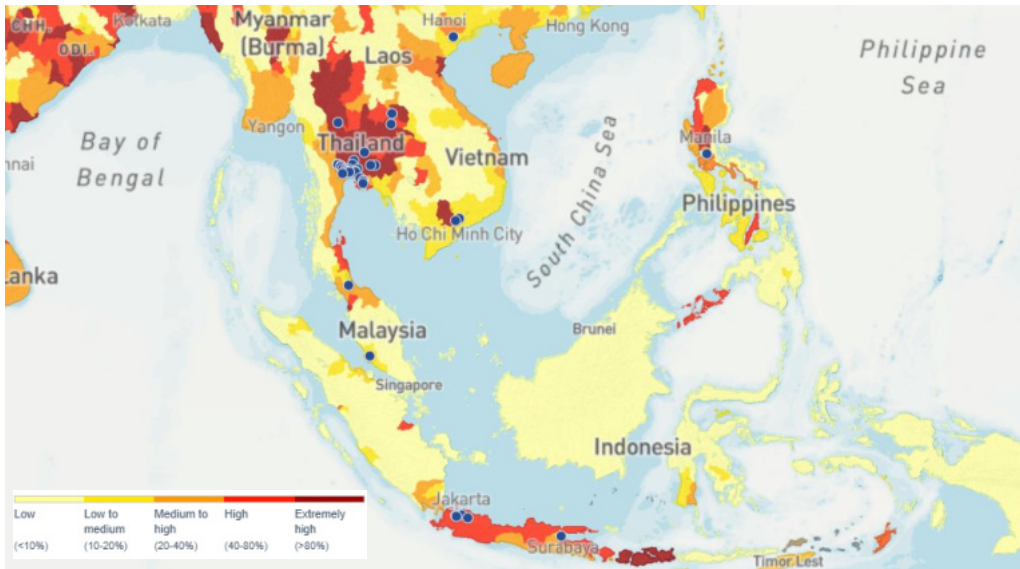
Note: 1 Packaging and Packaging Waste Regulation

C. Physical risks associated with climate change

Physical risk analysis using Aqueduct, with drought and flood mitigation measures and future actions

Assessment Methodology of Physical Climate Risks

- 1 Physical risk - screening process**
 - Tools – AQUEDUCT WATER RISK ATLAS
 - Scenarios – The Intergovernmental Panel on Climate Change (IPCC)
- 2 Climate hazards used for assessment**
 - Water stress & drought
 - Riverine flood risk
- 3 Mitigation plans**
 - Supply chain resilience
 - Business Continuity



• SCGP’s operational sites in ASEAN

Source: Aqueduct 4.0

Drought and flood mitigation

Fiber-based packaging

Production allocation site

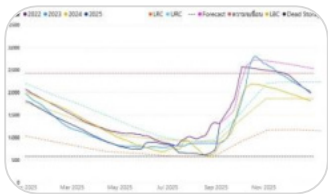


Fiber-based Packaging Site Across ASEAN



Response measures

Early Warning System for drought



Annual water trends projection

Flood Protection Infrastructure



Water drainage



Pumping systems



Barrier

Moving forward

- Reassessment of overall flood risk exposure across SCGP
- Mitigation and resilience planning through expert reviews and on-site assessments

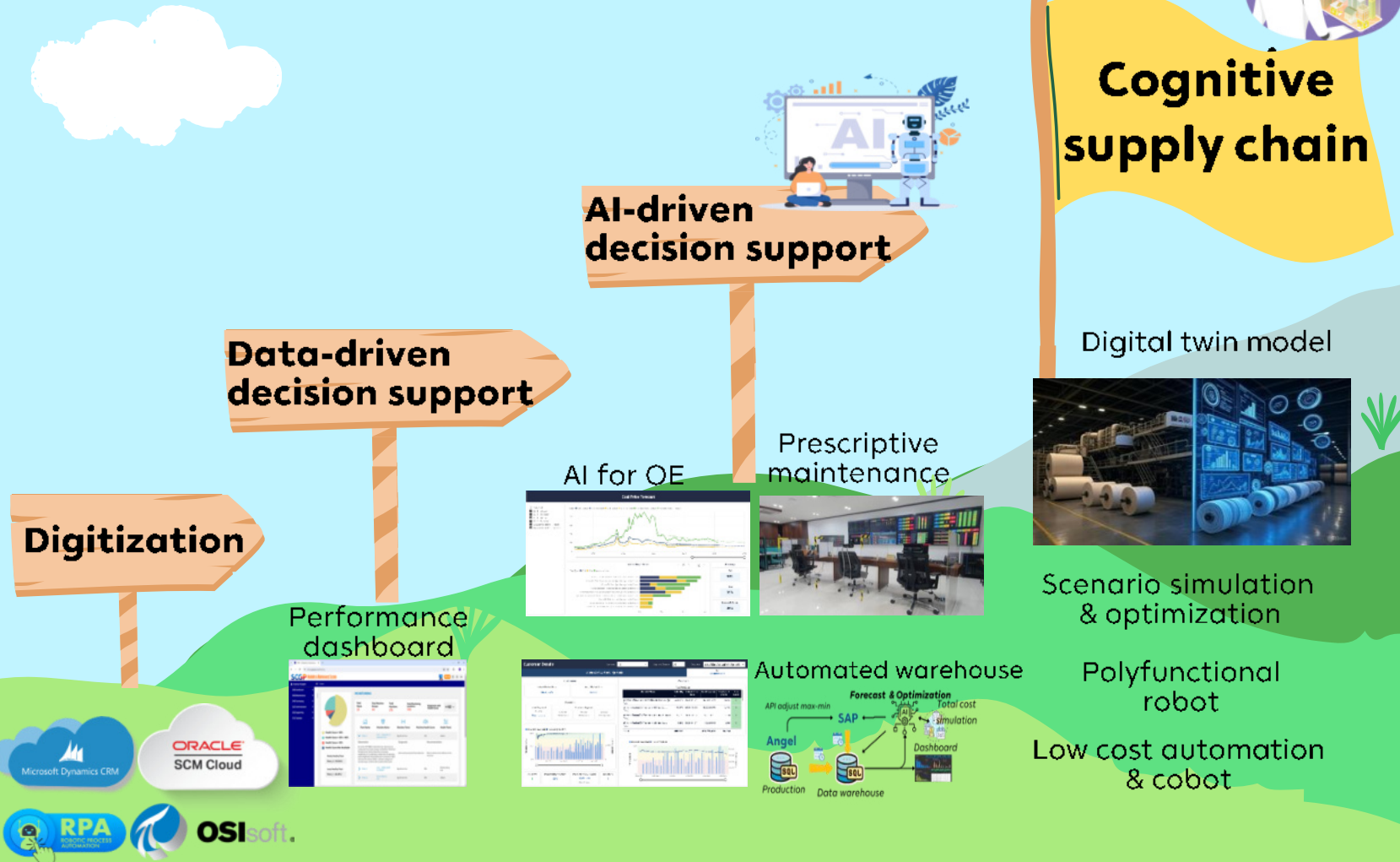
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โดยนำเสนอครอบคลุมประเด็นต่อไปนี้

