

EPSON SOUTHEAST ASIA'S SUSTAINABILITY REPORT

2022/2023



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SIEW JIN KIAT

*Regional Managing Director
at Epson Southeast Asia
and Executive Officer at
Seiko Epson Corporation*



WELCOME STATEMENT FROM THE REGIONAL MANAGING DIRECTOR

As a global corporate citizen, Epson understands that our actions can shape the future. We recognise that our commitment to sustainability serves to improve what we do, and can also influence our customers, employees, and communities to join us on this transformative journey. In this report, we are pleased to share our initial sustainability initiatives in Southeast Asia as we continue to plan meaningful and impactful actions that will drive further positive change.

In Southeast Asia, Epson ensures that all actions and initiatives undertaken are in alignment with the global approach. This commitment means that we can effectively address the challenges specific to our region whilst staying true to Epson's overarching sustainability goals.

GLOBAL

At a global level, Epson revised its corporate vision to focus on societal issues and leverage our technology to meet these challenges. We firmly believe that rising to these challenges will make us a more sustainable business. Having undertaken the rigorous process to identify our global high priority issues, Epson is now focused on achieving sustainability in a circular economy, advancing the frontiers of the industry, respecting human rights, improving the quality of life, and fulfilling our social responsibility.

We have developed comprehensive action plans to drive initiatives and are working towards addressing these priority issues in our mid-range action plans by driving projects aligned to the United Nations Sustainable Development Goals (SDGs).

Epson Global is taking actions to embrace all 17 United Nations Sustainable Development Goals (SDGs). Whilst Epson Southeast Asia recognises the importance of all 17 SDGs, we will be focusing our actions on the 5 key SDGs that are material to our business operations and areas on which we can have the greatest impact.

SOUTHEAST ASIA

In Southeast Asia, we have observed significant trends that have shaped the business landscape and influenced customer preferences towards sustainability. Rising to these challenges offers us further opportunities for innovation and to create impactful change.

RISING ENVIRONMENTAL CONSCIOUSNESS

There is a growing concern about the environmental impact of products, leading customers to prioritise purchases from businesses that demonstrate a commitment to sustainability. This shift in consumer behaviour has made it imperative for companies to evaluate and reduce their environmental footprint, driving the adoption of sustainable technologies to meet sustainability goals.

HYBRID WORK

The pandemic has further influenced the business landscape in Southeast Asia, with a shift towards hybrid work environments and increased adoption of work from home practices. Epson recognises this shift and is conscious of how these practices will continue to influence customer and consumer purchasing decisions.



From conception to completion, we prioritise sustainability at every phase including design, manufacturing, transport, usage, and recycling. Two such examples are our Heat-Free Inkjet printers and paper recycling technology, PaperLab.

By developing eco-considerate products such as these, we collaborate with wide network of business partners to extend our environmental impact mitigation efforts beyond the boundaries of Epson.

REGIONAL SUSTAINABILITY PROGRAMME

In view of the challenges presented in Southeast Asia, a regional sustainability programme has been developed to promote sustainability in our business operations and contribute to our 3 pillars of focus:



THE WAY WE WORK

We have implemented sustainable practices within our office environment, emphasising the importance of saving water and electricity as well as recycling. We actively encourage our employees to embrace sustainability in their daily activities, aligning their actions with our global sustainability goals, and actively encouraging our employees to walk the talk on our sustainability journey.

RESPONSIBLE TECHNOLOGY CONSUMPTION

One strength that sets us apart from other businesses is the way we advocate for responsible technology consumption. We believe that technology can be used to drive sustainable growth, and we are committed to promoting responsible consumption in our business operations. The focus on sustainability has helped us build a strong reputation in the market and attract customers who value sustainable practices.

At Epson, we are committed to creating “eco-considerate” products that address environmental impacts throughout their entire life cycle.



THE PARTNERSHIPS THAT ENRICH OUR COMMUNITIES

We have ventured into partnerships with local organisations that share our commitment to sustainability. Our collaboration with the Singapore Fashion Council aims to drive positive changes in the fashion ecosystem. We also support the Rainbow Centre, a social service agency promoting social equity and inclusivity for youths and children with disabilities. Additionally, our collaboration with the World Wide Fund for Nature (WWF) on local marine conservation projects highlights our dedication to biodiversity protection.



THE SOLUTIONS THAT DRIVE OUR CUSTOMERS' BUSINESSES FORWARD

Epson's Heat-Free technology and digital printing solutions in the industrial and commercial sectors empower customers to make sustainable choices. By utilising our innovative products, customers can reduce water consumption and minimise material wastage, reducing their overall environmental impact.

LOOKING FORWARD

We recognise and take great pride in the efforts that have driven our sustainability journey so far. Our teams have worked tirelessly to implement key changes and consider how we can reshape our business to maximise our impact and prepare for future challenges.

As we rise to these challenges, sustainability is firmly placed at the core of our business roadmap. We are confident that in Southeast Asia we are well-equipped for the future. Aligned with our Global Environmental Vision and the United Nations SDGs, we will continue to build towards a responsible business. We will continue to develop and deliver new sustainable solutions to customers and partners whilst striving to lead the way in responsible business practices.

Note
The information presented in this report pertains to Epson Southeast Asia, whose regional headquarters is located in Singapore, with operations expanded to Indonesia, Malaysia, Philippines, Thailand and Vietnam. The scope of activities illustrated in this report include sales, marketing, distribution, and after-sales of Epson products and services.

KEY HIGHLIGHTS

This is Epson's first sustainability report for Southeast Asia, highlighting our initial achievements from April 2022 to March 2023.

The report also shows our commitment to driving continued impact and further positive change across the region in the coming years.

Our goals in Southeast Asia are aligned with the United Nations (UN) Sustainable Development Goals (SDGs), with a focus on those relevant to our region.

In our first year, we have made significant progress in our sustainability efforts and are encouraged by our achievements so far.

- 1. Communication on eco-considerate products:** A comprehensive sustainability toolkit has been rolled out to all offices in Southeast Asia. This kit demonstrates the impact of our products and includes customer success stories.
- 2. Unconscious bias training:** To encourage diversity and inclusion in the workplace, training has been developed and rolled out for all employees across the region, including in various location languages.
- 3. Internship programme:** By successfully expanding the internship programme across the region, we hope to provide professional experiences to students, empowering them with skills and knowledge that will aid them in their future careers.
- 4. Partnerships:** Epson has established partnerships with Rainbow Centre and World Wide Fund for Nature (WWF) to promote inclusion and scale marine conservation programmes.

Whilst there have been some challenges and not all pilots were able to be successfully rolled out, the insights gained have provided valuable knowledge for future initiatives.

