

ENGINEERED FOR good

EPSON

# EPSON SEA SUSTAINABILITY REPORT FY2024

Steeped in Heritage.  
Advancing into a Sustainable Future.





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# About This Report

## Reporting Framework

This Sustainability Report has been compiled with reference to the Global Reporting Initiative (GRI) standards for 2021.

## Organisational Details

The reporting organisation is Epson Singapore Pte. Ltd. (refers as “Epson SEA”), headquartered in Singapore with operations in Singapore (SG), Indonesia (ID), Malaysia (MY), Philippines (PH), Thailand (TH) and Vietnam (VN). Epson Singapore Pte. Ltd. reports to Seiko Epson Corporation (SEC), its Global Headquarters, in Nagano, Japan.

## Scope of Report

The scope of this report covers all Sales & Marketing and Distribution operations, facilities and six entities (refers as “Epson Singapore”, “Epson Indonesia”, “Epson Malaysia”, “Epson Philippines”, “Epson Thailand” and “Epson Vietnam”) under the direct control of Epson Singapore Pte. Ltd., unless otherwise stated.

## Assurance Approach

No external assurance was sought. GHG Scope 1 & 2 emissions were internally audited post-FY24 according to the ISO14064-3 standard.

## GHG Restatements

Restatements relating to GHG emissions can be found under “Restatements and Index”.

## Frequency & Period of Report

The annual report aims to articulate the reporting organisation's Environmental, Social and Governance-related (ESG) impacts for FY2024, i.e., 1 April 2024 to 31 March 2025.

## Publication Date

5 September 2025

## Feedback

We are committed to continuously improving our reporting practices and welcome feedback from stakeholders to enhance the quality and relevance of our reports:

**Ms. Tan May Lin**  
Sustainability Task Force Leader  
Epson Singapore Pte Ltd  
Email: [sustainability@esp.epson.com.sg](mailto:sustainability@esp.epson.com.sg)





# Opening Statement from Our Regional Managing Director

## Engineered for Good: Epson's Commitment to Sustainability

As we navigate the complexities of our time, it's clear that environmental challenges and societal issues pose significant risks to our planet and communities. At Epson, we recognise our responsibility as a technology company to take proactive steps in addressing these challenges.

Globally, Epson has set ambitious goals to become carbon negative and underground-resource free by 2050. To achieve this, we are taking bold actions:

- We have achieved a 100% renewable electricity supply across all Epson sites worldwide, ensuring that every product we offer is manufactured with clean energy.
- We are also reducing greenhouse gas emissions in logistics by improving loading efficiency, optimising routes and using alternative fuels.
- Beyond operations, our commitment is to provide customers with products and services that carry the value of low environmental impact, meeting society's urgent need for sustainable solutions.

These global commitments guide our actions here in Southeast Asia. Aligned with Epson's goals, we are focusing on three strategic pillars: Environment, Organisation and Community.

On the environmental front, we are making strides in reducing energy consumption through Green Mark certifications for our offices and cutting emissions via drop shipments. In FY24, we avoided 21% more emissions compared to FY23. We are also setting annual targets for route optimisation and sharing these achievements internally to build collective momentum for sustainability across the region.

Within our organisation, we are embedding sustainability into the way we work by engaging stakeholders at all levels and empowering employees through training. We are also strengthening our reporting in line with the GRI framework and ensuring accountability through internal audits. We believe that what gets measured gets managed, and we remain committed to using data and transparency to accelerate our journey.

Finally, in our communities, we're taking direct environmental action to reduce ocean plastic waste through public education, community engagement, and targeted interventions. By working together and sharing a sense of purpose, we can drive long-term value for our stakeholders and contribute to a more sustainable future.

I'm proud of the progress we've made, and I'm excited about the opportunities ahead. Together, let's continue to innovate with a sense of purpose and drive meaningful impact for the planet and its communities.

“ We must embed sustainability into our organisational DNA to navigate this landscape, ensuring it influences strategic decisions and everyday actions. ”

**Siew Jin Kiat**  
Regional Managing Director  
Epson Singapore Pte. Ltd.

Executive Officer  
Seiko Epson Corporation



# Updates from the Sustainability Taskforce

## Sustainability in Action: Progress and Future Commitments



Our taskforce has been working hard to drive meaningful change, and we're proud to report that we've continued to focus on the issues that matter most to our stakeholders. We've streamlined our reporting to align with the SEC's framework, and expanded our data foundation to track our progress.

A recent internal audit of our greenhouse gas emissions has given us valuable insights, and we're using these to strengthen our data collection and accountability. We've also brought our regional and country champions together to share best practices and develop action plans. We're committed to continuous improvement and look forward to building on this momentum to create a more sustainable future.

**Tan May Lin**  
Sustainability Task Force Leader  
Epson Singapore Pte. Ltd.

“ Together, we're making significant strides in sustainability, driving a culture of responsibility and awareness across our organisation. ”

We've made steady progress in driving sustainability across our region, aligning our activities with SEC's global sustainability goals and ensuring local relevance with global impact. Our efforts have focused on cultivating sustainability advocacy among employees, both in and out of the workplace, and promoting responsible practices. Notably, we've made significant strides in reducing plastic waste, collecting 1417kg of waste and implementing office waste segregation practices.

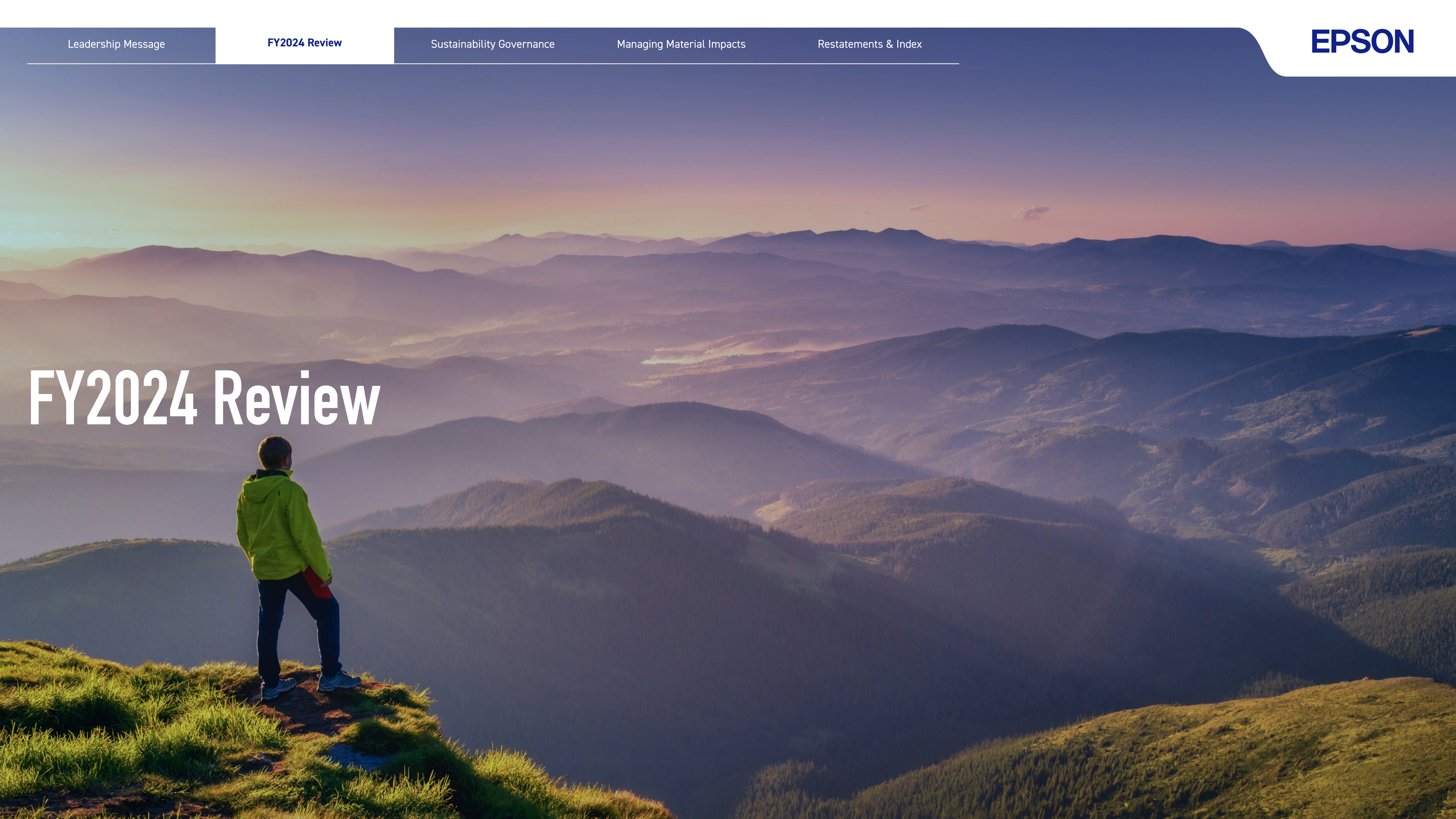
We've also reinforced our commitment to workplace health, safety, and well-being through various programs and employee engagement initiatives. Through sustainability seminars and learning sessions, we've continued to raise awareness about sustainability issues and promote a culture of responsibility. We're building on this momentum to drive further progress and create a more sustainable future.

**Alvin Tan**  
Lead for Country Initiatives  
Epson Singapore Pte. Ltd.

“ Our sustainability efforts are about empowering our employees and communities to drive positive change and create a better future. ”







# FY2024 Review



# Epson SEA at a Glance

A commitment to enrich lives and create a better world through efficient, compact and precise innovation.

Numbers under “Our Presence” represent headcount for full-time employees as at end of FY24.







Heat-Free EcoTank Printers

Designed with large-capacity refillable ink tanks, which can significantly reduce waste and the carbon footprint associated with frequent ink cartridge replacements.

High-Yield Business Inkjet Printers

Feature high-capacity ink cartridges that can help reduce the frequency of replacements and waste.



Sustainable Textile Printers

Use inks that meet textile industry certifications such as Oeko-Tex Eco Passport and Bluesign, ensuring fabrics are environmentally-friendly and safe for human use.



Energy-Efficient Projectors

Epson laser projectors are designed to be up to 70% more energy efficient compared to past models and are packaged using over 80% recycled cardboard.

Precision Robots

Designed to be energy-efficient, with features such as low-power motors and optimised motion control systems that help reduce energy consumption.



Advanced Paper Recycling System

Recycle paper into new paper products, reducing waste and the need for virgin materials.





Product Compliance	Sustainability Management	Green Product Labelling	Quality Management
<p><b>Products in Scope Certified By</b></p> <p><b>Singapore</b></p> <ul style="list-style-type: none"><li>• Infocomm Media Development Authority</li></ul> <p><b>Indonesia</b></p> <ul style="list-style-type: none"><li>• Direktorat Jenderal Infrastruktur Digital</li></ul> <p><b>Philippines</b></p> <ul style="list-style-type: none"><li>• National Telecommunications Commission</li><li>• Optical Media Board</li></ul> <p><b>Malaysia</b></p> <ul style="list-style-type: none"><li>• Standards and Industrial Research Institute of Malaysia</li></ul> <p><b>Vietnam</b></p> <ul style="list-style-type: none"><li>• Ministry of Information and Communications (Type Approval Certificate)</li><li>• Ministry of Industry and Trade</li></ul> <p><b>Cambodia</b></p> <ul style="list-style-type: none"><li>• Institute of Standards of Cambodia</li></ul> <p><b>Brunei Darussalam</b></p> <ul style="list-style-type: none"><li>• Authority for Info-communications Technology Industry of Brunei Darussalam</li></ul>	<p><b>Certifications</b></p> <p><b>Seiko Epson Corporation, Japan</b></p> <ul style="list-style-type: none"><li>• MSCI ESG Ratings – AAA</li><li>• CDP A List (Climate)</li><li>• FTSE4GOOD Index</li><li>• EcoVadis Platinum Rating</li><li>• ISO14001</li></ul> <p><b>Singapore</b></p> <ul style="list-style-type: none"><li>• BCA Green Mark Healthier Workplaces GOLD</li></ul> <p><b>Memberships</b></p> <p><b>Seiko Epson Corporation, Japan</b></p> <ul style="list-style-type: none"><li>• Responsible Business Alliance</li></ul>	<p><b>Certification obtained includes</b></p> <p><b>Seiko Epson Corporation, Japan</b></p> <ul style="list-style-type: none"><li>• Eco Mark<sup>1</sup></li></ul> <p><b>Singapore</b></p> <ul style="list-style-type: none"><li>• Singapore Green Labelling Scheme<sup>2</sup></li></ul> <p><b>Malaysia</b></p> <ul style="list-style-type: none"><li>• MyHijau Mark<sup>3</sup></li></ul>	<p><b>Certifications</b></p> <p><b>Seiko Epson Corporation, Japan</b></p> <ul style="list-style-type: none"><li>• ISO9001 SEC</li></ul>



<sup>1</sup> Search for [Epson products with Eco Mark certification](#)