- การประยุกต์ใช้เทคโนโลยีและปัญญาประดิษฐ์ (AI)
- การเตรียมความพร้อมขององค์กรเพื่อรองรับการเปลี่ยนผ่านเชิงดิจิทัลอย่างยั่งยืน
- ประโยชน์ที่ได้รับและผลตอบแทน (Economic Return) จากการลงทุนที่เกี่ยวข้องกับด้านเทคโนโลยีและปัญญาประดิษฐ์ (AI)
- คุณค่าที่ผู้มีส่วนได้ส่วนเสียในห่วงโซ่คุณค่า (Value Chain) ได้รับจากการที่บริษัทลงทุนหรือ นำเทคโนโลยีและปัญญาประดิษฐ์ (AI) มาประยุกต์ใช้

Digital transformation journey for operational excellence

Target to achieve 3.4% AI-driven cost savings on EBITDA by 2030



Objectives

The development of AI towards achieving a cognitive supply chain at SCGP is driven by the following key objectives:

- 1 To increase customer experience**
AI enables a deeper understanding of customer needs, allowing SCGP to deliver faster, more accurate services with real-time tracking and reliable fulfillment.
- 2 For cost competitive**
Automation and analytics help reduce waste, optimize inventory and improve operational efficiency.
- 3 To increase workforce efficiency**
AI automates routine tasks and provides employees with complete visibility, actionable guidelines, and faster decision-making capabilities.

Digitizing
process

Leveraging data
for decision-making

2020: Harnessing predictive
analytics and generative AI

2026: Integrating digital twin for adaptive supply chain

AI implementation across the value chain

Develop AI initiative solutions to enhance organizational competitiveness

AI implemented areas

1. Customer and market insights
2. Packaging design & product reliability
3. Production planning
4. Raw material sourcing
5. Production and process optimization
6. Asset maintenance
7. Quality control and inspection
8. Warehouse and logistics
9. People
10. Finance

Patents + Petty patents

1. ระบบตรวจสอบผิวหน้าลูกโรลด้วยเทคนิค deep learning (2103002761): Granted
2. เครื่องมือตรวจสอบการปนเปื้อนในน้ำเยื่อ (2403001022) - Granted
3. ระบบการแจ้งเตือนการชำรุดของเครื่องจักรแบบหมุน (2001007097)
4. ระบบการตรวจวัดและเฝ้าระวังกลิ่น (2001003760)
5. อุปกรณ์และระบบตรวจสอบการทำงานของมอเตอร์ไฟฟ้า (2301007192)
6. ระบบตรวจวัดและเฝ้าระวังกลิ่นของโรงงานอุตสาหกรรม (2301006345)
7. ระบบควบคุมคุณภาพก้อนกระดาษสำหรับรีไซเคิลด้วยภาพถ่ายและกระบวนการของสิ่งดังกล่าว (2501005766)



Employee capabilities build-up

Effectively build multiple competencies to embed productivity across the organization