Looking ahead, Epson Southeast Asia remains committed to sustainability and our role in creating a more sustainable future in the region. We are excited to share further progress in coming years.



OUR SUSTAINABILITY APPROACH



OUR GLOBAL VISION AND STRATEGY

Our global vision is to achieve sustainability and enrich communities, creating value to enrich our lives and our planet. We aim to achieve this aspirational goal by co-creating sustainability and enriching communities to connect people, things, and information by leveraging our efficient, compact, precision, and digital technologies.

DECARBONISATION

Our commitment to decarbonisation is a key priority and we have committed to becoming carbon negative and underground resource-free by 2050. We are working to achieve this by closing the resource loop, developing environmental technologies, and providing products and services that minimise environmental impacts. In line with the Paris Agreement, we are dedicated to contributing to the global effort of limiting the average temperature to well below 2 degrees Celsius above pre-industrial levels, and ideally to 1.5 degrees Celsius.

To achieve these decarbonisation goals, we have set ambitious global targets to reduce our greenhouse gas (GHG) emissions across all areas of our business operations. Specifically, we aim to reduce our scope 1 and 2 GHG emissions by 34% by FY2025. We also commit to reducing our scope 3 emissions from purchased goods and services and the use of sold products as a percentage of value added (business profit) by 44% by FY2025.

Epson is investing approximately 100 billion Yen (735 million USD) globally by 2030 to accelerate decarbonisation efforts. A significant focus will be closing the loop by refurbishing products, as well as reusing and recycling materials. Additionally, we are committed to achieving 100% renewable energy used at all Epson Group sites worldwide¹ by 2023.

¹"All sites" referenced excludes leased properties for sales offices, etc., where the amount of electricity from renewable sources cannot be determined.

PARTNERSHIP WITH WWF-SINGAPORE

One of our key partnerships programmes was to establish a strategic partnership with the World Wide Fund for Nature (WWF). Through this partnership, Epson Southeast Asia is supporting the WWF-Singapore to scale marine conservation impact and climate solutions across Southeast Asia, including numerous marine conservation projects such as coral reef and mangrove restorations that help to sequester carbon.

The partnership with WWF Singapore was announced in March 2022 and spans across 3 years to 2024. This partnership focuses on coral and mangrove restoration to protect biodiversity across Southeast Asia. Epson Southeast Asia elected to support WWF-Singapore and invested in these projects due to our belief that preserving biodiversity is vital to maintaining the environment where we operate.

In investing time and resources for marine conservation, we hope to do our part in mitigating climate change that is felt in this region, working towards fulfilling our social responsibility. This is aligned to SDG 17 (Partnerships for the goals), where the vision is to increase impact through partnership.

SCALING MARINE RESTORATION IN AND AROUND THE CORAL TRIANGLE

The coral restoration efforts support projects in Indonesia, Malaysia, Thailand, and Singapore, as well as mangrove restoration in the Philippines. By working with local stakeholders and institutions, these restoration efforts aim to support and restore the critically important marine ecosystem health, whilst building capacity among local communities as key stakeholders in the long-term maintenance and management of their coastal resources.

"The Coral Triangle is the Earth's richest area of marine biodiversity.

WWF Singapore and Epson Southeast Asia are working together in partnership to address some of the key risks to the Coral Triangle's fragile marine ecosystem. This partnership is a testament to our strong collaboration to safeguard our oceans and inspire climate action for scalable and sustainable solutions."

MR. R. RAGHUNATHAN
CEO, WWF-Singapore

Separately in Vietnam, Epson is supporting WWF to drive awareness and engagement among businesses and consumers, advocating for the shift towards a low-carbon economy. In collaboration with Vietnam Chamber of Commerce and Industry (VCCI), Epson and WWF also hosted a series of business engagement events to raise awareness of climate change repercussions and to influence transformative business decisions.

EPSON'S SUSTAINABILITY JOURNEY AND FOCUS ON SDGS IN SOUTHEAST ASIA



TAN MAY LIN

*Regional Director - Printer & Visual Products
and Brand & Communications*

Our history in Southeast Asia is long-standing, having established our first sales office in Singapore in 1982. In 1991, we expanded our operations into Malaysia and Thailand and then continued expansion throughout the 1990's and early 2000's into the Philippines, Indonesia, and Vietnam. We now have a strong presence in key markets across Southeast Asia, and recently relocated into our new Southeast Asia Headquarters office in Singapore in 2021.

As part of our history, we have been committed to co-creating sustainable solutions and enriching communities by addressing environmental challenges and societal issues. Considering the increasing global impact of climate change, the need to embrace responsible corporate citizenship is more important than before. It has become imperative for Epson Southeast Asia to embark on our sustainability journey.

Epson Global is taking actions and embracing all 17 United Nations Sustainable Development Goals (SDGs). Epson Southeast Asia acknowledges the significance of all 17 SDGs. However, we concentrate our efforts on the 5 crucial SDGs that align with our business operations and allow us to make the greatest impact in this region.

Through a series of internal workshops, we identified these goals as:

SDG 8 (Decent Work and Economic Growth)
SDG 9 (Industry, Innovation and Infrastructure)
SDG 12 (Responsible Consumption and Production)
SDG 13 (Climate Action), and
SDG 17 (Partnerships for the Goals).

As part of our programme over the past year, concrete actions were developed for each SDG. To ensure effective implementation and accountability, progress towards achieving them was closely monitored and tracked throughout the year. We are pleased to highlight the outcomes of these projects in this report.

LOOKING FORWARD

Moving forward, we are committed to building on the progress we have achieved thus far. To further enhance our efforts, we will focus on driving further impact within our business operations and through our continued partnerships. Of particular importance from here is to collate data points and cascade them to countries within the region, each with their own set of concrete actions locally.

Through this approach, we aim to drive continuous improvement and make meaningful contributions towards our overall objectives.

From here, we can look ahead to increase local actions that have greater impact on local communities and the market in which we operate.

The responsibility to create a more sustainable world lies in our hands. By actively adopting sustainable practices and committing to reducing our environmental impact, we can collectively make a difference.

It is important to recognise that even the smallest actions can have profound impact when multiplied by millions. Therefore, we urge each and every individual, our employees, business partners, customers, and communities, to embrace sustainability in their daily lives and workplaces.

As a leading corporate citizen and through our collective efforts and partnerships, we have the capacity to inspire others to join this important cause. We are confident that Epson can have a vast impact and lead from the front to inspire this change.

CORPORATE CERTIFICATIONS AND RECOGNITIONS

For our commitment to sustainability, environmental responsibility, and corporate social responsibility, Epson has received numerous corporate certifications and recognitions.