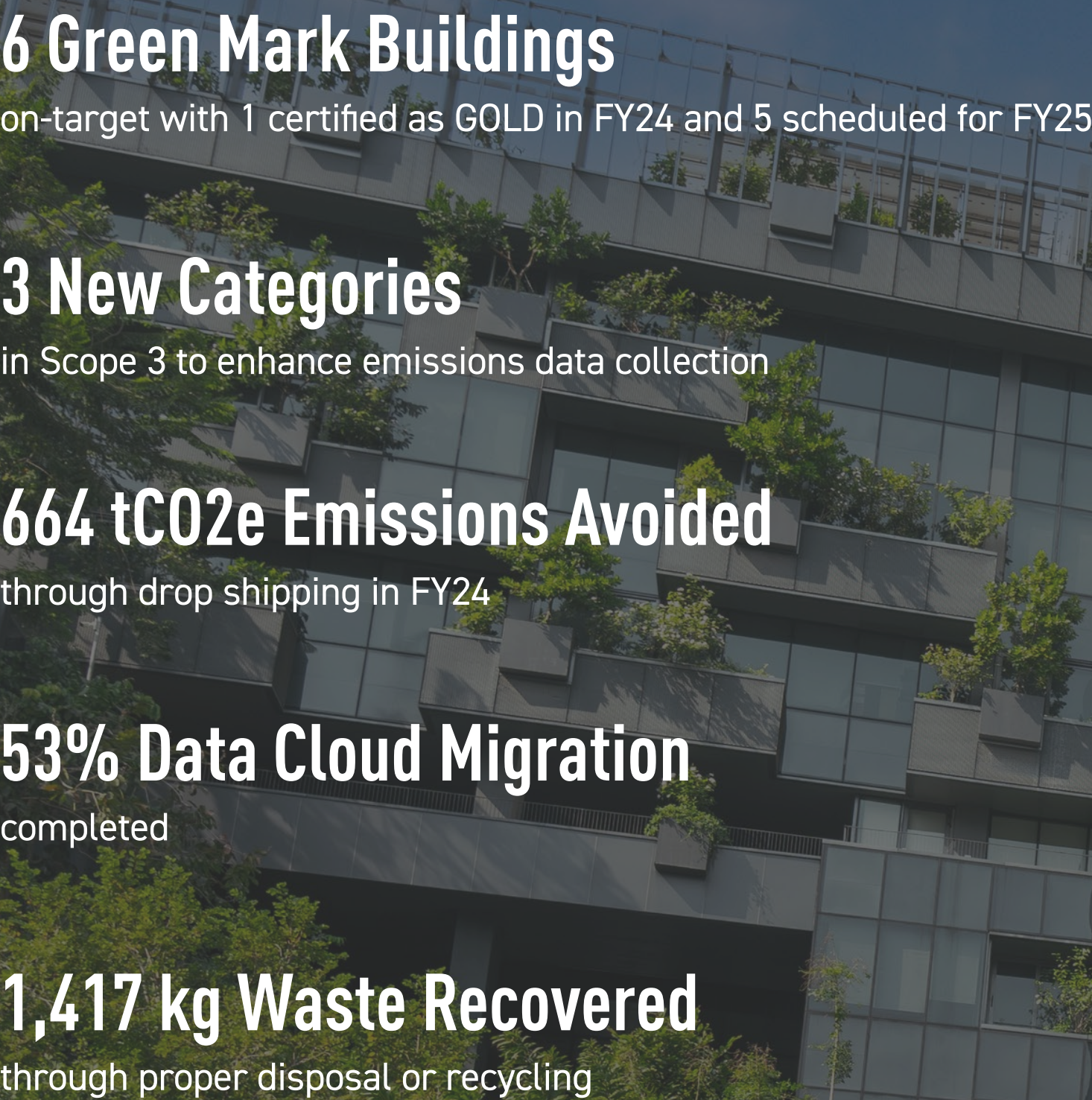
<sup>2</sup> Search for [Epson products under the Singapore Green Labelling Scheme](#)

<sup>3</sup> Search for [Epson products under MyHijau Mark](#)



# Sustainability Highlights

## Environmental



**6 Green Mark Buildings**  
on-target with 1 certified as GOLD in FY24 and 5 scheduled for FY25

**3 New Categories**  
in Scope 3 to enhance emissions data collection

**664 tCO2e Emissions Avoided**  
through drop shipping in FY24

**53% Data Cloud Migration**  
completed

**1,417 kg Waste Recovered**  
through proper disposal or recycling

## Social



**56 Stakeholder Seminars**  
conducted for 4409 visitors in 6 countries to promote sustainability

**100% Training Completion**  
for new employees in Unconscious Bias and DEI

## Governance



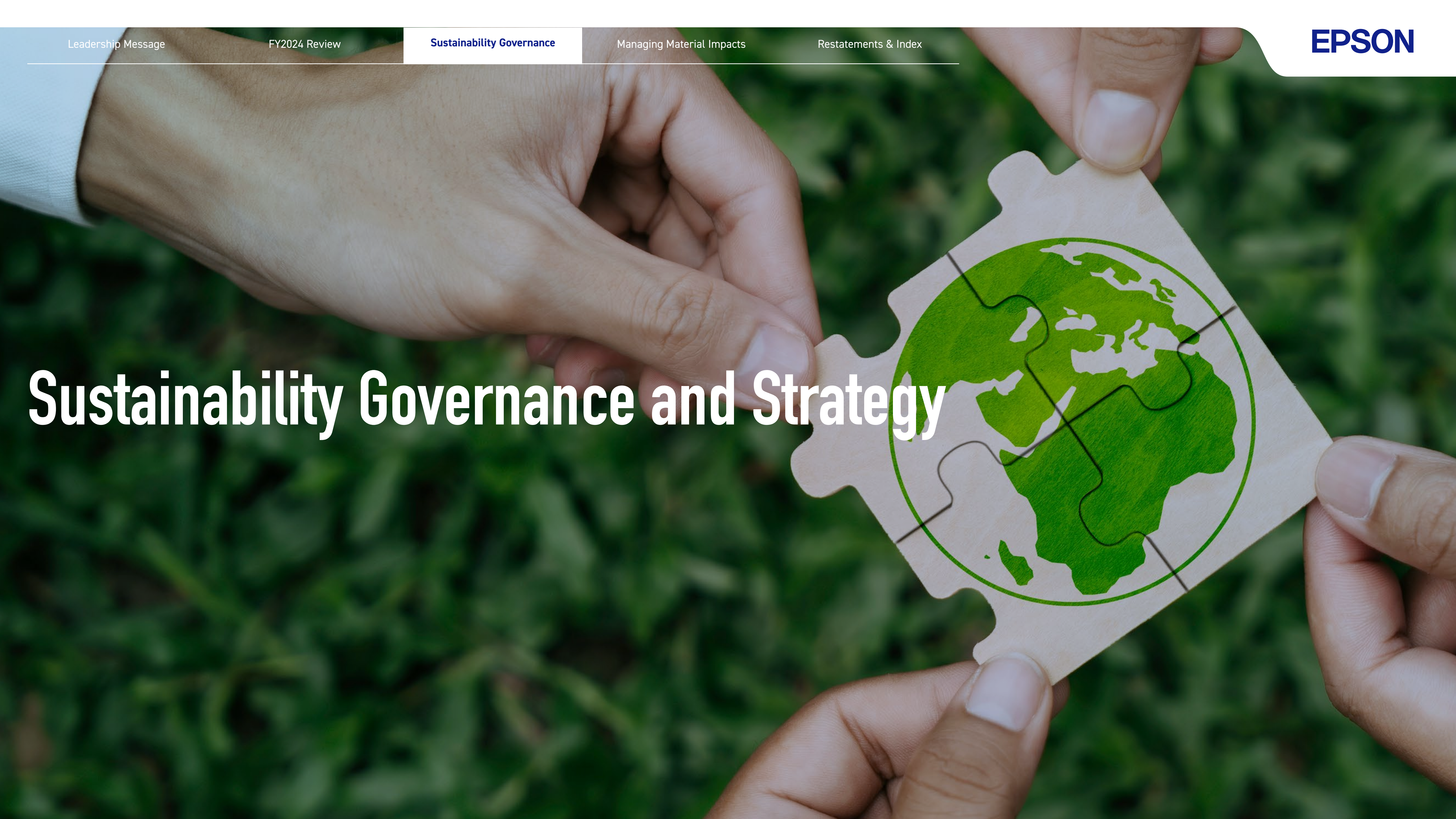
**100% Trained in Anti-Corruption**  
for all employees

**100% New Suppliers Screened**  
using environmental criteria

**12 ESG Surveys**  
conducted in 6 countries to understand sustainable practices among existing suppliers

**6 hours Compliance Training**  
completed per employee





# Sustainability Governance and Strategy



# Coordinated Governance Framework

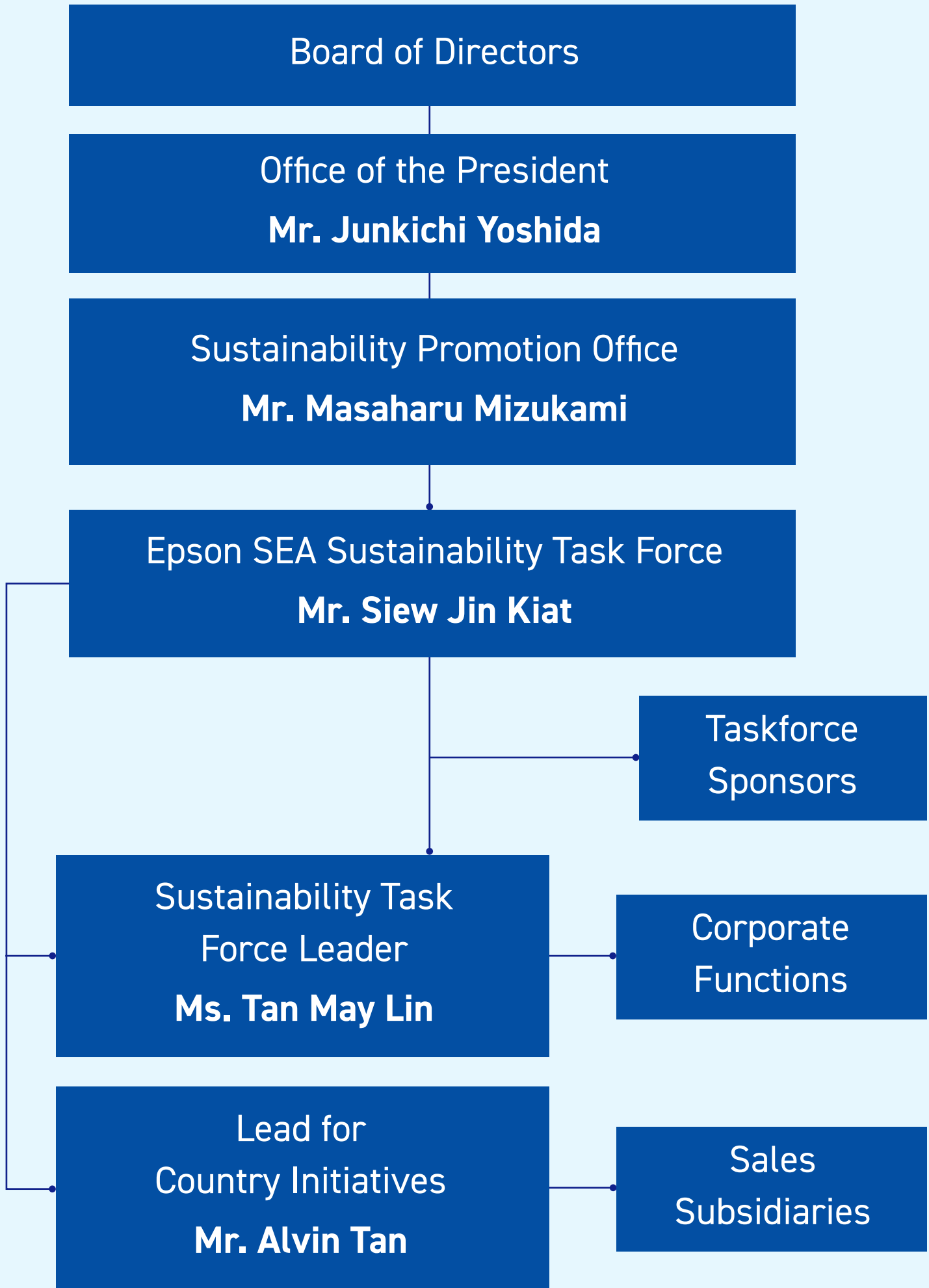


## Epson Global

The Sustainability Promotion Office, led by President Junkichi Yoshida, oversees global sustainability initiatives at Seiko Epson Corporation. Executive Director Masaharu Mizukami executes business-related sustainability initiatives. In Southeast Asia, the Sustainability Task Force, established in 2023, guides sustainability activities for six entities and regularly reports to the Sustainability Promotion Office, ensuring aligned strategies, performance tracking, and activity updates.

## Epson SEA

The Regional Managing Director leads sustainability efforts as the Sustainability Head, overseeing the Sustainability Task Force with support from Task Force Sponsors. The Task Force Leader and Lead of Countries Initiatives update this leadership team twice a year. Meanwhile, local teams on the ground provide essential support by collecting data and tracking performance, helping drive sustainability initiatives forward.





# Creating Values the Epson Way



## Purpose

Our philosophy of **efficient, compact and precise** innovation enriches lives and helps create a better world.