AI developers

Advanced data scientists



Generative AI



Quantum



Immersive-reality



Deep learning reinforcement

Applied data scientists



Digital & AI roadmap



Business analyst



Project management



MLOpt, Data & AI governance

Data & AI facilitators

Basic

Descriptive

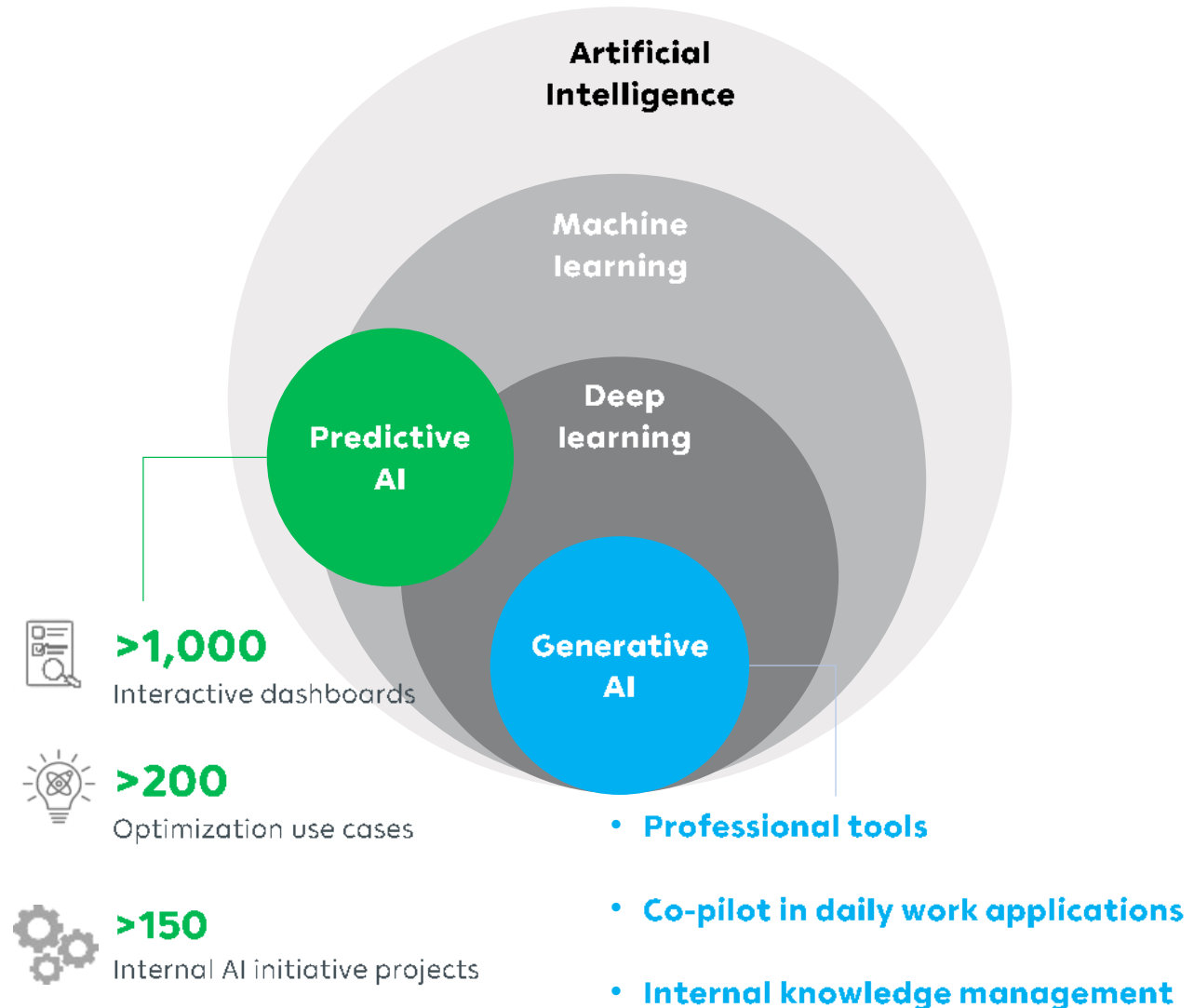
Diagnostics analytics

Intermediate

Predictive

Prescriptive

AI users

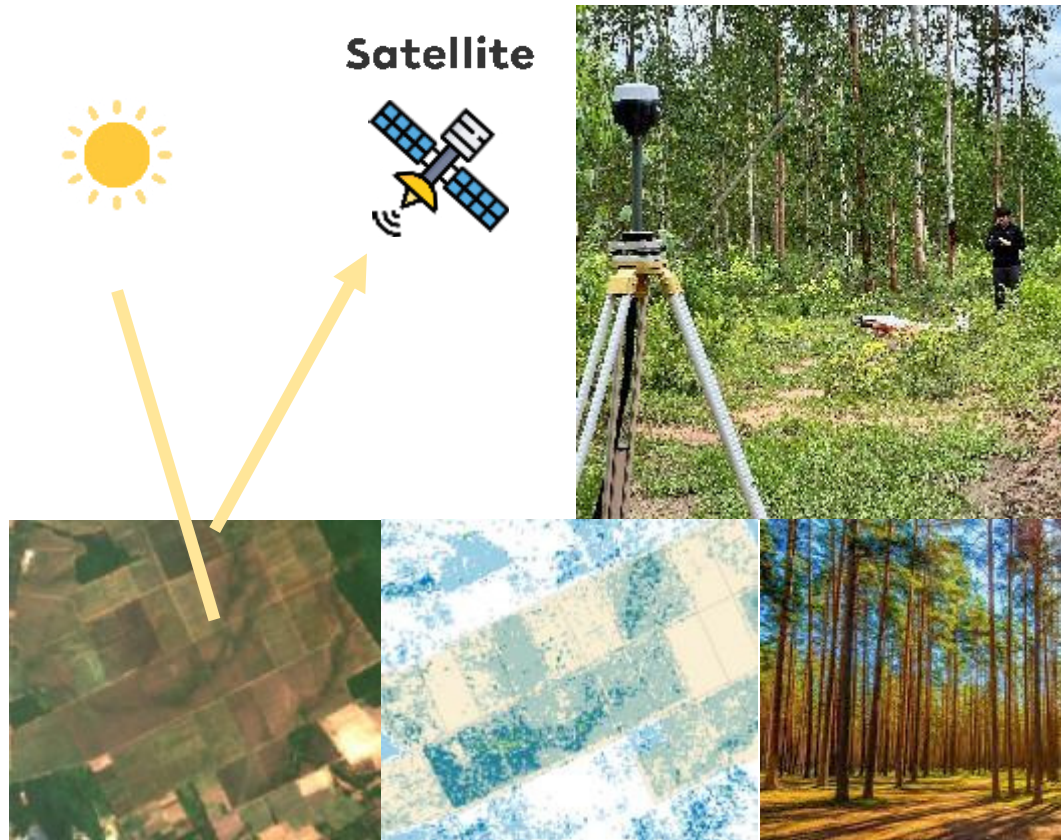


AI in practice - Plantation sourcing management

Elevate eucalyptus yield monitoring and ensure log size accuracy

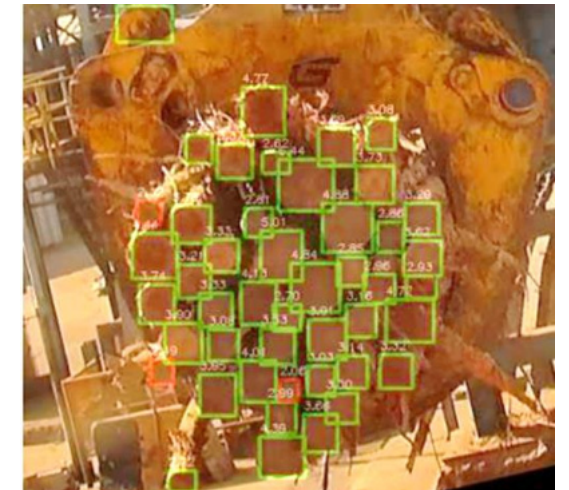
AI developers

Implement satellite, and drone LiDAR to predict yield, monitor health and support harvesting decisions



Satellite x AI solution for plantation

AI-image log size detection to automate measurement, improve yield and enhance equipment reliability via mobile and real-time CCTV.

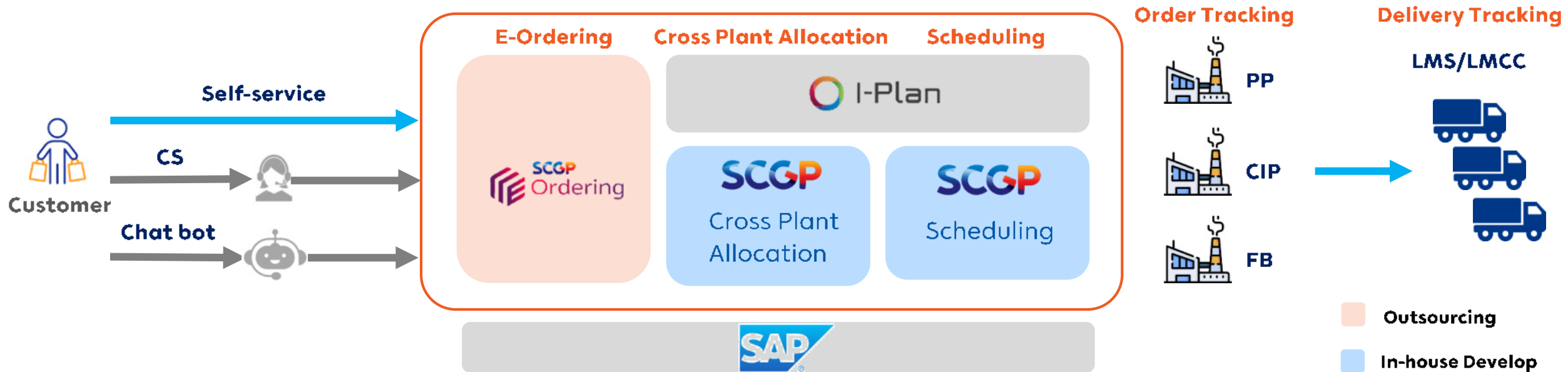


Result:

Increase
Plantation Yield

AI in practice – Customer order management

Implement E-Ordering, Cross Plant Allocation, and Production Scheduling with real-time data synchronization to automatically fulfill customer order with available supply, optimize inventory level, and update key information for decision making



Benefits

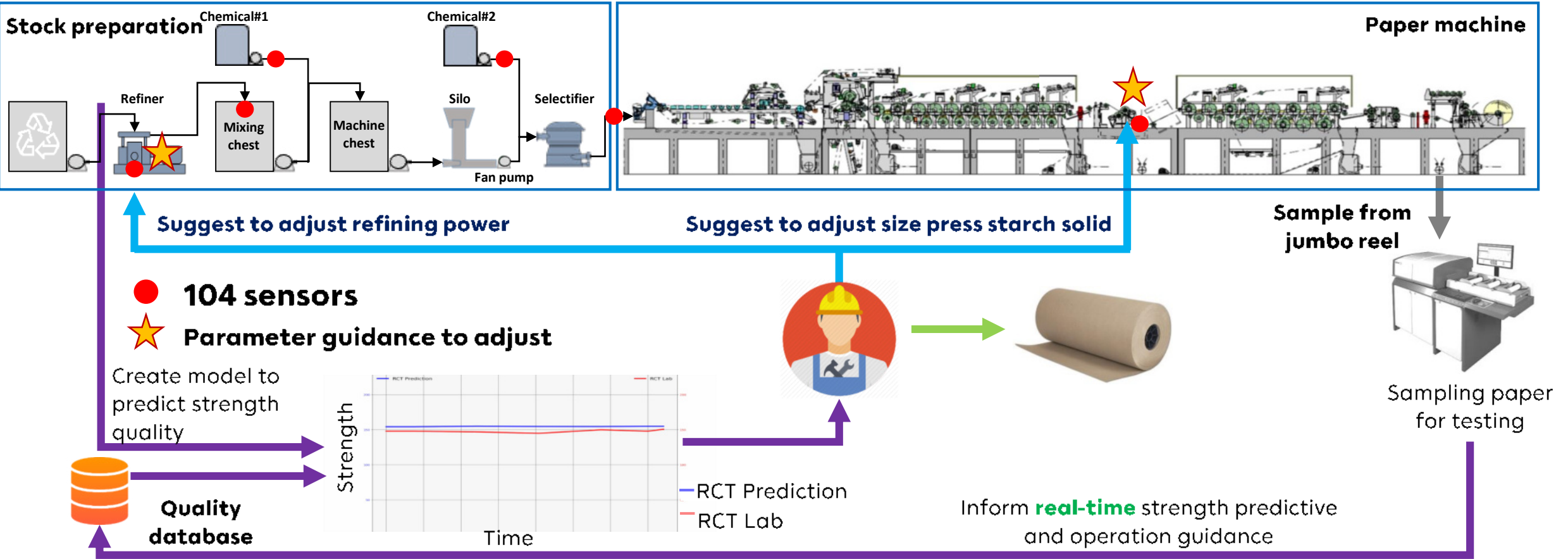
- 1 Enhance customer experience** through a unified self-service portal for all SCGP products
- 2 Increase customer convenience** along the order management journey by providing real-time visibility via an integrated ordering platform
- 3 Improve operational efficiency** by optimizing order fulfillment and supply allocation with Just-In-Time (JIT) prioritization
- 4 Standardize process and system** to effectively support customer requirements and internal work procedure