BCA Singapore

With our commitment to establish eco-friendly facilities and workplace practices within the Epson Singapore office, we were recently awarded with the BCA Green Mark certification. This is a green building rating system based on the evaluation of the environmental performance and sustainability of buildings in Singapore.

The certification process involved assessment of various aspects of the building including energy efficiency, water efficiency, indoor environmental quality, resources conservation, and other sustainable practices. The BCA Green Mark Gold level certification was awarded to Epson Singapore in January 2023.



Gold
presented to

Epson Singapore Pte Ltd

Based on the success of the Singapore office in obtaining this certification, similar certifications are now being considered across the rest of the Southeast Asia region.

GLOBAL

Looking more broadly, Epson has been recognised for numerous certifications on a global basis. These are set out in the list below:

CDP A List

For the third consecutive year, Epson has been placed on the prestigious A List by the international, environmental non-profit CDP, for its leadership in tackling climate change. Out of more than 10,000 companies that were evaluated, Epson was one of

a small number to receive an A listing, an acknowledgement of Epson being a leader in sustainability.

Responsible Business Alliance (RBA)

Epson is a member of the Responsible Business Alliance, an international coalition that promotes corporate social responsibility (CSR) in global supply chains. We have adopted the RBA's code of conduct and methodologies into our management practices. Our main sites that manufacture Epson products have been audited under the RBA Validated Assessment Programme (VAP).

In March 2022, our factory in Indonesia has once again achieved Platinum status in the Validated Assessment Programme (VAP) of the Responsible Business Alliance (RBA). The factory was first recognised in the RBA VAP in 2020. The factory produces a range of inkjet printers offering high environmental performance. The recognition also demonstrates Epson Indonesia's commitment to the wellbeing and welfare of their employees.

FTSE4Good

Epson has been included in the FTSE4Good Index Series for the 19th year running. This certification measures the performance of companies demonstrating strong environmental, social, and governance (ESG) practices. Our inclusion in this index implies that we have been independently appraised and is recognised as a sustainable company.

ISO 9001 and 14001 standards

Epson operates its quality and environmental management system in compliance with the ISO 9001 and 14001 international standards and implements a planning and control cycle to effect continuous improvement. Epson Precision Johor Sdn Bhd, Epson Precision Malaysia Sdn Bhd., Epson Precision (Philippines) Inc, Epson Precision (Thailand) Ltd., PT. Indonesia Epson Industry, and Singapore Epson Industrial Pte Ltd are certified with ISO 9001 and 14001.

EcoVadis

Epson has been awarded a Platinum rating by EcoVadis, a global platform that evaluates companies' sustainability performance in terms of environmental, social, and ethical criteria. In 2022, Epson was awarded a Platinum rating for overall sustainability by independent platform EcoVadis for the third consecutive year in recognition of the company's global efforts to uphold the highest standards on the environment, labour and human rights, ethics, and sustainable procurement, highlighting Epson's commitment

and actions on sustainability. This accolade puts Seiko Epson Corporation in the top 1% of companies rated by EcoVadis in the manufacture of computers and peripheral equipment industry.

Science Based Targets

Epson's global GHG reduction targets have been recognised and approved by the Science Based Targets initiative (SBTi) as being science-based and in line with keeping a global temperature rise to 1.5°Celsius as outlined in the Paris Agreement.

MEET OUR SUSTAINABILITY REPRESENTATIVES

To drive our sustainability impact across the region, Epson Southeast Asia has assembled a team of five representatives, each aligned to a dedicated SDG. This team is responsible for driving change through our chosen SDGs and ensuring that we meet our commitments. Here's what our representatives had to say about making an impact:

"I would like to see Epson inspire customers and employees alike to embrace sustainability through their own personal actions and continue this as a chain effect to people in their sphere of influence. When sustainability concepts become ingrained as second nature, we see people's attitudes are changed and they live with careful consideration towards the environment.

This is reflected in the little and big decisions they make on a daily basis, and they continue to be motivated as they see benefits and positive outcomes from such decisions."

Diana Boon, Regional Director for Human Resources at Epson Southeast Asia

Diana is the representative for SDG 8 to implement the vision of creating an inclusive, diverse and accessible workplace.





“We have been optimising lead time and reducing carbon footprint by implementing drop shipping practices since 2013, bypassing the central hub warehouse and directly delivering from the factory to our sales subsidiaries. In 2018, we extended drop shipping to distributors, further minimising inland trucking at our sales subsidiaries. These initiatives have made a significant impact on our regional sustainability programme, allowing us to reduce vessel travelling distance and emissions, contributing to our sustainability goals. We look forward to seeing the continued success of these programmes.”

Alvin Tan, Regional Director for Supply Chain Management and Service Infrastructure Support at Epson Southeast Asia

Alvin is the representative for SDG 13 to implement the vision of being a net-zero business.



“Being a leader in the printing space and having a wide range of sustainable products, Epson is in a very good position to be a company that walks the talk when it comes to sustainability. From using renewable energy in manufacturing, to using sustainable materials, releasing new products that support other companies to be sustainable themselves, and embedding sustainable practices in the way business is conducted, Epson can be an example to its customers, industries, and the communities in which it operates in. Building sustainability as a part of its identity and its philosophy is not an overnight exercise but an ongoing journey. There is much more we can do.”

Yunyong Muneemongkoltorn, Regional Director for Corporate Products at Epson Southeast Asia

Yunyong is the representative for SDG 9 with a vision to be a leader in sustainable products, services and practices.

“By investing time and resources in marine conservation, we hope to do our part in mitigating the climate change impacts that are felt in this region. Epson recognises that the engagement of communities is necessary to achieve a sustainable society and is working with like-minded partners such as WWF-Singapore to raise awareness and take actions to solve environmental issues facing our planet. It is critical that Epson rides this momentum of this environmental work by making robust commitments and urgent transformative changes necessary to reverse biodiversity loss and build a more sustainable society.”

Jacinta Tan, Regional Manager for Brand and Communications at Epson Southeast Asia

Jacinta is the representative for SDG 17 to increase impact through partnership.



“As part of our commitment to closing the resource loop, the introduction of subscription-based services such as iPrintAnywhere embraces an approach that not only amplifies convenience but also propel us toward pursuing sustainable solutions. By offering users the feasibility to print anywhere without the need to own multiple printers, we aim to reduce unnecessary product ownership by giving the users access to a network of communal printer. This, in turn, mitigate the customer’s environmental impact. Our goal is to bring a fundamental shift in users’ mindset, encouraging the adoption of sustainable practices within organisations.”

Jester Cruz, Senior Regional Manager for Corporate Products at Epson Southeast Asia

Jester is the representative for SDG 12 with a vision to create a circular economy mindset to business.