## Vision

### Epson 25 Renewed

Vision for sustainable development

### Environmental Vision 2050

Long-Term Environmental Goals

## Society

### Planet

Coexist with nature

### Society

Improve the working environment, educational access and conditions for marginalised communities

### People

Support diverse lifestyles, enrich lives and create new cultures



# Climate Goals

## Environmental Vision 2050

2030

Reduce total emissions in line with the 1.5°C scenario<sup>1</sup>

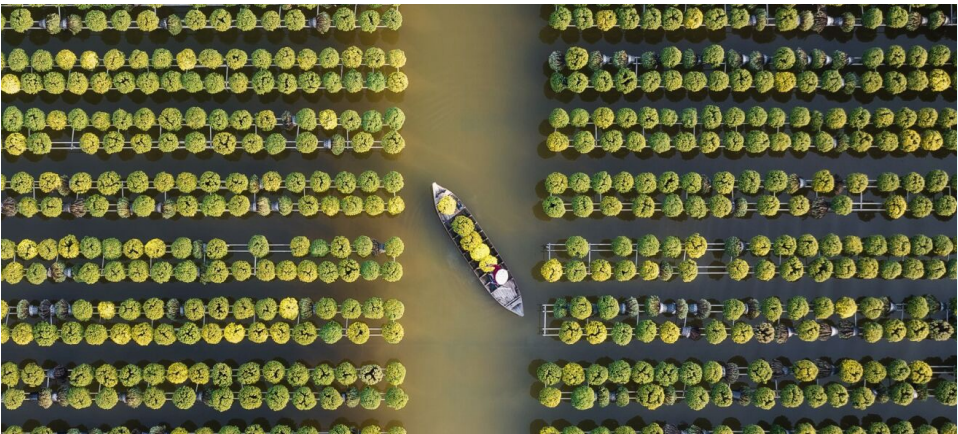
2050

Carbon negative and underground resource free<sup>2</sup>

<sup>1</sup> Aligned with the recommendations of the Science-Based Targets Initiative (SBTi)

<sup>2</sup> Non-renewable resources such as oil and metals

# Materiality in Epson SEA



Achieve Sustainability in a Circular Economy



Advance the Frontiers of Industry



Improve Quality of Life



Fulfil Social Responsibility



# Material Topics and Action Plans

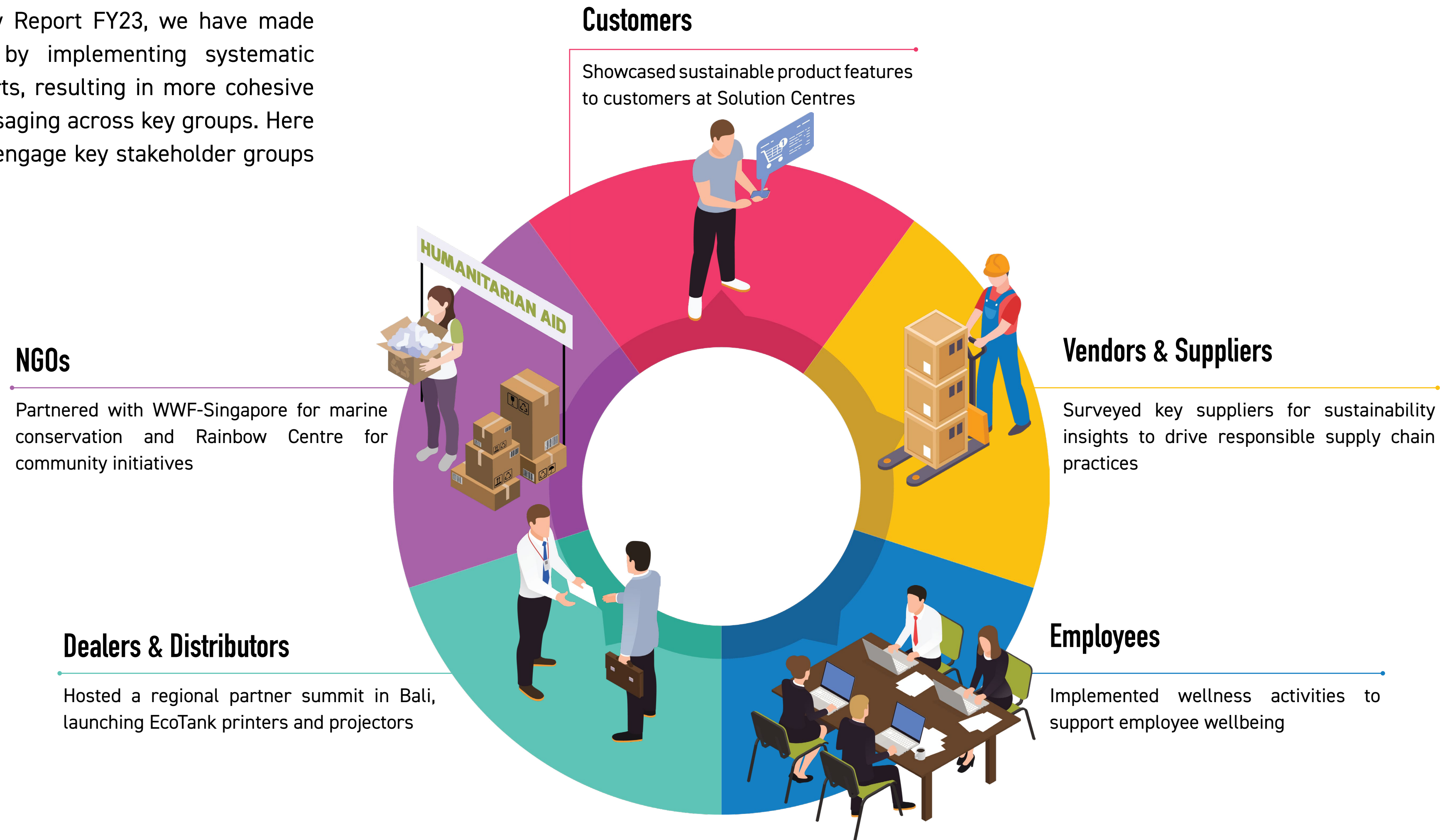
No new materiality assessment was conducted this year, as our last comprehensive assessment, reported in the Sustainability Report FY2023, remains relevant. We continue to monitor and address key issues. Changes made are in consolidating the material topics for significant reporting.

Materiality	Material Topics	Targeted Action Plans	
Achieve Sustainability in a Circular Economy	Decarbonisation Initiatives	Focus on Epson 25 Renewed Strategy	Reduce GHG emissions from purchased goods and services
		Relocate operations to Green Buildings	Reduce GHG emissions from transportation and distribution
	Closed Resource-Loop Initiatives	Close the resource loop through reducing waste sent to landfill	
	Responsible Supply Chain	Adopt Sustainable Procurement Policy and practices for indirect purchases	
	Customer Environmental Impact Mitigation	Equip Epson SEA employees with sustainability communication resources for effective stakeholder engagement	
Advance the Frontiers of Industry	Improving Productivity Through Digitalisation and Automation	Reduce paper waste with the adoption of application-based electronic agreement enterprise systems	Move local servers in all Epson SEA entities to Amazon Web Services (AWS) cloud-based data centre
	Strengthening Governance	Strengthen Anti-corruption policy	Enhance compliance training for all employees in Epson SEA
	Improving the Working Environment	Enhance identified processes and initiatives under the Employee Work Health Safety framework	
Improve Quality of Life	Enriching diverse lifestyle	Support different learning environments	Drive change through innovation
Fulfil Our Social Responsibility	Human Rights and Diversity	Commit to Diversity, Equality and Inclusion through awareness building	Embrace diversity and inclusivity in the community
		Conduct unconscious bias training and refresher courses for all Epson SEA employees	
	Sustainability for our future	Drive environmental conservation to protect our planet	Promote sustainability awareness and education



# Building Momentum in Sustainability Development

Building on our Sustainability Report FY23, we have made significant strides in FY24 by implementing systematic stakeholder engagement efforts, resulting in more cohesive and unified sustainability messaging across key groups. Here are some of the initiatives to engage key stakeholder groups across the region.





# Managing Material Impacts



# Achieve Sustainability in a Circular Economy

This entails initiatives aimed at driving sustainable economic activities by achieving closed-resource-loop systems through effective use of resources such as electricity, energy, and water and reduction in the usage of underground resources to control climate change.



# Achieve Sustainability in a Circular Economy



We progressively update and review our targets to ensure they remain relevant and achievable as our sustainability practices mature. Some action plans have targets, while others are being defined.

TARGET ACTION PLANS	SHORT TERM   BY 2025
Focus on Epson 25 Renewed Strategy	Maintain 100% renewable energy through RECs purchase
Relocate Operations to Green Buildings	Achieve Green Mark Gold equivalent certification for 5 country offices
Reduce GHG emissions from purchased goods and services	Introduce emissions criteria in vendor evaluation form
Close the resource loop through reducing waste sent to landfill	Phase out single-use plastics across Epson SEA
Equip Epson SEA employees with sustainability communication resources for effective stakeholder engagement	100% of employees to be educated on Epson SEA's sustainability efforts through e-learning initiative



## Decarbonisation

Epson SEA takes seriously our duty as a global corporate citizen to proactively mitigate current and potential adverse climate effects associated with our business activities. Our commitment to improving our energy efficiency and reducing our carbon footprint aligns with our Corporate Purpose and Epson's global environmental objectives.

## HIGHLIGHTS

### 6 Countries

Vehicular activity data for controlled vehicles were expanded from 1 country in FY23 to all 6 countries in FY24.

### 7% Recycling Rate

In FY24, all countries have implemented waste segregation practices, collecting and separating at least one type of waste from mixed streams. In FY23, only Singapore and Thailand had comprehensive year-round waste data, while other countries had partial data due to mid-year implementation of data collection and tracking systems.

### Scope 3 Expanded Emissions Reporting

In FY24, incidental costs from direct procurement have been added to scope 3 category 1 emissions reporting, building on the FY23 baseline of paper and bottled water.

### Scope 3 New Categories

C2 - Capital Goods

C11 - Use of sold products

C12 - End of life treatment of sold products

#### Conducted Internal Audit and Enhanced Processes

Epson SEA is committed to ensuring the robustness and accuracy of our GHG inventory for reliable climate action and reporting. Following the completion of FY24 data collection, GHG Scope 1 and 2 emissions were audited, simulating reasonable assurance protocols under ISO14064-3 Standard. Areas for improvement were identified and internal processes were strengthened.



GHG Calibration: FY23 vs FY24

SCOPE	EMISSION SOURCE CATEGORY	FY23 EMISSIONS (TONNES CO <sub>2</sub> E)	FY24 EMISSIONS (TONNES CO <sub>2</sub> E)
Scope 1 emissions	Direct emissions from stationary sources	No refrigerant data	
	Direct emissions from mobile sources	32.2	84.0
Scope 2 emissions	Purchased energy utilities	845.0	807.9
Scope 3 emissions	Purchased Goods and Services	103.4	155.2
	Capital Goods	18.4	186.8
	Upstream transportation and distribution	1,111.5	1,135.2
	Waste generated in operations	2.3	6.9
	Business travel	466.1	467.4
	Downstream transportation and distribution	276.8	273.3
	Use of sold products	Not collected	29,885.6
	End of life treatment of sold products	Not collected	41.4
Gross emissions	(excluding RECs)	2,855.7	33,043.7
	(after RECs)	2,010.7	32,235.8

This report includes several updates made to enhance the accuracy and integrity of our greenhouse gas (GHG) emissions calculations:

- **Refrigerants:** Emissions are now based exclusively on primary data sourced from maintenance invoices detailing refrigerant top-ups, replacing previous estimations.
- **Electricity:** The emission factor for electricity consumption has been updated from a secondary modelled source to a primary source provided by the relevant government authority.
- **Waste:** Waste treatment methods have been verified through vendor inquiries. Notably, the previously assumed landfill treatment method for Singapore was corrected to reflect actual combustion practices.
- **Mobile emissions:** Proper vehicle classification and mileage records have been rectified following the internal audit done this year.

For the full context, please refer to the restatement found in Restatements and Index.

In FY24, we have intensified GHG accounting as our commitment to Environmental Vision 2050.

Existing Scope 1, 2 and 3 categories are expanded in breadth and depth, particular for Scope 1 mobile emissions, Scope 3 purchased goods and Scope 3 waste generated in operations.

- **Scope 1 mobile:** covers all countries in FY24 compared to 1 country in FY23.
- **Scope 3 purchased goods:** expanded to cover direct procurement of accessories included in the products.
- **Scope 3 waste generated:** focused on more accurate weighing and covering all waste types in all countries.

The GHG scope also expanded from 5 Scope 3 categories in FY23 to 8 Scope 3 categories in FY24. The new categories are Capital Goods, Use of Sold Products and End of Life Treatment of Sold Products.