Result:

Increase
Customer satisfaction

AI in practice - Paper quality prediction

Formulate an AI-based paper strength predictive model for real-time quality monitoring and process adjustment



Result:

Reduce
% Waste reject

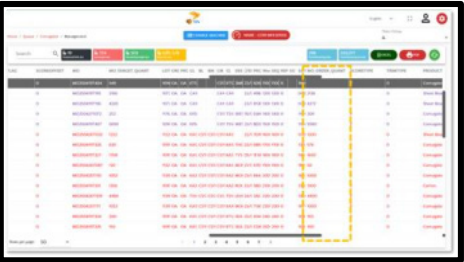
AI in practice - Sheetboard allowance optimization

Develop machine learning (ML) model to optimize sheetboard allowance for production planning, reducing waste and minimizing rework

Identify significant parameters:

from a pool of 85 variables across machines, operations and product specifications data

Color	Significant
CutSheetLeng	Significant
CutSheetWid	Not Significant
Order_Quant	Highly Significant
Total Process	Not Significant
Flute	Significant
Machine	Significant
Weight	Significant

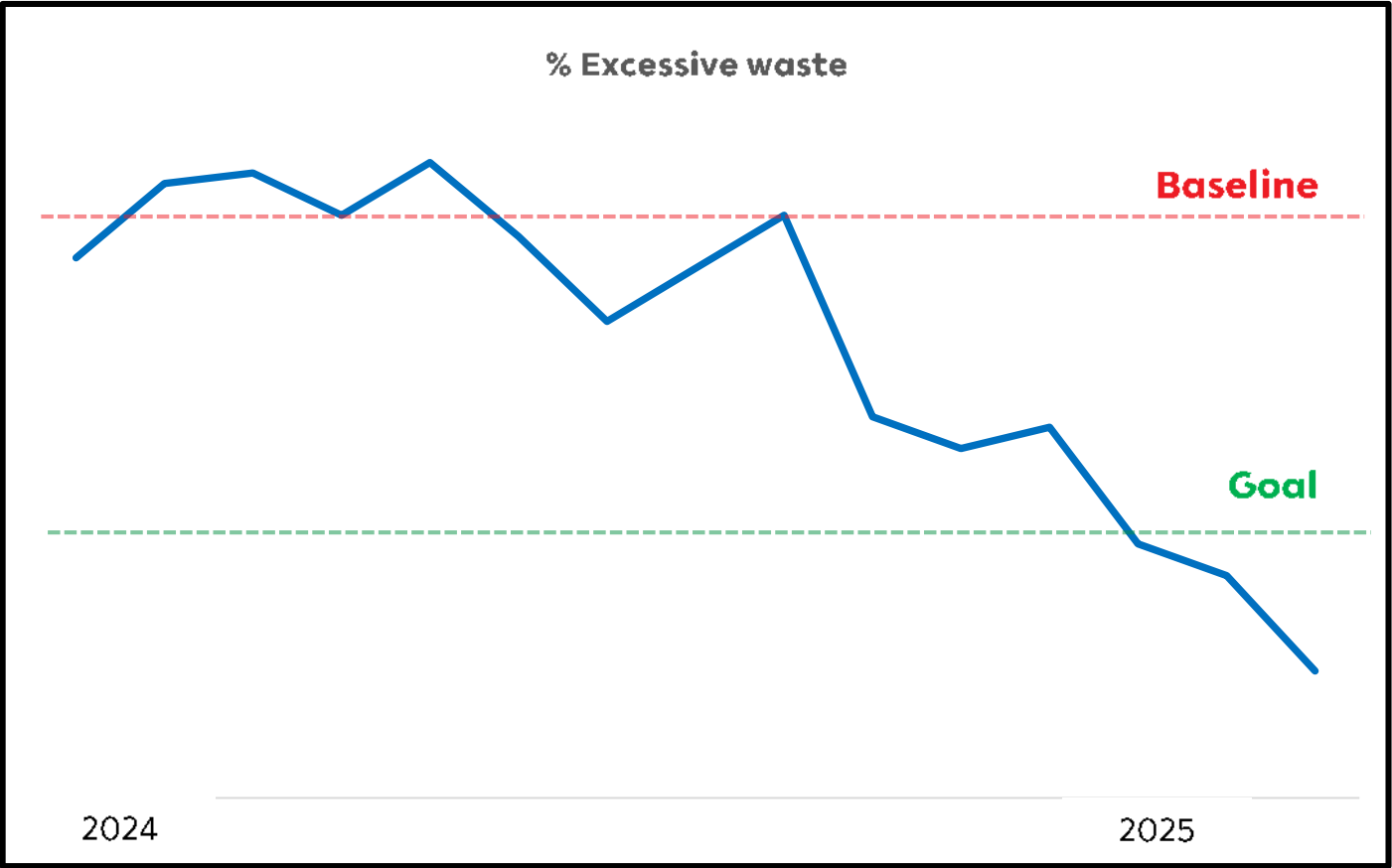


Machine learning model (MAPE=81.5%):

Enhance predictive performance by using a stacked ensemble approach

Production scheduling integration:

Real-time allowance guideline for production planner



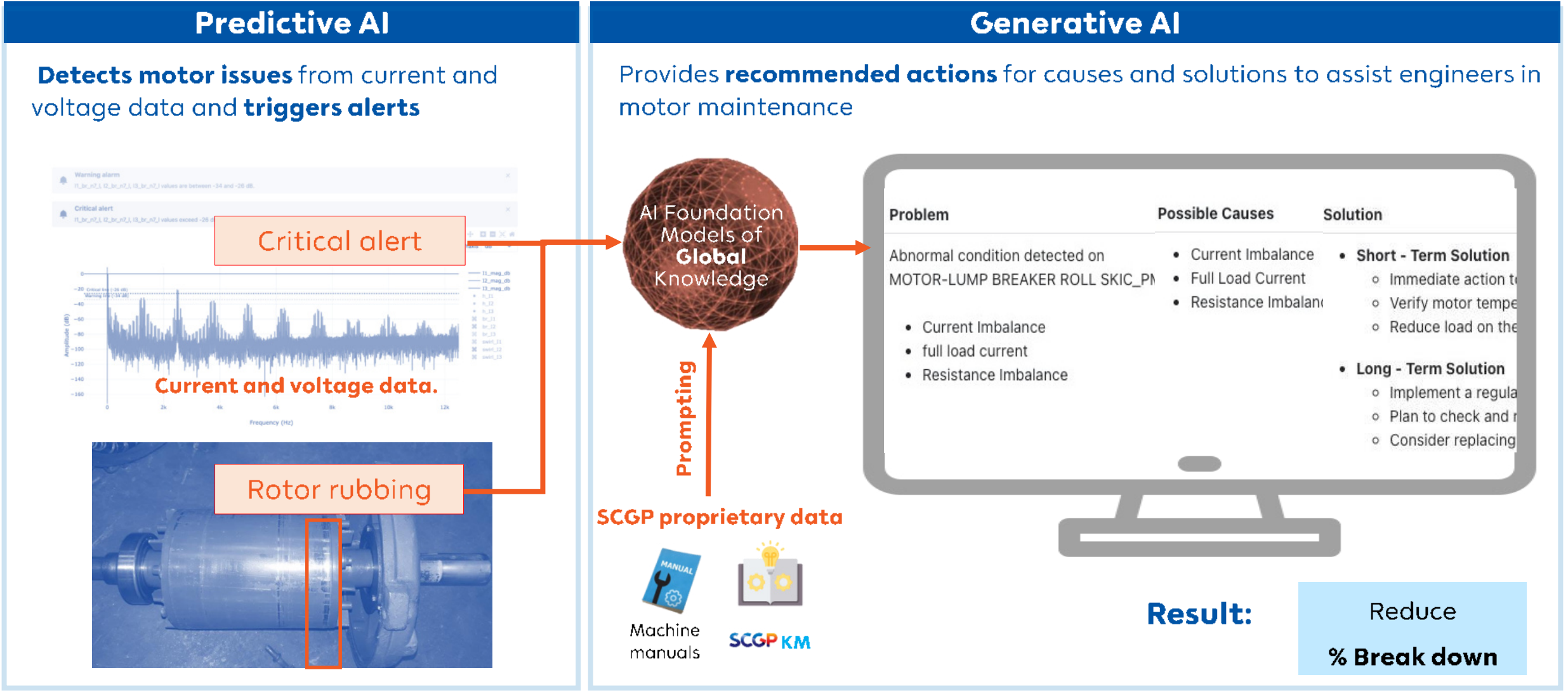
Result:

Reduce
Excessive waste

AI in practice - Maintenance solution

Apply predictive models with self-developed sensors to detect potential failures and recommend solutions, supporting motor maintenance and maximizing uptime

(Patent filing number: 2301007192)

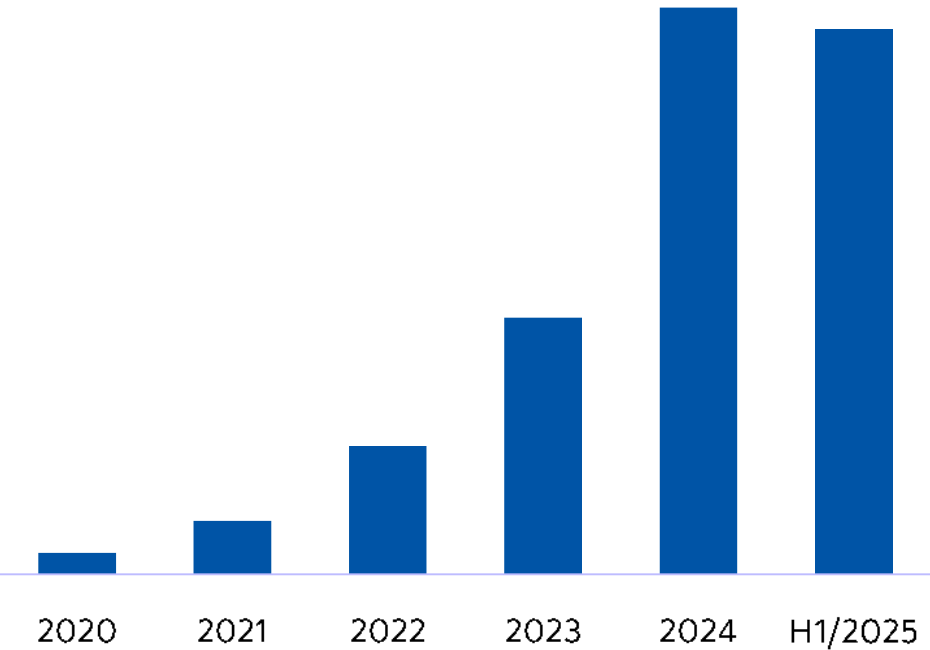


AI adoption and impact

Connecting AI Growth with Business Outcomes: Quantifying the Impact

Number of Artificial Intelligence initiatives

Unit: Number of project



Key drivers with implementation

- 1 Process:**
Establish data & AI governance standards
- 2 Technology:**
Digitize manual processes and develop scalable data pipelines
- 3 People:**
Start with leadership defining goals and strategies, and driving data literacy and capability building across the organization

4. หัวข้อสาระสำคัญ (Materiality Topics) จำนวน 1 ประเด็นที่มีความสำคัญต่อการดำเนินธุรกิจอย่างยั่งยืนและการรักษาความสามารถในการแข่งขันในระยะยาว โดยบริษัทสามารถเลือกประเด็นที่เกี่ยวข้องกับด้านเศรษฐกิจ สังคม สิ่งแวดล้อม หรือบรรษัทภิบาล