CLIMATE CHANGE MITIGATION



Reducing our emissions

Epson Global has committed to enabling a transformation towards decarbonisation by reducing its overall greenhouse gas (GHG) emissions. This includes emissions in production (Scopes 1 and 2) and across the value chain (Scope 3).

The main actions for reducing Scope 1 and 2 emissions include product innovations, investment in updated facilities and equipment such as plant infrastructure and solar power systems, as well as purchasing low-carbon electricity and other forms of renewable energy.

Across the value chain, we are seeking to provide environmental value and mitigate environmental impacts along with our customers. Our inkjet technology saves resources, using less electricity and reduce consumables¹. By developing our inkjet technology, we are supporting our customers to make sustainable purchasing decisions, reducing their overall energy consumption and the environmental impacts on society as a whole.

¹ Up to 59% fewer replacement parts of Epson inkjet printers vs laser printers. Testing was commissioned by Epson and conducted by Keypoint Intelligence. One competitor model was selected from worldwide best-selling vendor* in the 65ppm and 70ppm colour laser multi-function printer. Epson Work Force Enterprise WF-C20600 with 60ppm [equivalent model in Europe was used during the evaluation]. Consumables and periodic replacement parts required to print 1M pages. The weight includes all used consumables, periodical replacement parts and their packaging. Test printed pattern used was ISO24712.

Southeast Asia

In Southeast Asia, we are aligning to these global decarbonisation goals in the following ways:

Renewable electricity use

Reduce emissions in production

In January 2021, our factory in the Philippines was the first to begin operating at 100% renewable energy. Our Indonesia factory, PT. Indonesia Epson Industry, also converted its energy entirely generated from biomass energy sources in July 2022. Other factories in the region will adopt 100% renewable energy by the end of 2023.

Reduce emissions across the value chain

Epson Southeast Asia is committed to reducing Scope 3 emissions to help address our indirect environmental impacts which occur throughout our value chain but are not under our direct control. We are aware that these emissions can account for a significant portion of a company's carbon footprint. By identifying and quantifying these emissions, we can gain a comprehensive understanding of their environmental impact and enable us to set appropriate targets and mitigation strategies.

To this end, Epson Southeast Asia has selected two key focus areas to reduce our emissions, these being business-related air travel and drop shipments.

Business-related air travel

Epson Southeast Asia has made a strategic decision to prioritise the reduction of business-related air travel for several compelling reasons. With our representatives based at our regional headquarters in Singapore, it is essential for us to engage with our local offices and collaborate closely to instil responsible business practices and drive sustainable operations throughout the region.

Whilst recognising the importance of maintaining strong connections and partnerships across our network, air travel is the most efficient mode of transportation within our widespread region, facilitating connectivity even in remote areas. By reducing our reliance on air travel, we are actively seeking alternative approaches that align with our sustainability goals whilst ensuring effective communication and collaboration across our regional operations.

By utilising hybrid meeting solution that comprises Epson's own interactive projectors, we can enable face-to-face collaboration without the need for physical travel.

In future, we will look to endorse a policy to reduce business-related air travel rates, as well as monitoring, measuring, and reporting on the implementation of our policy and targets.

Drop shipments

Supply chain management can be a very carbon intensive process. Therefore, to reduce its carbon expenditure in the transportation and logistics process, Epson Southeast Asia has committed to increasing the number of drop shipments. This approach requires shipping products from the manufacturer to our warehouse or our distributors' warehouse, bypassing the regional distribution hub. This effectively reduces the shipping distance, thereby reducing carbon emissions.

Whilst Epson has been adopting drop shipments in Southeast Asia for the past 10 years, we have started embarking on the collection of carbon emissions data. As we align our commitment to decarbonisation, this initiative enables us to gain comprehensive insights into the environmental impact of our drop shipment operations in Southeast Asia.

As we look forward, we recognise that reducing our GHG emissions is a crucial part of our sustainability journey. We are placing particular emphasis on understanding our Scope 3 emissions. This includes closely examining our business-related air travel, domestic land transport, and drop shipments. By gaining a comprehensive understanding of these emissions, we can align them with global targets and establish a clear framework for measuring our progress.

CLOSING THE RESOURCE LOOP

Epson is dedicated to advancing sustainability in accordance with SDG 12, which involves adopting a circular economy mindset in our business practices. Our global commitment is to become carbon negative and underground resource-free by 2050.

To realise this ambitious vision, Epson is embracing a more sustainable and regenerative approach. Our primary focus is to establish a circular economy model, where resources are utilised, recycled, and reintegrated into the production cycle. This approach aims to minimise waste generation and reduce our dependence on finite resources. Central to our strategy is the concept of "closing the loop," which plays a pivotal role in achieving our sustainability goals.

On a global scale, Epson is steadfast in effectively utilising resources. We continually pursue measures such as reducing the size and weight of materials, employing recycled materials, minimising production losses, extending product service lives, and implementing refurbishment and reuse initiatives.

In line with these global commitments, in Southeast Asia, we have also looked into the feasibility for the refurbishment of products.

Resource conservation is particularly important in the Southeast Asia region as it aligns with the principles of sustainable development and responsible business. Closing the loop promotes conservation of resources which can directly impact local communities, reducing environmental impacts and pollution, and improving quality of life.

REFURBISH AND REPURPOSE

This year, a study was conducted to determine whether a refurbishment model would be feasible for Epson and channel partners. This feasibility study brought to light some challenges for both Epson and partners. Undertaking such projects is essential for testing innovative approaches as this helps to determine the feasibility and validity of new ideas.

By identifying the limitations and challenges faced in this study, Epson can refine its strategies and continue on the journey towards sustainability. As a continuation of this effort, the project will be pursued at Epson's Japan head office to further evaluate the feasibility of refurbishment practices.

Refilling project

A new project is currently running to look at the feasibility of refilling ink cartridges in the new generation of Linehead Inkjet Printer products in Southeast Asia, beginning in Singapore.

Projects like this are not always straightforward but they are imperative because it is only by testing our propositions that we can determine whether or not the projects are feasible. Having experienced a potential roadblock in this pilot, we are currently working through other options that may enable this project to be brought to fruition.

SUBSCRIPTION BASED SERVICES

Our goal is to introduce subscription-based services for selected businesses.

To determine the feasibility of this option, a study was recently conducted to address the market opportunity for Business Inkjet Printers. The study certainly showed promise and we are continuing to consider the best approach from here. One example of this is the iPrintAnywhere service.

The concept of iPrintAnywhere was designed to offer a subscription service enabling users to print in the office, at home, or in co-working or shared spaces. This service eliminates the need for users to own multiple printers in different locations, providing them with a more sustainable printing option. As part of the feasibility study, a prototype platform was developed. A pilot trial of iPrintAnywhere is currently being conducted in Singapore and Thailand.