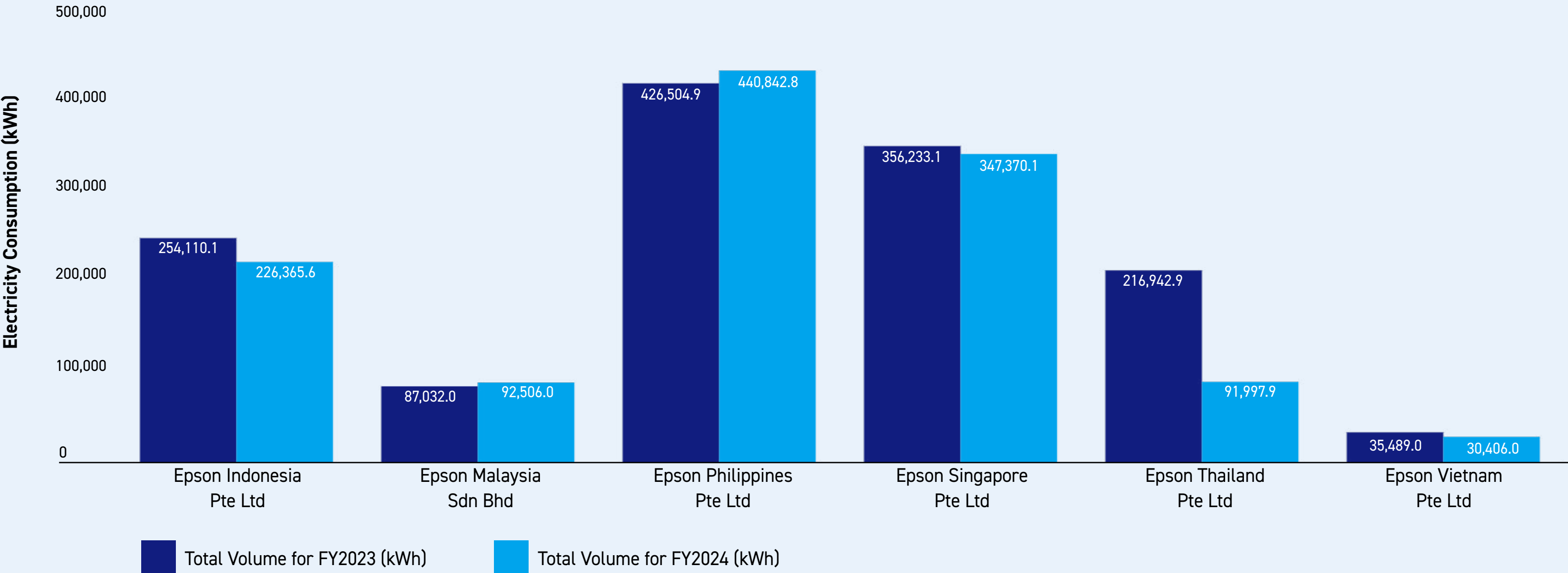
As continual commitment to RE100, Epson supports RE projects through purchase of RECs that offsets Scope 2 emissions.

From this year’s accounting exercise, use of sold products now form the majority of emissions. This is expected for a company focused on innovative products.





SCOPE 2 ELECTRICITY BY COUNTRY – YEARLY



TOTAL CONSUMPTION FOR FY23/24

Financial Years	FY2023	FY2024
Electricity Consumption (kWh)	1,376,312.0	1,229,488.4
GHG Emissions (tonnes CO <sub>2</sub> e)	845.0	807.9

Overall electricity consumption decreased by 11% year-on-year, while emissions fell by a lower proportion at 4% due to an increase in Indonesia’s grid emission factor. The optimisation of electrical consumption is attributable to the progressive green certification of buildings in Epson SEA. Key contributions include:

- **Epson Singapore:** Increased emissions reductions in line with Green Mark Gold status achieved in FY23
- **Epson Thailand:** Relocation to an energy-efficient building in line with energy efficiency standards set in FY23Q4
- **Epson SEA:** Energy improvement measures implemented for green mark certification for 5 additional buildings

Reduced Electricity Consumption

11%

YoY reduction from FY23 to FY24

Improved Emissions Performance

4%

YoY reduction from FY23 to FY24



## Green Certified Spaces

Epson is certified under the Green Mark for Healthier Workplaces and Green Mark for Retail schemes, recognising our commitment to sustainable practices and healthy built environments for employees and customers.

BUILDINGS		BCA GREEN MARK CERIFICATION FY24
Epson Singapore Pte Ltd		Healthier Workplaces Gold
BUILDINGS		BCA GREEN MARK CERIFICATION FY25 <sup>1</sup>
PT. Epson Indonesia	Healthier Workplaces Platinum	
Epson Philippines Corporation		
Epson (Thailand) Company Limited		
Epson Vietnam Pte Ltd		Healthier Workplaces Gold <sup>PLUS</sup>
Epson Indonesia Solution Centre		Retail Platinum

<sup>1</sup> Green Mark Certifications are on track to be issued by early FY25

### Epson Thailand

Average monthly electricity savings after green relocation and optimisation:

14,747 kWh

## BCA Green Mark Certification

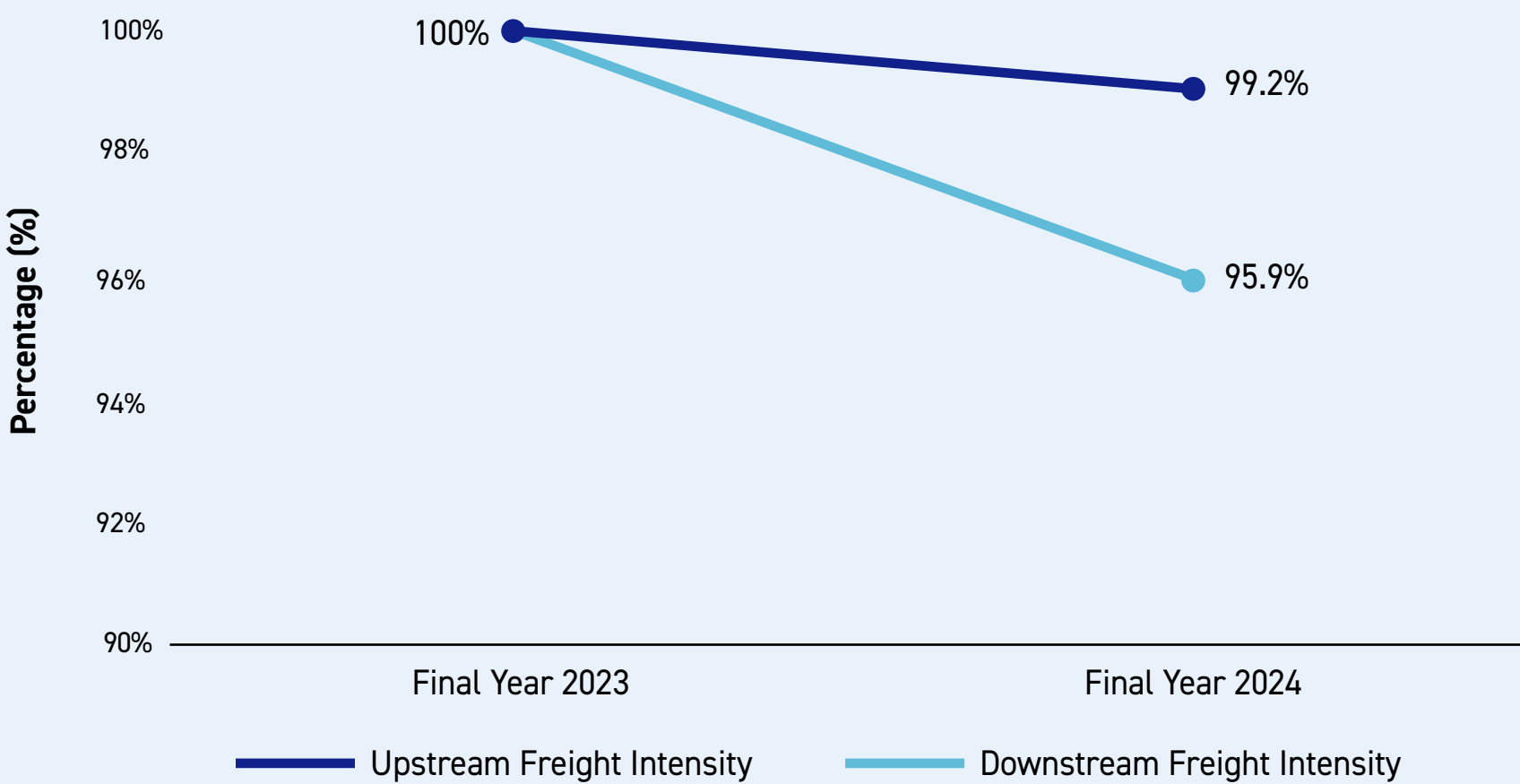
The BCA Green Mark Schemes promote sustainable building practices, recognising envrionmentally friendly design, construction, and operations. These efforts help reduce energy consumption and minimise environmental impact in built environments globally.

Green Mark for Healthier Workplaces		Green Mark for Retail	
01	Sustainable Design and Management	01	Reduced Operating Costs
02	Energy and Resource Management	02	Minimised Energy Consumption
03	Office Environment	03	Lower Cooling Load
04	Workplace Health and Wellbeing	04	Maintained Aesthetics
05	Advanced Green and Health Efforts	05	Reduced Environmental Impact



# Scope 3 Transportation and Distribution

## FREIGHT EMISSIONS (NORMALISED INTENSITY BY REVENUE)



### Upstream Freight Intensity

In FY24, upstream freight emissions rose by 2.1% due to business growth. While higher sales volumes typically increase emissions, our proactive strategies helped us buck the trend. By optimising drop shipment practices through targeted goals and quarterly reviews, and by coordinating country-level demand and supply to reduce inter-company freighting, we managed to achieve a modest 0.8% decline in emissions intensity.

### Downstream Freight Intensity

We achieved a 4.1% improvement in downstream freight emissions intensity and a 1% decline in absolute emissions compared to FY23. This reduction was achieved by prioritising higher-value products and maximising the efficiency of each truck trip, leading to decreased freight activity relative to our revenue.





# Emissions Avoidance Through Drop Shipping

We are reducing our environmental footprint by expanding drop shipment operations, where products are shipped from factories directly to sales subsidiaries/customers, cutting shipping routes and avoiding carbon emissions. Since FY23, we have started the process to collect carbon emissions data, enabling us to set clear targets.

In FY24, we are moving ahead to set annual targets for route optimisation, and sharing avoided emission achievements with internal stakeholders, fostering collective momentum for sustainability across the region. The supply chain team holds quarterly progress meetings to ensure Epson SEA is on track to meet its drop shipment targets.

## Emissions Avoided

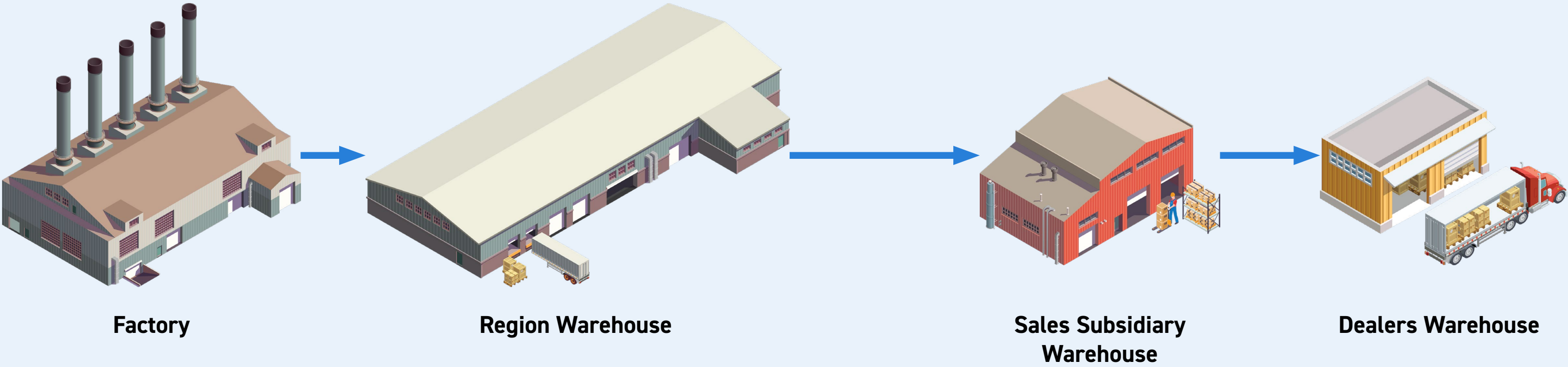
FY23

551 tCO<sub>2</sub>e

FY24

664 tCO<sub>2</sub>e

### Regular Shipping Process Flow



### Drop Shipping Process Flow





Scope 3 Emissions Measurement

Epson is expanding its Scope 3 emissions data collection to encompass a broader range of categories. This enhanced data collection will provide a more comprehensive understanding of Epson's indirect emissions across its value chain, enabling the company to identify areas for reduction and develop targeted strategies to minimise its environmental footprint.

By gathering more detailed emissions data, Epson can drive sustainability initiatives and make informed decisions to reduce its overall carbon impact.

Category 1

Purchased goods and services



Category 2

Capital goods



Category 11

Use of sold products



Category 12

End-of-life treatment of sold products



5 kWp Grid-Tied Solar Power System

Since January 2024, Epson Indonesia has installed a 5 kWp on-grid solar panel system with an inverter at its office, supporting its efforts to reduce emissions.



Grid-tied 5 kWp Solar Panel System at EIN Solution Center

Epson Indonesia

Reduced electricity consumption by

6,589 kWh

cutting emissions by 2.8%



## Closed Resource-Loop

We prioritise resource efficiency and sustainability throughout its product lifecycle. This commitment is reflected in Epson's global Corporate Purpose, which aims to maximise the value and minimise the impact of our products from design to disposal. We are actively working towards a more circular economy through Closed Resource-Loop initiatives across our operations, demonstrating our dedication to responsible global citizenship.

### HIGHLIGHTS

## Water Consumption in the Offices

Water consumption has been optimised as part of the journey to improve facilities and this is recognised by the ongoing Green Mark certification across all offices started since FY23.

Total Water Consumption	ESPG FY23	ESPG FY24
	2,435.2m <sup>3</sup>	2,312.7m <sup>3</sup>

## Waste from Office Operations

In FY24, we enhanced our waste management practices, building on the lessons learned from FY23 when only two countries had comprehensive waste data. To improve accuracy and consistency, we implemented the following initiatives:

- Standardised waste data collection across all countries, with twice-daily measurements using accurate scales
- Reinforced waste segregation practices to prevent contamination with general waste
- Partnered with vendors to ensure proper recycling, verifying that materials were correctly processed

These efforts paid off, with 7% of our overall waste being properly recycled in FY24. This marks a significant improvement from FY23, demonstrating the effectiveness of our enhanced waste management strategies.