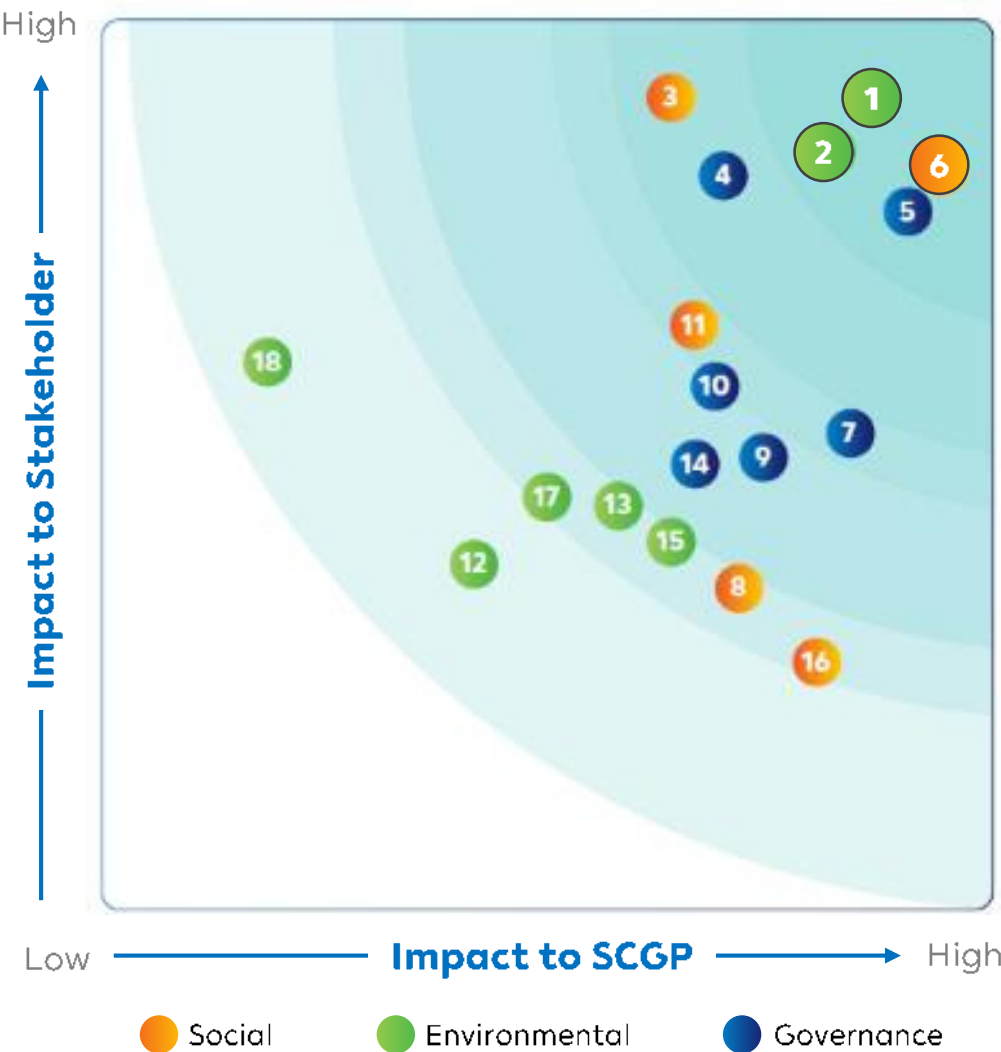
โดยนำเสนอครอบคลุมประเด็นต่อไปนี้

- โอกาสหรือความเสี่ยงจากประเด็นดังกล่าว
- กลยุทธ์การดำเนินงานและเป้าหมาย (ทั้งระยะสั้นและระยะยาว) ในการจัดการความท้าทายดังกล่าว
- การดำเนินงานตามกลยุทธ์ดังกล่าวในปีที่ผ่านมา พร้อมผลลัพธ์เชิงคุณภาพและเชิงปริมาณที่เกิดขึ้นจริง
- ผลลัพธ์เชิงเปรียบเทียบเทียบกับปีก่อนหน้า

Key materiality topic for long-term competitiveness

Driving customer centricity and responsible value chain excellence

2024 Double Materiality¹



- 1. Climate action and strategy
- 2. Circular economy
- 3. Occupational health and safety
- 4. Corporate governance
- 5. Risk & disruption management
- 6. Customer & consumer centricity**
- 7. Innovation
- 8. Human capital & retention
- 9. Supply chain management
- 10. Cybersecurity
- 11. Human rights
- 12. Product stewardship
- 13. Waste management
- 14. Sustainable raw materials
- 15. Water management
- 16. Community relations
- 17. Biodiversity
- 18. Emission control

Note: 1. SCGP Sustainability report 2024

Driving growth through customer-centric transformation

Evolving into SCG Packaging strengthens our foundation to deliver customer value and sustain growth

Proxy of regional customers



> 7,000

customers

National champion brands ~40%

Multinational company (MNCs) ~30%

SMEs & retail stores ~20%

> 150,000

SKU of products

>40 years

Customer relationship

Enhance market capability

Customer Understanding	Customer Portfolio	Differentiated with more customization	Measure and Optimize
- Customer Segmentation - Value proposition	- Key account management - Channel management	- Commercial Strategy - Cross-selling, outsourcing, portfolio management - Value based pricing - Branding and Communication strategy	- Customer satisfaction % wallet share % margin - Customer churn
Fostering customer centric culture and <u>mindset</u> and cross-capability building, across business units collaboration			
Advanced analytics and operating systems with artificial intelligence & machine learning			

Customer Centricity



Uplift margin with Sustainability

Potential growth & marketing strategy

Drive growth by expanding customer portfolio and enhancing value propositions

Market segments



Consumer & healthcare



Animal & pet care



Beverages



Produce & packaged food



Convenience & foodservice



Processed food



E&E



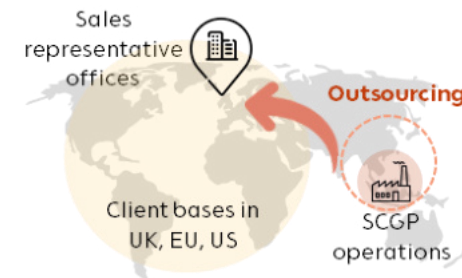
Consumer durable goods

Growth acceleration

- Customer portfolio expansion in growth market
- Customer's value enhancement by cross selling & strategic outsourcing

Value creation

Cross-selling across regions & continents



Design solutions

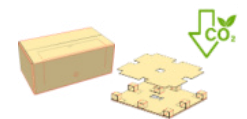


Graphic & product design

Commercial branding



Sustainable solutions



Structural design

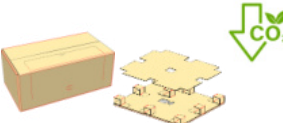
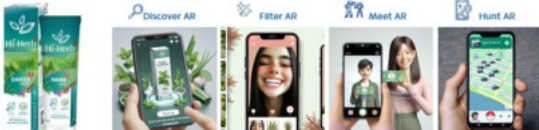
End to End operation and platform

- Develop system and platform for superior competitiveness
- Centralize data/ interface system to support customers and commercial processes

Driving value creation through customized solutions

Enhance competitiveness through customer-focused innovation

Customer solutions

	Leverage design-driven packaging solutions			
Design solutions		Graphic & product design	Exhibitions – Booth & lifestyle products	Strategic design
	Collaborate within SCG to deliver sustainable packaging innovations			
Sustainable solutions		Structural design	Lightweight paper for corrugated container	Paper food container
	• Customer engagement • Product authentic & transparency			
Connected packaging solutions		Packaging with QR Code (Consumer engagement)	Packaging with QR Code (Product authentic)	

Value creation through packaging automation solutions

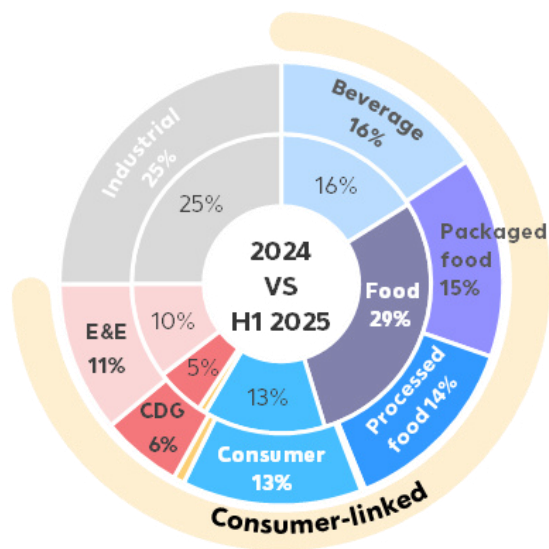
			
Packaging Primary Tertiary	Automated Packing line	Robot palletizers	Automated Warehouse
Business opportunity	Capture additional adjacent products (packing accessory)	• Selling machine • Rental machine • Pay Per Use	