By continuing to develop sustainable solutions and promote products that enable other companies to operate more sustainably, Epson can effectively drive positive change and bring about a fundamental change in the mindset towards building sustainable practices within an organisation.



OUR TECHNOLOGY ADVANCES



Sustainable technologies for the future

As a responsible corporate citizen and forward-thinking company, it is imperative for Epson to further embrace sustainable technologies and lead by example. Epson Southeast Asia recognises that sustainability is a foundational element of responsible business practices.

We firmly believe that sustainable technologies are at the forefront of this global transition, and we will continue to drive the development of innovative and sustainable solutions in printing, projection, and manufacturing.

In line with our approach of environmental benefits, Epson is committed to enhancing productivity through digitisation and automation, further improving work and education environments.

Printing

Epson's digital printing technology offers clear environmental benefits compared to traditional analogue textile printing. It minimises the usage of energy and water. This highlights the growing importance of sustainable solutions across various industries.

In the realm of home and office printing, Epson's Heat-Free Technology uses an innovative approach. By eliminating the need for heat in the ink injection process, it effectively reduces power usage and minimises the associated environmental impact.

Another ground-breaking advancement is Epson's PaperLab. This innovative system enables businesses to recycle used paper and produce new paper in office through a virtually dry process. In addition to securely destroying sensitive information, PaperLab actively contributes to environmental conservation by promoting recycling practices and resource conservation.

Projectors

In response to the significant shift towards remote collaboration and virtual meetings, Epson has developed innovative projector products. These interactive projectors enhance productivity and elevate the effectiveness of presentations, enabling dynamic discussions, idea sharing, and seamless collaboration, regardless of participants' physical locations.

One significant advantage of these projector products is their ability to facilitate remote collaboration without the need for physical travel. This saves time and resources and minimises the environmental footprint associated with commuting.

Our laser projectors use up to 50% less power¹ compared to conventional lamp projectors, with comprehensive power-saving modes. They are also mercury free, reducing waste involved with traditional mercury lamp replacement.

Finally, all new projectors are packaged in 80% recyclable carton box and cushioning materials.

The growing adoption of remote collaboration highlights the recognition of the value offered by sustainable technologies. This serves as a compelling reminder of the importance of embracing these technologies, which enable effective collaboration whilst also minimising environmental impact.

¹Power consumption comparison between current laser models and past lamp models of Epson projectors.



MORIKAWA TOMOHITO
Regional Director for Commercial and Industrial
Products at Epson Southeast Asia

Textile digitisation

We take pride at being at the forefront of the textile digitalisation, where our inkjet printing makes significant contributions to industry transformation. Inkjet technology is poised to play a vital role in transforming various aspects of the textile industry, including:

- **Reducing excess production:** Analogue technology often involves the production of large quantities of designs, leading to excess inventory and fabric wastage. Digital inkjet printing, however, enables on-demand production, allowing textile manufacturers to produce printed fabrics as needed, minimising over-production and reducing material wastage.
- **Reducing water consumption:** Conventional printing methods require a substantial amount of water for fabric preparation, dyeing and rinsing. In contrast, inkjet printing especially when using pigment ink reduces the need for extensive water-based processes. Epson's digital textile printing technology, for example, minimises the use of water.
- **Improved working conditions:** Analogue processes often involve the use of toxic chemicals for manufacturing, posing risks to the environment and employee health. Transitioning to digital textile printing creates safer and healthier working condition for employees. In contrast, Epson's dye sublimation inks are Oeko-Tex Eco Passport certified, a certification in which textile products are tested for harmful substances.

"At Epson, we recognise the pivotal role that sustainable technologies play in shaping an environmentally conscious future. As we adapt to new ways of working in the post pandemic world, we remain committed to providing sustainable solutions that empower our partners and customers in achieving their sustainability goals. Together, we can shape a future where innovation and sustainability go hand-in-hand,"

Morikawa Tomohito, Regional Director for Commercial and Industrial Products at Epson Southeast Asia.

Manufacturing solutions

Robotics has been instrumental in delivering increased efficiency and productivity within the manufacturing space. Robotics can also contribute to the sustainability aspect, which is often overlooked by manufacturers. The concept of "sustainable manufacturing" has recently emerged to address concerns about environmental impact in manufacturing processes.

By integrating robots into their operations, companies can boost efficiency and take actions towards meeting their sustainability goals.

Epson's robotics line-up, the SCARA (Selective Compliant Articulated Robot Arm) and 6-axis robots, excels in this regard. These robots are specifically designed for small workspace applications that require precision, speed, and cost-effectiveness. One key advantage of using robotics in manufacturing is their ability to perform repetitive tasks with consistent accuracy. This ensures precise material measurement, reduces waste, and minimises the likelihood of defective goods as a result of human error. By automating these tasks, manufacturers can optimise resource allocation, reduce material waste, and improve overall efficiency.

SEICHII ITO Regional Director for Robotics at Epson Southeast Asia

Ito emphasises that sustainability will play a crucial role in shaping the future of manufacturing. "Moving forward, sustainability will no longer be an option but a necessity. At Epson, we aim to address these challenges and are committed to leading the way in promoting the use of sustainable technologies within the industry."



HEAT-FREE INKJET

Case study: Heat-Free business inkjet printer - Bodindecha

In recent years, Thailand has experienced more frequent and intense natural disasters which have been attributed to the effects of climate change. In response, the Thai government has pledged to reduce greenhouse gas emissions by 30-40% by 2030 in line with the Paris Agreement. The education sector is a powerful yet often overlooked player in addressing climate change. It has a crucial role in raising awareness, fostering sustainable behaviours, and empowering future generations to become agents of change.



The Bodindecha (Sing Singhaseni) School in Bangkok exemplifies this commitment. They pride themselves on instilling sustainability values into their curriculum whilst actively reducing their carbon footprint.

In November 2022, the school invested in the usage of Epson's WorkForce Enterprise WF-C21000 printer. Epson's Heat-Free business inkjet printers have a lower environmental impact than traditional laser printers, reducing energy usage by up to 85%¹, aligning with the school's sustainability goals. The printer's high ink yield minimises consumables thereby reducing waste.

Through their sustainable initiatives and partnership with Epson, Bodindecha School sets an example for other educational institutions, emphasising the importance of environmental responsibility and empowering the wider community.

¹ Testing was commissioned by Epson and conducted by Keypoint Intelligence. One specific model was selected from colour laser multi-function printers in the 65-70ppm class. Epson WorkForce Enterprise WF-C21000 with 100ppm (equivalent model in Europe was used during the evaluation). This data is as of September, 2020. Devices were tested in default mode as per Keypoint Intelligence's proprietary standard energy consumption test methods. Calculations were based on a weekday workload of 2 x 4 hours printing + 16 hours in sleep/standby mode, and weekend energy use of 48 hours in sleep/standby mode. A total of 69 pages of workload test pattern using DOC, XLS, PPT, HTML, PDF files and Outlook email messages were printed six times in each 4-hour printing period.