WASTE CATEGORY	FY2023 (kg)	FY2024 (kg)
Organic: food and drink waste	563.5	1,099.1
Paper and board: board	140.0	1,324.9
Paper and board: paper	4,253.3	5,893.4
Plastics: average plastics	703.3	1,531.9
General mixed waste	7,771.4	11,336.9
Electronic waste	9.3	65.3
Total	13,440.8	21,251.5
Recycled	0	1,556.3 (7.3%)



Product End-of-Life Management

E-Waste Management

As part of our sustainability efforts, we participate in Singapore's National Environment Agency's e-waste management scheme, Extended Producer Responsibility (EPR), ensuring responsible e-waste management and recycling. Our participation demonstrates our commitment to properly manage e-waste, promoting sustainable practices, and conserving natural resources.

Ink Cartridges and Bottles Disposal

From 6 March 24 to 26 August 24, Epson Singapore launched the Ink Bottle and Cartridge Collection and Disposal Programme in collaboration with the Singapore Environment Council. As we concluded phase 1, we remain committed to responsible product lifecycle management and look forward to exploring further opportunities for sustainability in the years to come.



Epson Singapore  
E-waste collection  
**130 tons**

Ink consumables  
**354 kg**

Closing the Loop with PCR

Epson Thailand is collaborating with a partner on the use of high-quality PCR (Post-Consumer Recycled) mechanical process in the management of its ink bottles. This initiative enables the recycling of used ink bottles into high-quality recycled materials, reducing waste and promoting a more circular economy. By leveraging advanced PCR technology, Epson Thailand can minimise the environmental impact of ink-related waste, conserve natural resources, and support its commitment to environmental sustainability.

High Quality PCR Mechanical Recycling Process



Compliance with Waste Management Regulation

Epson Malaysia has successfully partnered with a waste management company to implement a responsible waste management programme. Through this collaboration, used ink cartridges and toners are collected and disposed of via incineration, ensuring safe treatment in accordance with the Environmental Quality Act 1974 and its regulations. This initiative demonstrates Epson Malaysia's commitment to environmental sustainability and responsible waste management practices.

Epson Thailand  
Ink Consumables  
**712 kg**

Epson Malaysia  
Ink Consumables  
**560 kg**



Product End-of-Life Management

Corporate Waste Management

Epson Philippines launched their Corporate Waste Collection Programme to collect ink cartridges, bottles, and used packaging materials from customers, giving them a second life in creative ways. These materials are transformed into functional items like school chairs, tables, tiles, bricks, lamps, and waste bins, promoting sustainability and reducing waste in landfills.



Epson Philippines

218 kg

of e-waste, ink bottles and packaging collected from corporate customers in Philippines

Office Waste Management

Epson Thailand and Philippines promote sustainable office waste management through employee education, designated bins, and vendor partnerships. Despite challenges like limited recyclable waste and vendor availability, they remain committed to innovating and adapting to achieve their environmental goals.

Epson Indonesia and Epson Thailand has implemented several initiatives to manage office waste. These include using a food cycler machine to recycle food waste into fertiliser, adopting digital business cards, limiting paper purchases, and reusing non-confidential wastepaper for internal use.



Responsible waste management in Epson Thailand



Proper waste segregation in Epson Philippines

Epson Indonesia and Epson Thailand

513 kg

of food waste recycled into fertiliser using a food cycler machine

Epson ID: 346 kg

Epson TH: 167 kg

Single-Use Plastic Waste Management

Epson offices in the region are reducing plastic waste by eliminating single-use bottled water from pantries since FY23, and further cutting plastic cutlery from FY24 onwards.



Single-Use Plastic Phase-Out

Target

Zero single-use plastic in Epson SEA by FY25

Progress in Epson Singapore

FY23 Zero single-use plastic bottles

FY24 Zero single-use plastic cutlery and straws



# Sustainable Laptop Leasing Model

Since February 2025, Epson SEA has adopted a laptop leasing model, aligning with its commitment to sustainability. By leasing laptops, Epson encourages manufacturers to design products with recyclability and reuse in mind, ultimately reducing its carbon footprint.

## Responsible Leasing Criteria

- Environmental and Safety Certifications**
- ISO 14001:2015 (Environmental Management System)
  - ISO 45001:2018 (Occupational Health & Safety Management System)

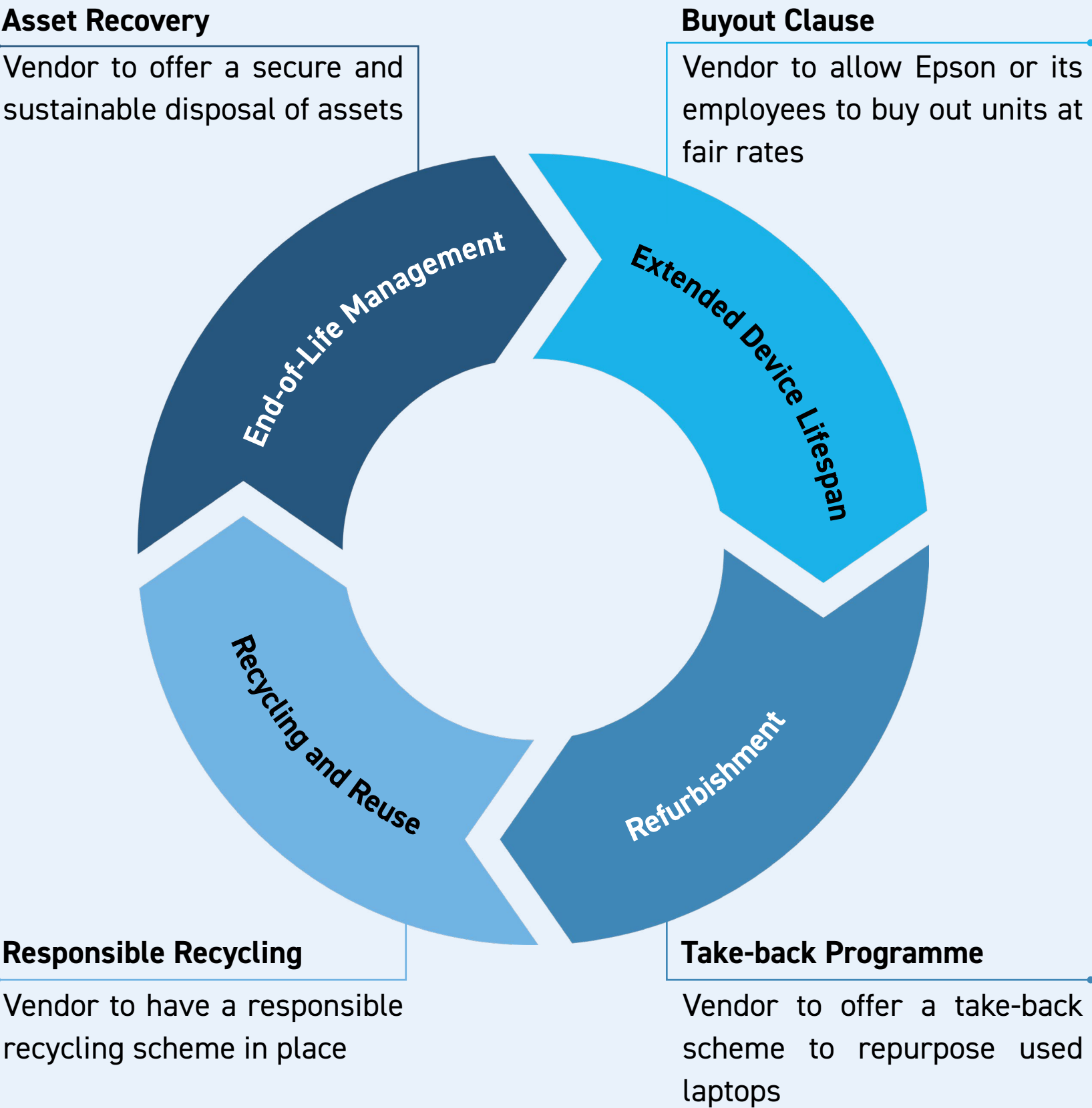
- Information Security and Data Protection**
- ISO/IEC 27001:2022 (Information Security Management Systems)
  - Data Erasure Report
  - Certificate of Destruction

- Sustainable Practices**
- The Sustainable Electronics Reuse & Recycling (R2) Standard v3 Certification

- Power Efficiency Considerations**
- Computer Type
  - Annual Power Consumption
  - Power consumption in sleep mode
  - Power consumption in off mode

- The Green Essentials**
- Made with sustainable recycled materials
  - Packaged with waste reduction in mind
  - Designed to save energy

## Responsible Leasing Framework



## Laptop Replacement Targets

FY25	FY26	FY27
50%	100%	100% <sup>1</sup>
Epson Singapore	Epson Singapore	Epson SEA

<sup>1</sup> Epson Vietnam is not included in this programme, as the equipment vendor does not have a presence in Vietnam.



# Responsible Supply Chain

We recognise our responsibility at Epson SEA to manage supply chains in a way that meets customer expectations. This includes sourcing materials ethically and ensuring efficient logistics.

While there is always room for improvement, we are taking steps in the right direction to live up to our customers' trust and deliver value through responsible supply chain management.





How Epson Partners Responsibly

Doing the Right Thing

We respect human rights and the environment in our supply chain, following global rules and laws. These values are contained in the Epson Global Group Supplier Guidelines and Epson Business Partner Code of Conduct and given to all suppliers. By FY26, our suppliers will sign to acknowledge their understanding of these documents, ensuring a shared commitment to the Epson values.

Global Responsibility

We are committed to global standards, supporting the UN Guiding Principles and SDGs. As an RBA member, we drive responsible supply chain practices and adhere to their code.

Green Procurement Evaluation

100%

of new suppliers evaluated in FY24

43%

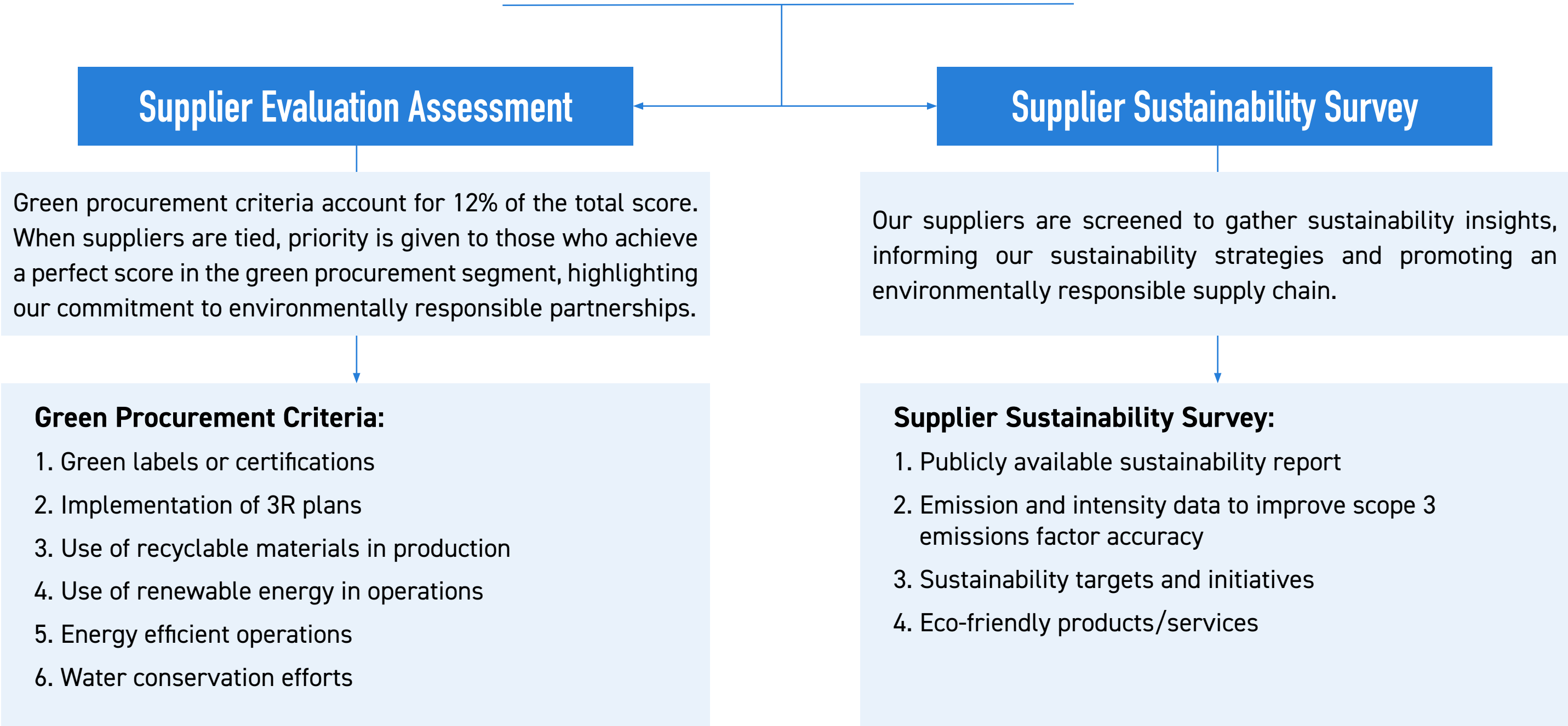
of all suppliers screened in FY24

Supplier Sustainability Survey

12

key suppliers surveyed in FY24

Green Procurement Framework



Epson Business Partner Code of Conduct

INTEGRITY	SAFETY	SUSTAINABILITY
Anti-corruption Fair competition Honest & accurate dealings Fraud prevention Responsible material sourcing Conflict of interest	People Process Product	Human rights Employment relationships Environmental protection Subcontractors compliance Grievance



# Customer Environmental Impact Mitigation

Our customers expect us to back up our sustainability claims with accurate and verifiable information.