Solid consumer-linked growth driven

Strengthen packaging solutions and margins with consumer-driven focus

Portfolio consumer-linked

Target: consumer-linked revenue
>3/4 in 2030



Outer pie chart: H1/2025 (Revenue 63,766 MB)
Inner pie chart: FY2024 (Revenue 132,784 MB)

**Resilient portfolio at 75% sustained by
consumer packaging demand**

Key executions

1

Value Proposition:

In-depth customer interviews (H1/2025) confirm top priorities: fulfillment reliability, product consistency, and sustainability, shaping SCGP's differentiated value proposition by market

2

Customer & Design Solutions:

Expanding portfolios in Thailand, Vietnam, and Indonesia with existing and new customers, supported by design-driven, sustainable, and connected packaging solutions driving

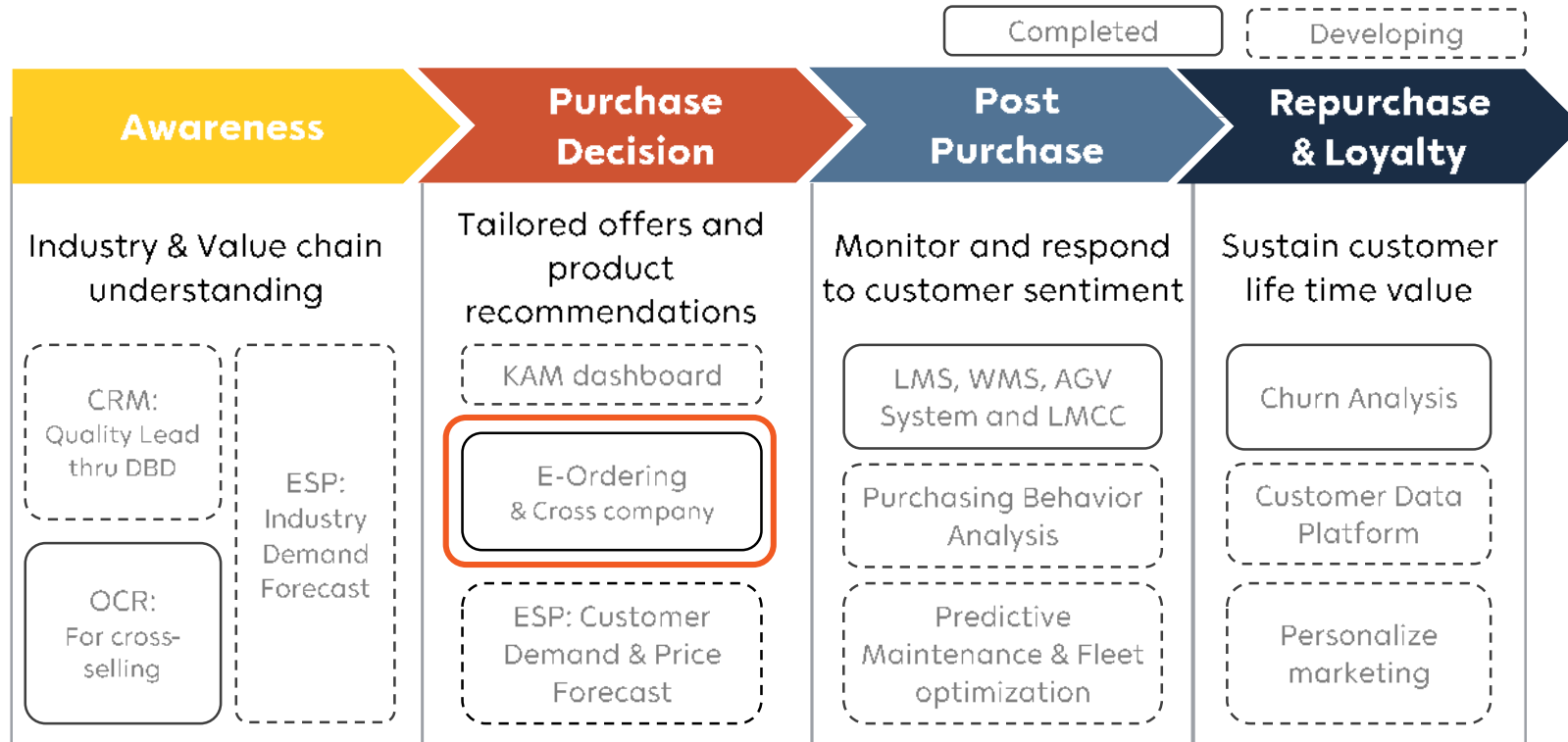
3

Cross-Selling & Execution:

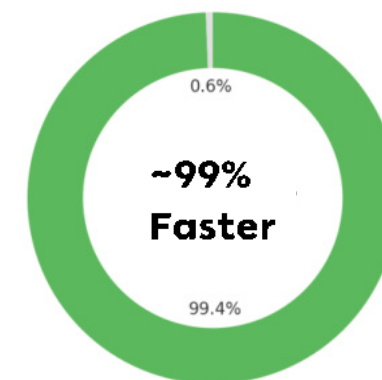
Unlocking portfolio potential through cross-selling, strategic outsourcing, and packaging automation, reinforced by awarded projects with major FMCG and F&B players

Elevate customer experiences through digitalize platform

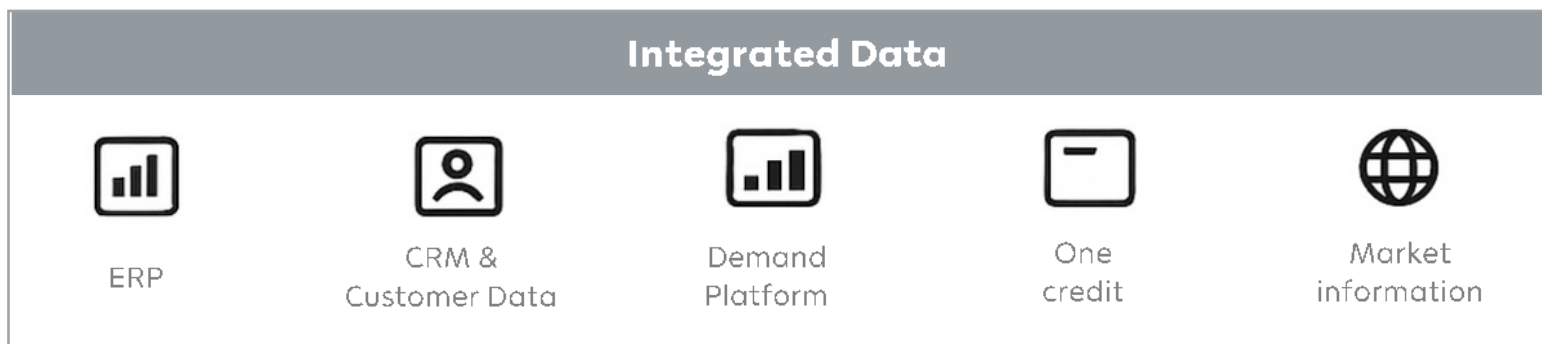
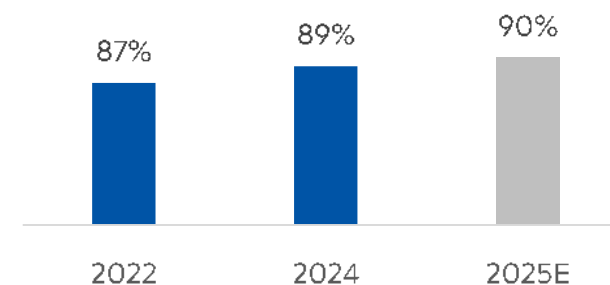
Enhance customer's convenience and efficiency through streamlined customer ordering platform