LARGE FORMAT PRINTER

Case study: Epson Signage Printer – Advertising House

Based in Thailand, Advertising House has undergone a remarkable transformation, evolving from a modest printing company into a thriving enterprise with a workforce of over 50 employees. As the company's operations expanded, so did the diversity of printing projects they engaged in. This expansion encompassed a wide spectrum of services, including offset printing, screen printing, inkjet printing and packaging. However, a new challenge emerged when customers sought to print on hard surfaces like mirror, wood and stainless steel, a demand that could be met by the capabilities of a UV printer.

Therefore, Advertising House decided to incorporate Epson SureColor SC-V7000 UV Flatbed Signage Printer into their operations. The capability and quality of the printer surpassed the initial scope of advertisement billboard printing, extending into the printing of personalised souvenirs and finely crafted furniture decorations. In line with Epson's focus on sustainability, the printer utilises environmentally friendly resin inks. The inks used are free from small and volatile substances, ensuring that it is not harmful to the operator or those interacting with the designs. Through this approach, Advertising House not only ensure the unique needs of each customer are met but also place the environmental impact of their work into consideration.

PAPERLAB

Epson's PaperLab is an innovative product that turns waste paper into new paper without the need for water¹. PaperLab operates on a closed-loop system, where used paper is collected and processed into new paper. This eliminates the environmental impact associated with traditional paper recycling methods, such as water usage. Additionally, PaperLab reduces the carbon emissions and waste generated from transporting waste to recycling centres.

By introducing PaperLab, Epson empowers businesses to adopt a more sustainable approach to paper usage, promoting a circular economy and reducing their ecological footprint. It exemplifies Epson's commitment to developing innovative technologies that contribute to a greener future while maintaining the highest quality standards.

In support of World Environment Day, Epson Southeast Asia demonstrated its commitment to sustainability by engaging employees in various initiatives to promote recycling and environmental consciousness. One such event was a photo frame decoration workshop held in Singapore on 6th June 2023, using Epson PaperLab's own recycled paper. Participants were able to decorate photo frames using recycled paper under the guidance of skilled artisans, unleashing their creativity whilst learning practical ways to act more sustainably. The workshop aimed to empower employees to adopt eco-friendly practices in their personal lives and also encourage them to raise awareness and



inspire others to take similar steps. The resulting photo frames serve as conversation starters, showcasing the importance and benefits of reducing material consumption while displaying cherished memories of friends, family, or colleagues.

¹PaperLab paper requires up to 99% less water. Including the consumption of water that is required when growth of trees is used as raw materials for commercial paper. Source: Estimated by Prof. Itsubo Laboratory, Faculty of Environment, Tokyo City University. Materials of P.R.VAN OEL & A.Y. HOEKSTRA (2010). Quote of Calculated value of National Research and Development Agency Japan Science and Technology



ECOTANK

Case study: EcoTank Printer - Udon Thani Hospital, Thailand

In response to the COVID-19 pandemic, Udon Thani Hospital swiftly adjusted its workflow, safety standards, and resource management to ensure efficient patient care. The hospital was later designated as the COVID-19 vaccination centre for the area, serving 140,000 residents in the Mueang Udon Thani district.

To enhance their operations, Udon Thani Hospital replaced most of their printers with the Epson EcoTank M3170. This monochrome multifunction inkjet printer offers remarkable sustainability features. It enables duplex printing, reducing paper usage by up to 50%. With its long-lasting ink, just one bottle can print up to 6,000 pages¹. EcoTank printers reduce up to 85% less power consumption², generate up to 85% less carbon dioxide³ and require up to 59% less replacement parts in comparison to laser printers⁴. Additionally, the product is more energy-efficient than traditional laser printers with its Heat-Free Technology.

¹Applicable to 005 high-capacity ink bottles

²Statistics above are based on results from internal testing conducted by Epson, using Epson L6550 ISO Color 12ipm vs Laser model ISO Color 22ppm test for power consumed to print 20 pages. Testing single page A4 document of ISO Office Final PDF (ISO/IEC 24734). Each test was conducted twice by Epson to ensure consistency of results. Both printers have been tested under same conditions.

³Annual CO2 output calculations were based on JEMAI-LCA Pro Software. Cedar tree CO2 absorption calculations were based on Japan Forestry Agency standards of 8.8kg CO2 per annum per tree.

⁴Statistics above are based on results from internal testing conducted by Epson. Comparison models were selected from among the top-selling 50% of A4 color laser printers (21-30ppm class) listed in IDC Worldwide Quarterly Hardcopy Peripherals Tracker 2019Q3 data CY2018Q4-CY2019Q3 results. The volume of consumables and replacement parts needed to print 200K pages was calculated by Epson based on yields published by the manufacture for each model. Quoted yields are stimulated figures calculated by Epson based on ISO/IEC24712 methodology.

*Applicable to 001 and 008 ink bottles
(page yield of 6,000 for colour and 7,500 for black)

**Applicable for 008 inks only.]

[Disclaimer: Limited to 005 high-capacity ink bottles.]



ON-DEMAND COLOUR LABELLING

Case study: ColorWorks Colour Label Printer Solution - Avery Dennison

Avery Dennison, a global leader in branding, labelling, and packaging solutions, recognises the significance of labels, decorative materials, and packaging not only for branding purposes but also for efficient goods management throughout the supply chain.

Introduced in 2003 and gradually becoming popular in fashion and retail industries, radio frequency verification (RFID) smart labels enable the seamless, efficient, and cost-effective inventory management, from production to end-users.

Avery Dennison's commitment to sustainability is reflected in their state-of-the-art factory located in Long An, Vietnam. The facility employs world-class production technologies, including packaging, labels, accessories, and RFID labels, contributing to Vietnam's integration into the global supply chain.

To stay ahead of the growing demand for RFID labels, Avery Dennison invests in modern equipment and technologies. They partnered with Epson and invested in the Epson ColorWorks C7510G colour label printer solution. This inkjet line offers stable operation, high productivity, durability, and energy efficiency, minimising downtime, optimising production costs, and minimising waste.