To meet this expectation, Epson SEA is committed to innovating responsibly, implementing sustainable practices like closed-loop initiatives, and keeping our stakeholders informed through transparent communication.



# Innovation For Impact


With nearly a century of innovation behind us, Epson remains committed to enriching lives and creating a better world. Our products are designed with purpose, undergoing rigorous research and development to ensure they are efficient, compact, and precise. This thoughtful approach eliminates errors and waste, reflecting our dedication to making a positive impact.



Projectors offer

**up to 70%**

improved energy efficiency compared to past models



EcoTank Printers avoided

**1.3M tons**

of CO<sub>2</sub> emissions from consumables to date<sup>1</sup>



Oeko-Tex Eco Passport-certified inks

are used in our Textile printers to meet globally recognised standards<sup>2</sup>

PaperLab uses

**Dry Fiber Technology**


to turn waste paper into new paper



Business Inkjet Printers consume

**up to 85%**

less power than its predecessor





Robots consume

**up to 40%**

less power than its predecessor

For an updated product specifications, please visit <https://corporate.epson/en/sustainability/environment/products/products.html>

<sup>1</sup> Epson estimated CO2 emission savings by comparing ink bottle and cartridge usage up to Dec 2023, based on their own evaluation conditions. Actual emissions may vary depending on customer usage.

<sup>2</sup> Sustainability and safety standards for the textile printing include OEKO-TEX, Global Organic Textile Standard (GOTS), ECO PASSPORT and bluesign.

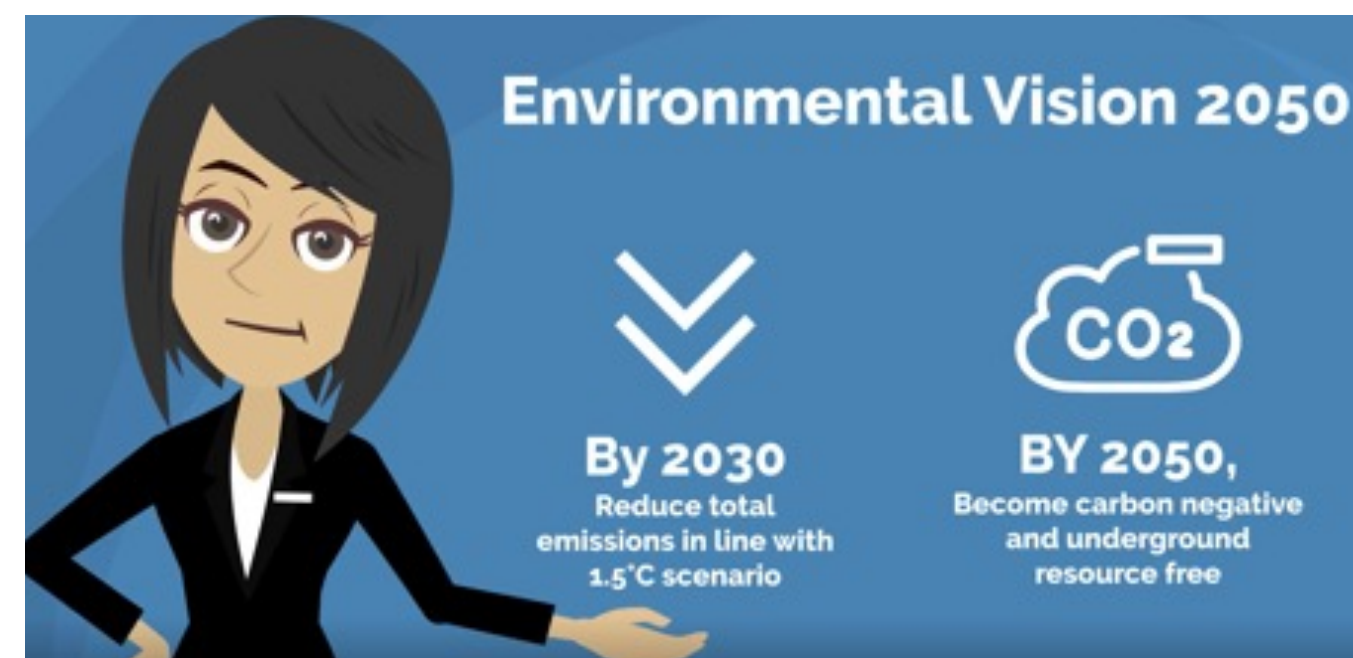


## Responsible Sustainability Communication

To equip employees with the knowledge and tools to communicate sustainability responsibly, Epson SEA conducted a sustainability workshop for key taskforce members and launched an e-learning module to share our sustainability journey and messaging with all employees in FY24. These efforts aim to empower employees to effectively convey Epson's sustainability story and values.



Epson Sustainability Workshop conducted for Epson Taskforce members in FY24



Epson Sustainability e-learning for all employees launched in FY24

## Driving Sustainability for Customers: Daikin's journey towards responsible printing

Epson's tailored print solution is helping Daikin drive sustainability and efficiency in its Singapore office. By deploying multiple Workforce Enterprise AM-C4000 printers connected to a shared server, Daikin has streamlined printing processes, reduced travel time for employees, and enhanced security with features like IP address filters and confidential printing. The Business Inkjet Printers' low energy consumption and customisable design also support Daikin's sustainability goals, making them a fitting solution for modern offices prioritising environmental responsibility.



“I'm delighted that Epson's solution has made a tangible difference in our employees' daily lives. No more unnecessary trips up and down the building just to print documents! Plus, the enhanced security features have put our minds at ease, knowing our sensitive information is protected. It's a win-win for productivity and peace of mind.

**Mr. Donovan Chua**  
Managing Director  
Daikin Airconditioning  
(Singapore) Pte Ltd



# Advance the Frontiers of Industry

This entails initiatives aimed at transforming conventional processes to contribute to the resolution of social issues. Converting manufacturing processes from analogue techniques to digital, for example, is intended to help improve environmental pollution, labour, and other issues.





We progressively update and review our targets to ensure they remain relevant and achievable as our sustainability practices mature. Some action plans have targets, while others are being defined.

TARGET ACTION PLANS	SHORT TERM   BY 2025
Strengthen Anti-Corruption policy	100% completion rate of annual anti-corruption training among active employees and board of directors
	0 confirmed incidents relating to anti-corruption annually
	Ensure continued 24/7 access to whistleblowing channel
Enhance identified processes and initiatives under the Employee Work Health Safety framework	Maintain “0” work-related fatalities
	Target “0” work-related injury and illness



## Digitalisation and Automation

Epson's drive towards digitalisation and automation has yielded significant benefits. By adopting digital work processes and approvals, the company has streamlined operations, enhanced efficiency, and reduced environmental impact.

Moreover, migrating local servers to cloud-based infrastructure has likely reduced energy consumption, e-waste, and carbon footprint. This strategic shift underscores Epson's commitment to sustainability and positions the company for long-term success in a rapidly evolving business landscape.

Epson's digitalisation efforts have streamlined operations, reduced environmental impact, and empowered customers through innovative solutions like robotics and textile digitalisation. By leveraging cloud infrastructure and automation, Epson promotes sustainability and innovation, driving long-term success.





Our digitalisation and automation efforts yielded positive results, with the adoption of electronic agreements and cloud migration driving a reduction in paper usage. By transitioning to digital processes, we achieved an 11.3% decrease in paper purchases from FY23 to FY24, underscoring our commitment to sustainability and operational efficiency.



Cloud Migration Milestone

100% on-target

52.5% of all servers are hosted in AWS cloud-based environment, aiming for 100% by FY27



Electronic Agreements

55% improvement

76% of all work processes utilise digital approvals in FY24 from 21% in FY23



Paper Purchased

11% reduction

FY 23 | 5,153.9 kg  
FY 24 | 4,630.0 kg



## Strengthening Governance

At Epson SEA, we recognise that earning and maintaining the trust of our stakeholders is essential. To achieve this, we are committed to responsible governance, managing risks effectively, driving sustainable growth, and meeting our commitments on time.

We prioritise robust governance practices that uphold the highest standards of integrity and compliance, meeting the expectations of our stakeholders.



At Epson, we're dedicated to building trust and upholding robust governance. We've implemented key initiatives, including an Anti-Corruption policy, Whistleblowing Policy, and Compliance Training programmes, to ensure integrity and ethics across our organisation. These efforts reflect our commitment to transparency, accountability, and fostering a culture of trust with our stakeholders.

Anti-Corruption Commitment

The Anti-Corruption Policy communicates our intolerance for corrupt practices and covers areas like gifts, bribery, and reporting concerns. New employees are trained on the policy during onboarding, and existing employees attend annual refresher sessions.

COMPLIANCE TRAINING ATTENDANCE	ID	MY	PH	SG	TH	VN
Governance Body Members	3	4	3	3	3	3
Management	23	18	18	48	24	8
Non-Management	167	83	105	150	128	33



Epson Speak UP!

Epson Global has established a whistleblowing system, "Epson Speak UP!", which utilises EthicsPoint, a confidential reporting platform.

Who can report

- Employees
- Management
- Business partners
- All other stakeholders

Corporate Misconduct

- Legal violations
- Regulatory breaches
- Conflicts with company values

Substantiated cases refer to reports that have been verified and proven to be true or credible. Only one case remains under investigation, while 14 have been concluded within FY24, with the appropriate corrective/disciplinary actions meted out.

WHISTLEBLOWING INCIDENTS FY24

Total Reports	22
Substantiated cases	15
Concluded cases	14
Cases under investigation	1

Compliance Training Attendance  
100% from all Epson SEA employees



## Improving the Working Environment

At Epson SEA, improving the working environment is crucial to advancing industry frontiers. By growing talents and building capabilities, we drive innovation and expertise. Meanwhile, strengthening workplace health, safety, and wellbeing ensures our team is supported, engaged, and empowered to excel. Together, these initiatives foster a productive and creative work environment that propels us forward in the industry.



# Growing Talents and Building Capabilities

## Training Framework



## FY24 Training Focus

COMPETENCY-BASED TRAINING		
Strategic thinking and planning	Strategic Planning Workshop for Senior Management <b>30 participants   23-24 Oct 24</b>	
Communication and presentation skills	Persuasive Presentation Skills for Corporate Services <b>25 participants   19-20 Sept 24</b>	
Career growth and development	Career Development E-learning <b>802 participants   20 Mar – 4 Apr 25</b>	
TALENT DEVELOPMENT		
Executive Coaching	Special Projects	Overseas Assignments

### Self-Paced Upskilling on LinkedIn Learning

224  
courses

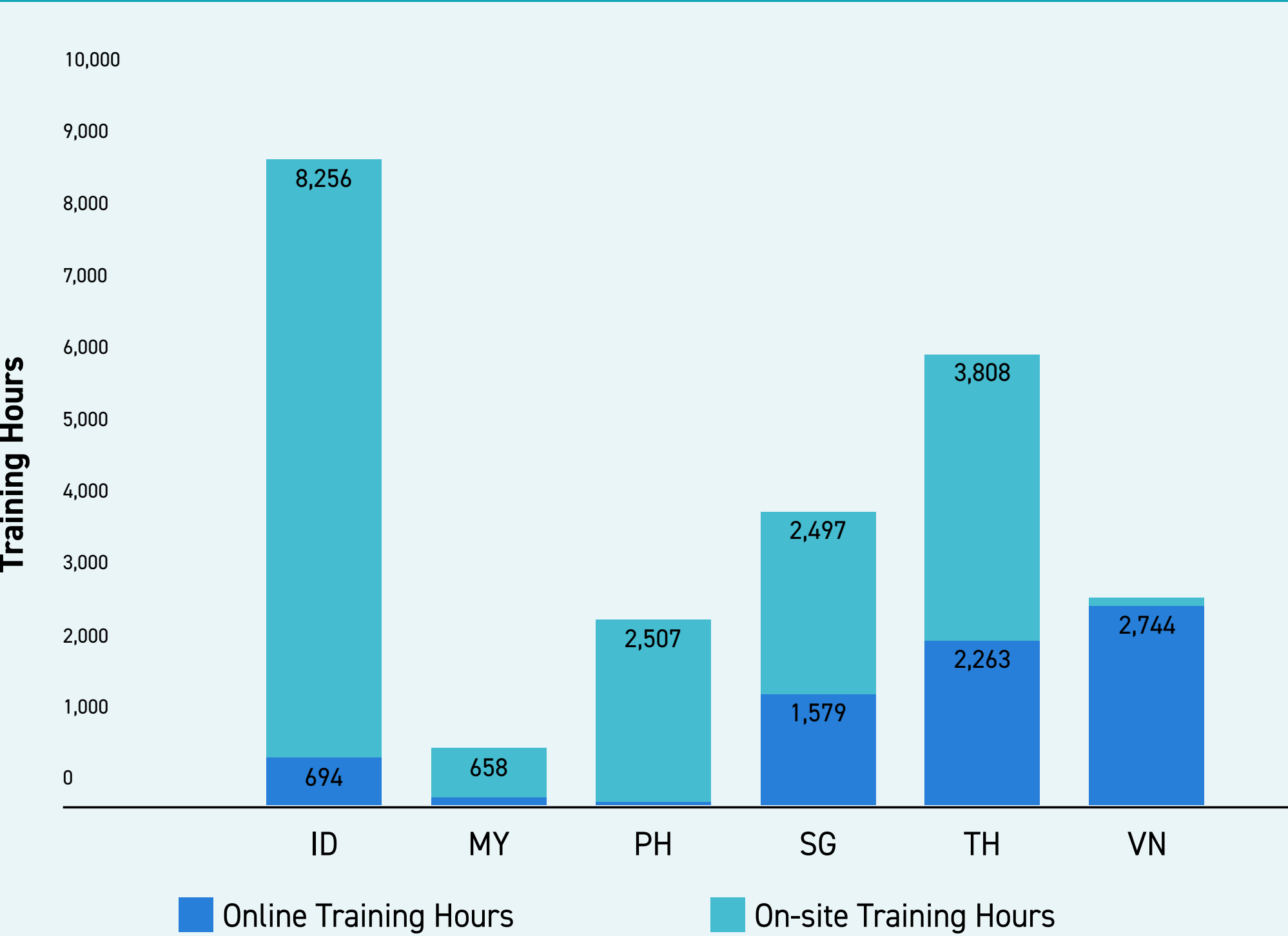
186  
hours

81  
employees



Growing Talents and Building Capabilities

FY24 TRAINING HOURS



FY24 Average Training Hours **21** hours per employee





Strengthening Workplace Health, Safety and Wellbeing

ISO 45001 Internal Auditor Training

In October 2024, 28 representatives from Epson's global offices successfully completed a two-day ISO 45001 Internal Auditor Training course, which equipped them with the expertise to drive occupational health and safety excellence across the organisation.