Reduce order response time from 3 hours to 1 minute



Target to Increase customer satisfaction for process and service 90%¹



Note: 1. SCGP customer satisfaction index (conducted by Sim Research)

Key Takeaways

Driving sustainable growth and competitiveness through ESG, customer focus, and people development



ESG and supply chain resilience

Embedding ESG innovation, sustainable energy transition, and digital technologies to secure long-term competitiveness and resilience



Adaptive business growth

Executing customer and market-driven strategies to create value and capture opportunities in high-potential business arenas



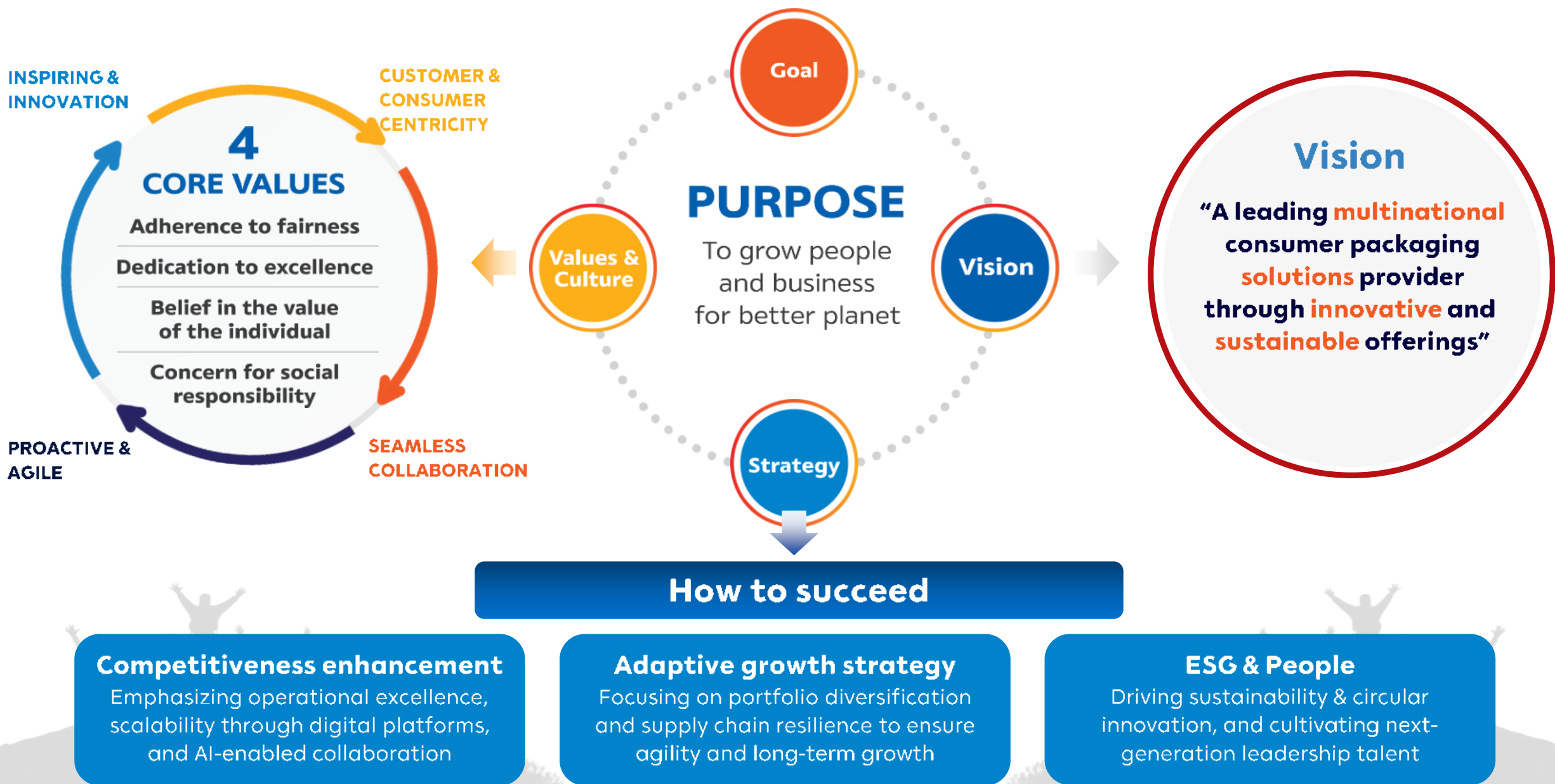
Organizational capability

Strengthening employee engagement, connectivity, and readiness by enhancing people capability to support sustainable growth



5. Appendix

SCGP vision & strategy



SCGP Aspirations, where to play

Grow the core, expand to adjacency, and enter into new business

Integrated sustainable packaging solutions

Primary packaging

Flexible packaging Rigid packaging

Secondary packaging

Display packaging/promotional packaging Marketing & event

Tertiary packaging

Corrugated carton Paper pallet Honeycomb Corner guard Paper partition

Household products

Containerboard

Graphic & fine paper

Duplexboard & coreboard

Specialty paper

Sack kraft & industrial bag

Pulp

Plasterboard liner

Woodchip

Recycling

Plantation

2024 Revenue: 124,561 MB (94%)

Adjacency

Foodservice packaging

Food box Tray Cup

Plate & bowl Wooden cutlery

2024 Revenue: 5,725 MB (4%)

New business

Labware disposable Reagent/test kits

Syringe Emerging market

2024 Revenue: 2,498 MB (2%)

Assessment Results and Recognition Awards

ESG rating

No. ¹	Agency	Scale (best to worst)	Latest update
1	S&P Global	100 - 0	87/100 Score Top 1% S&P Global ESG score in Containers & Packaging sector (Sep 2024)
2	CDP	A - F	Climate change: A- , Forest: B , Water security: B (2024) in the Light manufacturing (Feb 2025)
3	ecovadis Business Sustainability Ratings	Platinum - Bronze	Platinum 89/100 (May 2025)
4	SET AAA ESG Ratings 2024	AAA - BBB	Rating at AAA (Dec 2024)
5	carbon neutral network	Gold - Bronze	Gold rating at excellence level in 2023-2024 (Sep 2024)
6	FTSE RUSSELL An LSEG Business	5 - 0	Rating score increased to 4.1 score (Jun 2025)
7	MSCI	AAA - CCC	Rating at A (Sep 2024)
8	SUSTAINALYTICS	Negligible - Severe	Low Risk (May 2025)

Note: 1-5 are active ratings, 6-8 are passive ratings

Recognition Awards

SET Awards of Honor in 2024



Best Innovative Company Awards

SCGP was recognized for the development of "New Hybrid Eucalyptus hybrid clones for sustainability." Through advanced molecular biology techniques, the research creates the hybrid clones that can boost yields by 40%.

World Corrugated Award 2025



- **Supply chain management excellence of the year** for the "Development of carbon footprint calculation."
- **Best ESG demonstration of the year** for the "renewable energy system installation in paper packaging factory."



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