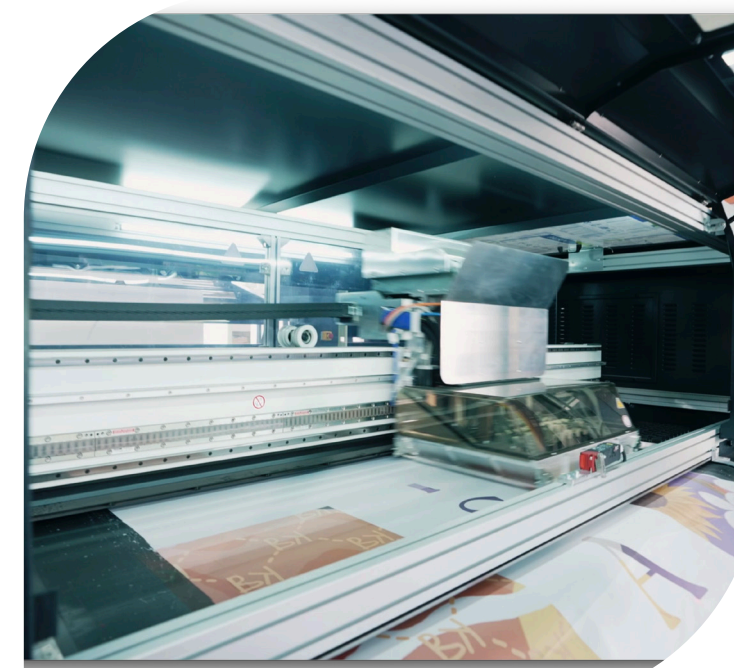
Through their collaboration with Epson, Avery Dennison has achieved new heights in production efficiency. They anticipate future business growth by leveraging advanced solutions from Epson, aligning with their shared sustainability vision.

DIGITAL TEXTILE PRINTING

Case study: Monna Lisa Direct-to-Fabric Printer - Bajukertas

Established in 2017 in Bandung, Indonesia, Bajukertas is committed to sustainable expansion in the field of Direct-to-Fabric printing.

With a focus on supporting local fashion brands in the post-pandemic era, the company strives to provide end-to-end services, including design, print, packaging and photo campaign management. Their commitment extends to making sustainable investments in human capital and equipment, fostering an innovative team dedicated to their vision and aspirations. With the belief that textile print industry will continue to grow with digitalisation, Bajukertas invested in Epson Monna Lisa EvoTre 16 Direct-to-Fabric printers to further strengthen their sustainability efforts. By embracing new technology, Bajukertas aims to champion sustainability efforts in digital textile printing business by creating long term value, while enhancing productivity in the business.



PROJECTION SOLUTIONS

Case study: Epson Laser Projector - Midwinter Restaurant

Standing tall on one of the world’s most heritage sites, Midwinter restaurant, located in Khaoyai, Thailand, has earned widespread acclaim for its use of exquisite materials and special delicacy recipes. At its core, the restaurant embodies a vision of creating an alluring space that beckons visitors with an unforgettable experience. One of the restaurant’s distinctive attractions is the 3D projection mapping on its architecture.

Driven by the goal of offering an immersive and captivating ambiance, Midwinter made a strategic shift to Epson EB-PU2010B laser projectors, ensuring that vibrant and sharp imagery are projected. By selecting Epson laser projectors, Midwinter restaurant not only addressed the limitations of their previous projector model but also gained significant advantages, including extended service life and reduced power consumption.

With no lamps to replace and the ability to operate for up to 20,000 hours¹, Epson’s projectors save on resources whilst also ensuring consistent delivery of true-to-life images and higher brightness. By opting for technology that offers lasting performance and reliability, Midwinter reduces their environmental footprint whilst providing patrons with immersive and engaging experiences.

¹ No required maintenance for the light source for up to 20,000 hours. Approximate time until brightness decreases 50% from first usage. Measured by acceleration test assuming use of 0.04 - 0.20 mg/m3 of particulate matter. Time varies depending on usage conditions and environment. Replacement of parts other than the light source may be required in a shorter period.



ROBOTICS SOLUTIONS

Case study: Epson Robotics - Bintang Toedjoe

Bintang Toedjoe, a subsidiary of Kalbe in Indonesia, manufactures consumer health products, creating innovative products for specific market segments whilst focusing on future automation and digitalisation of their operations.

As part of their corporate plan to embrace Industry 4.0, the company successfully automated its production line by utilising Epson LS3-B SCARA robot. In doing so, Bintang Toedjoe is able to enhance quality, productivity, and efficiency, as well as see the benefits of reducing manual labour risks and increased safety. This flexible manufacturing approach also empowers sustainable operations by enhancing resource efficiency, and minimising environmental impact. This approach requires less space, reducing the demand for industrial space and decreasing waste by reducing factors such as human error. The LS3-B robot does not require a battery for the encoder, eliminating the need for batter replacements and reducing battery wastage.

Looking to the future, the company has outlined a roadmap for further transformation that includes supply chain connectivity and stakeholder support.



OUR SOCIAL RESPONSIBILITY



WORKING FOR A BETTER FUTURE

At Epson Southeast Asia, we prioritise our people and the broader social impact we seek to create. Our ongoing social sustainability journey in the region has resulted in a number of significant initiatives coming to fruition in the past year. In line with SDG 8, “Decent work and economic growth”, we are dedicated to building an inclusive, diverse, and accessible workplace.

A key goal for Epson Southeast Asia is to create a Smart, Sustainable, and Safe workplace, and we are happy to say that we are taking steps towards achieving this.

In the past 12 months, we have implemented several programmes to support our employees with work life balance and overall wellbeing. Two notable programmes are the Flexi-Time and Flexi-Place initiatives. The Flexi-Time programme allows employees to adjust their working hours in the office to accommodate their work and personal commitments. On the other hand, the Flexi-Place programme allows employees to work remotely one day per week, providing them with flexibility and convenience.

Additionally, we have introduced a Work-Life Balance initiative, including a quarterly special half-day off for FY23. This initiative aims to help employees better manage their work life balance, ensuring their wellbeing and enabling them to maintain high levels of quality and performance at work. We firmly believe that fostering a healthy work-life balance positively impacts employee wellbeing and productivity.

DIVERSITY AND EQUAL OPPORTUNITIES

At Epson Southeast Asia, we believe that diversity is a catalyst for innovation and growth, and we are committed to fostering a diverse and inclusive workplace. We are pleased to share our statistics as a testament to this.

At the leadership level in Epson Southeast Asia, we take pride in achieving a ratio of 40% female and 60% male representation. This gender diversity demonstrates our dedication to providing equal opportunities for all employees and ensuring that women are well-represented in leadership positions.

At our Southeast Asia regional headquarters, we have made significant progress towards achieving gender parity.

Currently, we have achieved a ratio of 48% female and 52% male, which is an accomplishment that we are extremely proud of. This near parity reflects our ongoing efforts to create an inclusive and equitable workplace where individuals of all genders can thrive and contribute to our collective success.

Employee development

At Epson Southeast Asia, we recognise the importance of the continued development of our employees.