Occupational First Aid + AED Course

8 employees have completed in-house first aid training, and a First Aider List is prominently displayed in offices and solution centers near first aid boxes, ensuring easy access to trained responders in case of emergencies.



Workplace Safety Course

In August 2024, employees across all Epson countries completed the "Occupational Safety Education - 2024 Edition" e-learning course, enhancing their knowledge and awareness of workplace safety practices.



## Strengthening Workplace Health, Safety and Wellbeing

At Epson, we strive to provide a safe and healthy workspace, promote employee wellbeing, and foster a culture of care and support. By strengthening our workplace health and safety initiatives, we aim to enhance the overall quality of life for our employees, driving their happiness, engagement, and productivity.

### Safety Comes First



Annual Fire Evacuation Drill  
**Epson Thailand**  
Nov 24



CPR & First Aid Workshop  
**Epson Thailand**  
Jan 25



Stress Management & Health Check Up  
**Epson Malaysia**  
Jan 25



Pickleball With Us!  
**Epson Malaysia**  
Quarterly sessions

### Health Promotion



Fruit Day! Healthy Eating!  
**Epson Malaysia**  
Monthly Fruit Day



Evening Exercise Session  
**Epson Singapore**



Wellness, Mental Health & Self-Care Workshop  
**Epson Thailand**  
Sept 24

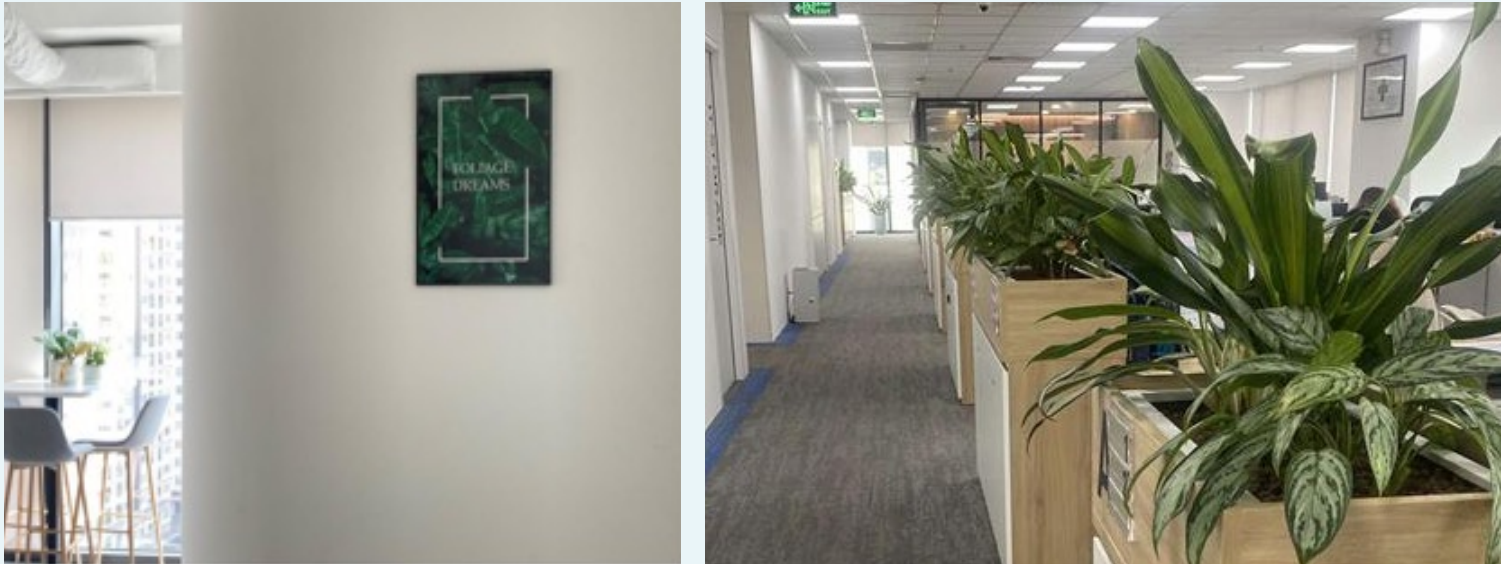


Yoghurt Day for Healthier Eating  
**Epson Thailand**



Strengthening Workplace Health, Safety and Wellbeing

Biophilic Features



Biophilic features, such as pictures (left) and plants (right) to reconnect nature in the Epson Vietnam office

Smart Building Technologies



Motion sensors (left) and air purifier (right) in Epson Indonesia's office



Zero reported workplace-related incidents for all employees and workers across Epson SEA in FY24



# Improve Quality of Life

This entails making meaningful contributions to people's health and wellbeing, empowering them to live healthy lives. Through education, we'll support personal growth and maturity. At Epson, we will offer diverse products and services that enable people to choose vibrant lifestyles, promoting initiatives that enrich their lives with abundance and colour.





We progressively update and review our targets to ensure they remain relevant and achievable as our sustainability practices mature. Some action plans have targets, while others are being defined.

TARGET ACTION PLANS	SHORT TERM   BY 2025
Support different learning environments	At Epson SEA, we empower communities through innovation, enriching diverse lifestyles. Our technology, including projectors that enable dynamic learning environments and printers that support education through donations to schools, fosters creativity, collaboration, and positive impact. We also champion events that drive change, leveraging technology to inspire new possibilities and nurture a culture of innovation that benefits society.
Driving Change through Innovation	



Supporting Different Learning Environments: From Our Educators

Epson Projectors empower educators to create immersive and interactive learning experiences. With features like multi-touch functionality, wireless connectivity, and ultra-short throw projection, teachers can engage students, promote collaboration, and deliver content seamlessly. But don't just take our word for it - here's what some educators who have used Epson projectors in their classrooms have to say:



Clarity from Every Angle

"[Epson projectors] offer customisable screen size of up to 100 inches, eliminating blind spots and providing clear visibility from every angle in the classroom."



Interactive Engagement

"The Epson projectors change the way we can teach...now, there are no shadows on the screen. The screens are super interactive, where the children can engage with different things."



Mobility

"[Epson's] mobile nature has been very helpful as we can bring to meeting rooms and use for outdoor activities."



Seamless Integration

"The model we use is Ultra Short Throw...it makes it very convenient to utilise with other iPad functions, such as Apple TV for presentations."



# Supporting Different Learning Environments: Epson Goes to School

Epson Printers are at the heart of our “Epson Goes to School” (EGTS) programme, which aims to provide tangible support for education by donating eco-friendly printers to schools in need. This initiative focuses on enhancing learning infrastructure and bringing energy-efficient printing technology closer to educational institutes across Indonesia.

## Social Objectives

**Equal Access to Educational Technology:** Reaching schools in Jakarta, Java, Kalimantan, Sumatra, and Sulawesi, ensuring students across diverse regions have equal opportunities to benefit from modern learning tools.

**Empowering Schools:** Enabling teachers and school staff to independently produce learning materials in a cost-effective and efficient manner with donated printers.



EGTS Jakarta  
November 2024



EGTS Java & Kalimantan  
December 2024



EGTS Madura  
January 2025



EGTS Sumatra  
January 2025

10

regions across Indonesia reached

80

schools supported

98

units of L3216 printers donated



Driving Change through Innovation

Epson recently had the privilege of sponsoring the robot competition in Padang, Indonesia, held from 17-21 February, an event that aligns with our vision of leveraging technology to improve quality of life. With 19 institutes and universities and 34 teams participating, the competition showcased students' impressive talent and creativity in robotics, highlighting the potential for innovation to drive positive change.

Through our collaboration with channel partner Vortex and event organiser UNP, we supported the growth of STEM education and fostered technological advancements in the region, contributing to a brighter future for local communities. The event's national significance, with Indonesia's Ministry in attendance, and live broadcast on the UNP Channel, further amplified its impact, inspiring the next generation of engineers and technologists and strengthening community engagement with cutting-edge robotics.





# Fulfil Our Social Responsibility

Epson is dedicated to fulfilling its corporate responsibility to achieve sustainability and enrich communities. This commitment encompasses initiatives that meet societal expectations, including stakeholder engagement, responsible sourcing and supplier management, respect for human rights, diversity promotion, and business continuity planning.





We progressively update and review our targets to ensure they remain relevant and achievable as our sustainability practices mature. Some action plans have targets, while others are being defined.

TARGET ACTION PLANS	SHORT TERM   BY 2025
Commitment to Diversity, Equality and Inclusion through awareness building	100% completion of DE&I e-learning by all new joiners
Conduct unconscious bias training and refresher courses for all Epson SEA employees	Achieve 100% completion of unconscious bias training and refresher annually

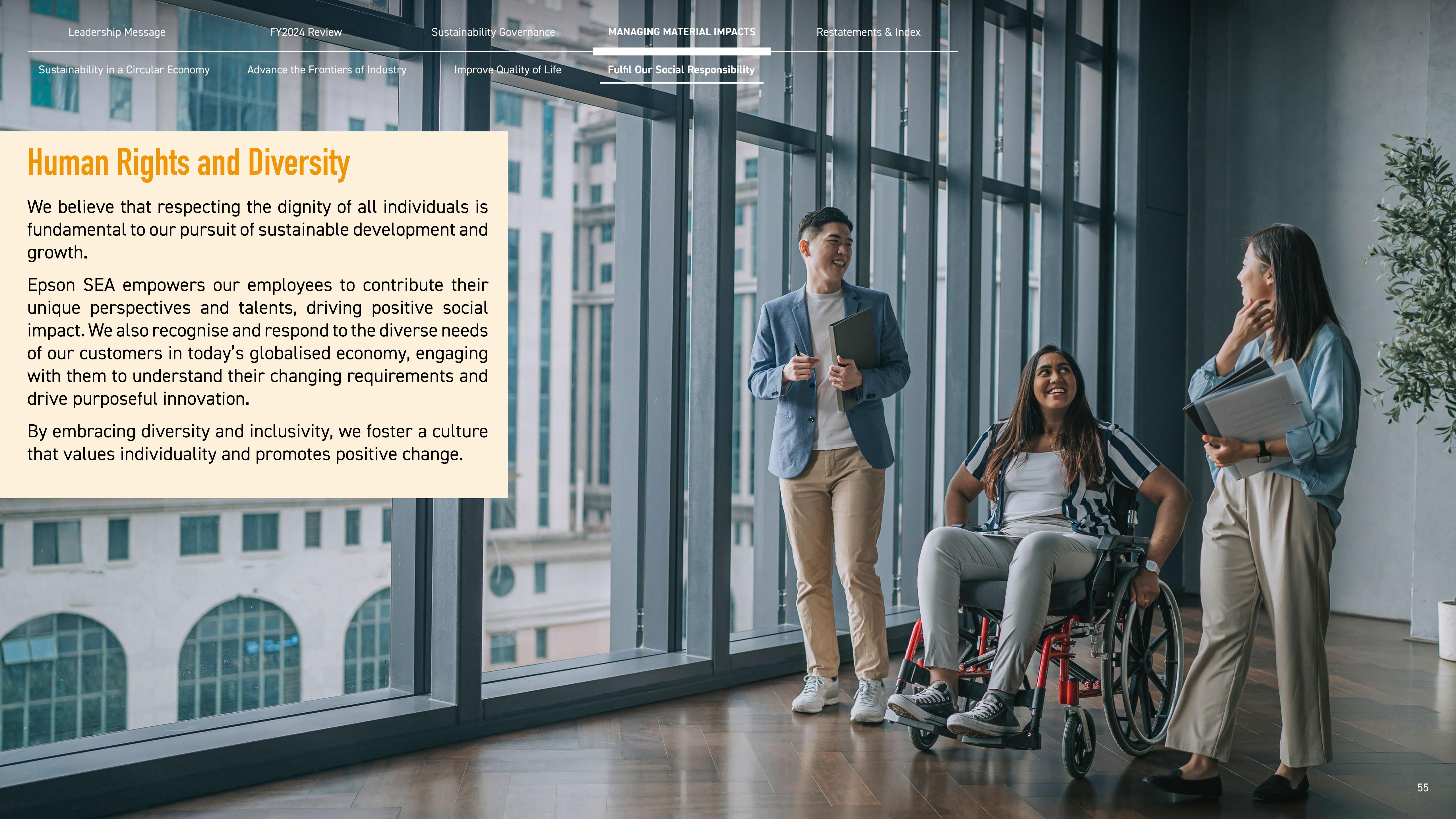


## Human Rights and Diversity

We believe that respecting the dignity of all individuals is fundamental to our pursuit of sustainable development and growth.

Epson SEA empowers our employees to contribute their unique perspectives and talents, driving positive social impact. We also recognise and respond to the diverse needs of our customers in today's globalised economy, engaging with them to understand their changing requirements and drive purposeful innovation.

By embracing diversity and inclusivity, we foster a culture that values individuality and promotes positive change.





Advancing Diversity, Equity and Inclusion

At Epson SEA, we are committed to fostering an inclusive culture that extends beyond our organisation. In FY24, we intensified our focus on Diversity, Equity, and Inclusion (DE&I) across the region. A key initiative was introducing a DE&I e-learning course, designed to deepen our understanding of DE&I principles, its benefits, and individual roles in promoting an inclusive workplace.



Celebrating Diversity  
Epson Thailand



Raising awareness for NGO's, United Voice, mission of self-advocacy for Persons with learning disabilities  
Epson Malaysia



Celebrating Children's Day and National Day with the students at Rainbow Centre  
Epson Singapore



Blood Nation  
Epson Indonesia



Neurodiversity in the Workplace: Championing Diversity and Inclusion  
Epson Philippines

FY24 DEI & Unconscious Bias Training Records

100% unconscious bias and DEI training completed for new employees



Diversity

Employee Distribution

Gender	Age	
47.4% female	11.2%	Below 30
52.6% male	74.6%	Between 30 - 50
	14.2%	Above 50

Recruitment

Gender	Age	
62.5% female	33.3%	Below 30
37.5% male	66.7%	Between 30 - 50
	0%	Above 50

Resignation

Gender	Age	
41.8% female	20.4%	Below 30
58.2% male	67.3%	Between 30 - 50
	12.2%	Above 50

Representation in Senior Management

44% female employees  
56% male employees





## Sustainability for Our Future

At Epson, we're dedicated to achieving a more sustainable future through a 3-pronged approach focused on the 3 Ps: **P**eople, **P**roducts, and **P**artnerships. We weave sustainability into our people's mindset and culture, equipping them to drive positive change. We continuously improve our products to meet evolving needs. And through strategic partnerships with stakeholders, customers, partners, and like-minded NGOs, we raise awareness and advocate for greater impact.





Advocating Plastic Waste Reduction

In FY24, Epson is taking a proactive stance against plastic waste, advocating for reduction initiatives that prevent further leakage into oceans and land. By doing so, we aim to not only protect the environment but also improve the livelihoods of communities, underscoring our commitment to sustainable practices that benefit both people and the planet.

Total Recovered Waste  
1,417 kg

Total Recovered Plastic & Foam  
791 kg





# “Trees for Life” Community-Based Forest Tree Planting with WWF

Epson Indonesia partnered with WWF-Indonesia to launch the ‘Trees for Life’ initiative, planting 200,000 trees across 300 hectares of forest in Central Kalimantan. This effort aims to restore habitats for endangered orangutans, support local communities, and promote biodiversity.

By involving around 300 families, the project creates alternative economic opportunities and equips communities with skills to manage and maintain restored areas. This initiative aligns with Epson’s commitment to environmental sustainability and community development.



200,000  
trees planted



300  
hectares covered



300  
families involved

## PANO Awards

The Epson International Pano Awards has become a premier platform for panoramic photography, attracting thousands of entries worldwide. The awards encourage creative expression from photographers worldwide, while showcasing the world through a unique perspective, potentially inspiring greater appreciation for our planet’s natural beauty.



**Volcanoes Theatres**  
**Fikri Muharom, Indonesia**

Southeast Asia Open Photographer of the Year  
15th EPSON INTERNATIONAL PANO AWARDS



**Chrysanthemum Season**  
**Nguyen Tan Tuan, Vietnam**

Overall runner-up - Open, and Built Environment winner  
15th EPSON INTERNATIONAL PANO AWARDS



**Magical Morning Pine Tree**  
**Yusuf Arif Rohman, Indonesia**

Top 10 - Southeast Asia Open  
15th EPSON INTERNATIONAL PANO AWARDS



**Blissful Moment**  
**Brix Tan, the Philippines**

Top 10 - Southeast Asia Open  
15th EPSON INTERNATIONAL PANO AWARDS



# Sustainability Outreach and Education Seminars

In FY24, Epson SEA organised various sustainability seminars to promote sustainability awareness and education to our stakeholders.

These initiatives aim to educate and inspire the next generation, promote sustainable practices, and showcase Epson’s commitment to environmental responsibility.

	NO. OF EVENTS	NO. OF VISITORS
MALAYSIA	9	420
THAILAND	3	296
PHILIPPINES	4	34
VIETNAM	6	185
INDONESIA	2	73
SINGAPORE	4	108
TOTAL	28	1,116

## Industry Partners

Product launch events highlighting sustainability features were organised for partners in all 6 countries.



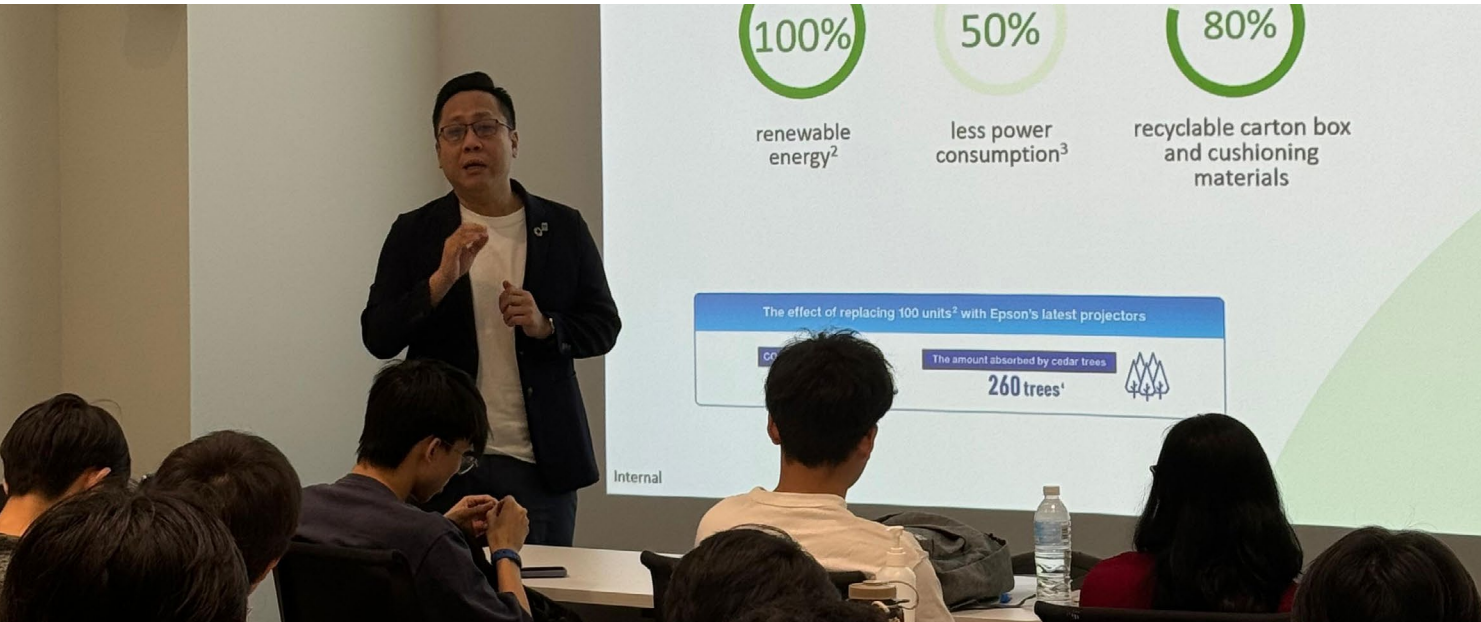
## Professional Development Participants

Epson Singapore hosted a sustainability seminar for corporate students from SMU Academy and Sustainable Living Lab, demonstrating how sustainability is applied in real-world business settings.



## Tertiary Students

Epson Singapore organised a workshop for engineering students from Nanyang Polytechnic to educate them on sustainable technologies and inspire them to design environmentally friendly products.



## Design Community

Epson Thailand hosted a workshop on digital textile printing technology for young designers and teachers from 11 universities, aiming to enhance their knowledge and promote sustainable fashion industry growth.





# Honouring Heritage and Embracing Sustainability

Epson Malaysia is proud to commemorate the 100th Anniversary of Samu Longhouse in Paku, Betong, Sarawak, with specially designed tote bags that reflect the community's century of shared governance and rich tradition. Created in collaboration with the Tan Sri Dato Sri Empiang Jabu Gallery collection, the motifs were drawn from the “pua” series - sacred textiles intricately woven by the community's master weavers. For generations, “pua” has carried the ancient wisdom of Dayak women, who translate dreams, nature, and spirituality into ceremonial cloth of the highest cultural significance. Reimagined in a contemporary, functional form, the tote bags carry this living legacy into new generations.

This initiative reflects our commitment to recognising and honouring the enduring traditions that have defined this community over the past century. The artwork serves not only as a celebration of history but also as a reminder of the importance of preserving cultural identity amidst a rapidly evolving world.

Aligned with our “Engineered for Good” ethos, the tote bag is produced utilising Epson's environmentally responsible printing technologies. We acknowledge that respecting heritage is intrinsically linked to safeguarding the future. By minimising environmental impact through reduced energy consumption and waste, Epson remains dedicated to promoting sustainable practices. This collaborative partnership symbolises our collective commitment to preserving cultural legacy while advancing sustainability for generations to come.



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# Restatements and Index



# Restatement of FY23 GHG Emissions

## Scope 1 Refrigerants

### Reason for Restatement

A review of the baseline FY23 activity data for refrigerants identified an error in the data collection methodology. The original reporting inaccurately reflected emissions from refrigerant leakage. Upon verification, it was determined that there is no usable refrigerant leakage data in FY2023. As such, the previously reported data misrepresented actual emissions.

### Effect of Restatement

The reported Scope 1 GHG emissions attributed to refrigerants for FY23 have been revised to not collected. This update ensures more accurate and transparent environmental performance reporting.

## Scope 2 Electrical Consumption

### Reason for Restatement

The emission factor used to calculate electricity-related emissions has been revised. Previously, a modelled emission factor from the ecoinvent database was applied. To improve the accuracy and reliability of the reported data, the emission factor has been updated to reflect primary data provided by the relevant national government energy authority, ministry, or utility company. This change ensures alignment with locally reported figures and enhances the integrity of the emissions calculation.

### Effect of Restatement

The reported Scope 2 emissions for the base year 2023 have been revised from 1,160.3 tCO<sub>2</sub>e to 845.0 tCO<sub>2</sub>e. This adjustment reflects a more accurate representation of the organization's environmental impact based on country-specific data sources.

## Scope 3 Category 5 Waste Generated in Operations

### Reason for Restatement

The FY23 waste emissions data has been restated due to an error in the previously selected waste disposal method. The original calculation incorrectly assumed that all general waste in Singapore was sent to landfills. However, in Singapore, general waste is predominantly disposed of via combustion at waste-to-energy plants. The disposal method has therefore been corrected from “landfill” to “combustion” to more accurately reflect local waste management practices.

### Effect of Restatement

This correction has revised the baseline FY23 waste emissions. The emissions figure has decreased from 3.6 tCO<sub>2</sub>e to 2.3 tCO<sub>2</sub>e, reflecting the lower emission factor associated with the combustion method in Singapore’s context.



# FY23 GHG Emissions

SCOPE	EMISSION SOURCE CATEGORY		FY2023 EMISSIONS (tCO <sub>2</sub> e)	FY2023 REVISION (tCO <sub>2</sub> e)
Scope 1 emissions (Production)	Direct emissions from stationary sources	Refrigerants	89.0	0 Inaccurate refrigerant leakage data
	Direct emissions from mobile sources	Passenger vehicles	3.0	
		Delivery vehicles	17.0	
Scope 2 emissions (Production)	Purchased electricity, heat, steam or cooling	Electricity	1,160.3	845.0 Better emission factors from the government source
		Renewable Energy Certificates (RECs)	~1,160.3	
Scope 3 emissions (Across the value chain)	Waste generated in operations	Waste	3.6	2.3 Update of the emission factor based on an accurate disposal method
	Purchased goods	Water Supplied	0.4	
		Paper	4.7	
	Business travel	All transportation by air only	464.9	
	Upstream transportation and distribution	Freighting goods	1,111.6	
	Downstream transportation and distribution	Freighting goods	276.8	
Gross emissions			3,131.3	
Net emissions (After consideration of RECs purchased)			1,971.0	



# GRI Content Index

**Statement of Use**      Epson Singapore Pte Ltd has reported the information cited in this GRI content index for FY2024 [1 April 2024 – 31 March 2024] with reference to GRI Standards

**GRI Used**              GRI 1: Foundation 2021

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