ONBOARDING PROGRAMME

This begins with providing a supportive environment for our new hires, ensuring their wellbeing and fostering their development from the very beginning. To achieve this, we have implemented a comprehensive 6-month onboarding programme that is designed to set a good foundation for their journey with us.

Our onboarding programme encompasses various components aimed at integrating new hires into the Epson culture and equipping them with the necessary knowledge and support. One key element is our buddy system, where each new hire is paired with an experienced employee who serves as their mentor, facilitating a seamless transition into the organisation.

Our orientation programme provides new hires with an in-depth introduction to Epson’s values, mission, and business operations. This programme helps them gain a broad understanding of the organisation and their role within it, ensuring they feel connected and aligned with our vision.

We value the opportunity for new hires to have a session with top management. This engagement provides a unique opportunity to gain first-hand insights from our leaders, understand the strategic business direction and feel connected to our leaders in this collaborative culture.

UNCONSCIOUS BIAS TRAINING

To enhance awareness and promote fair decision-making, unconscious bias training has been developed and rolled out to all employees across Singapore, Vietnam, Thailand, Indonesia, Philippines, and Malaysia. Recognising the importance of inclusivity at all levels, the training was translated into local languages.

To ensure continued success, this training will be embedded into our onboarding programme for new employees, and training for hiring managers. Monitoring the impact of this training will be a future focus for the team to ensure its continued efficacy. We will continue to drive initiatives that aim to foster the contributions of every individual, regardless of gender or background.

SUSTAINABILITY COMMUNICATIONS AND TRAINING

In line with SDG 9 (Industry, Innovation, and Infrastructure), Epson has developed a vision to be a leader in sustainable products, services, and practices.

To allow customers to make informed decisions in line with their company sustainability goals and strategy, we have worked to ensure that external stakeholders including end users understand the sustainability benefits of each Epson product.

To this end, the marketing team has partnered closely with business units to define the sustainability proof points of each Epson product. This ensures that the benefits are communicated to stakeholders and all sales and marketing teams have been trained on this information accordingly.

We have developed a comprehensive sustainability communications kit that outlines Epson's global sustainability goals and highlights the sustainability actions undertaken in Southeast Asia. The communications kit has been rolled out to all our local offices in Southeast Asia.

To demonstrate the real-world impact of our products, we have compiled customer success stories and developed case studies to highlight sustainability-related benefits to our end users. These profiles share the positive environmental outcomes our products can help businesses to achieve.

In compiling and sharing this information to external stakeholders, we are supporting our clients to make sustainable purchasing decisions to improve sustainability in their operations.

EMPLOYEE WELLBEING

We believe that the wellbeing of our employees is paramount to their success and underpins our overall business performance. We are dedicated to creating a culture that fosters employee wellbeing and provides opportunities for personal development and growth.

To address the challenges posed by the pandemic and to ensure the wellbeing of our employees, we implemented various initiatives. We continued to engage our employees through online activities to ensure connection and support whilst working remotely. We acknowledged their dedication and resilience by sending wellbeing packs to our employees, acknowledging their efforts, and offering support.

Even as we move beyond the pandemic, we have continued to provide flexible work arrangements, promoting a healthy work-life balance, and creating an environment where our employees can thrive.

To encourage ongoing connection with colleagues, we organise a range of in-person events throughout the year. These include interest groups, workshops and talks, sporting events, the annual dinner & dance, and company retreat. These activities promote teambuilding and employee engagement, as well as contributing towards our Corporate Social Responsibility efforts, enabling our employees to have an impact on our broader community and environment.

CONTRIBUTING TO COMMUNITIES AND CONSERVATION

As part of our commitment to contribute towards communities and conservation, Epson Southeast Asia is implementing a number of initiatives including various strategic partnerships around the region.

INTERNSHIP PROGRAMME

One of our key initiatives is the Internship programme which aims to provide valuable professional experiences to students.

The internship programme has been successfully expanded across the region. The programme has garnered positive response from the business in Singapore, with various business units actively submitting applications for new internship positions. This programme has also sparked interest from countries across Southeast Asia, inspiring them to adopt similar initiatives.

PARTNERSHIP WITH THE RAINBOW CENTRE

In line with our dedication to inclusivity and empowering disadvantaged members of the community, Epson Southeast Asia has established a partnership with the Rainbow Centre. The Rainbow Centre is a non-governmental organisation (NGO) that envisions an inclusive society where people with disabilities can thrive.

Through this partnership, we collaborate with the Rainbow Centre to improve work and economic outcomes for persons with disabilities. In April 2023, representatives from the Rainbow Centre presented at Epson Singapore's in-person Town Hall meeting, where we officially signed the partnership agreement.



By partnering with the Rainbow Centre, we are able to promote volunteering opportunities to our employees, including skills-based, service-based, and event-based volunteering. This collaboration allows our employees to contribute their time and skills to empower individuals with disabilities and help them to create meaningful connections with the broader Singapore community.

The first volunteering activity took place on 25th May where Epson employees had the chance to attend the centre and interact with some of the children with special needs. Over 40 Epson staff joined the more than 200 students, caregivers, and teachers to visit the Flower Dome and Cloud Forest at Gardens By The Bay. It was an exciting day for us as we interacted with the students, allowing us to learn more about their disabilities and ways to communicate.

It was heart-warming to see the smiles of the children and we hope that this activity has allowed our staff to understand the importance of integrating inclusivity into our communities.

"We are grateful to Epson Singapore for their enthusiasm, openness, and sincerity in contributing to Rainbow Centre's mission of building inclusive communities. These opportunities enable children and youths with disabilities to practise their communication and social skills in a fun setting with their peers, teachers and new friends. We hope this experience will also spark interest in employees to learn more about disability and encourage their own family and friends to practise inclusion in little ways."

Ms Jean Loo, Deputy Director, Advocacy and Community Engagement
Rainbow Centre, Singapore

"The Rainbow Centre is an established organisation that supports youths and children with disabilities, and we are happy to be able to contribute to their cause with this new partnership. We have and will continue to stay committed to building a culture that values inclusion, and this partnership with Rainbow Centre is just one of the many ways we're working towards that goal. For our first activity together, we teamed up with the Rainbow Centre staff to bring some of their students out for an excursion to Gardens by the Bay. It was truly a fulfilling and enjoyable experience for everyone involved."

Siew Jin Kat
Regional Managing Director at Epson Southeast Asia and Executive Officer at Seiko Epson Corporation

PARTNERSHIPS WITH IMPACT ORGANISATIONS

As part of our commitment to strengthening partnerships for sustainable development, we are developing relationships that can support and action these important changes.

SINGAPORE FASHION COUNCIL (SFC)

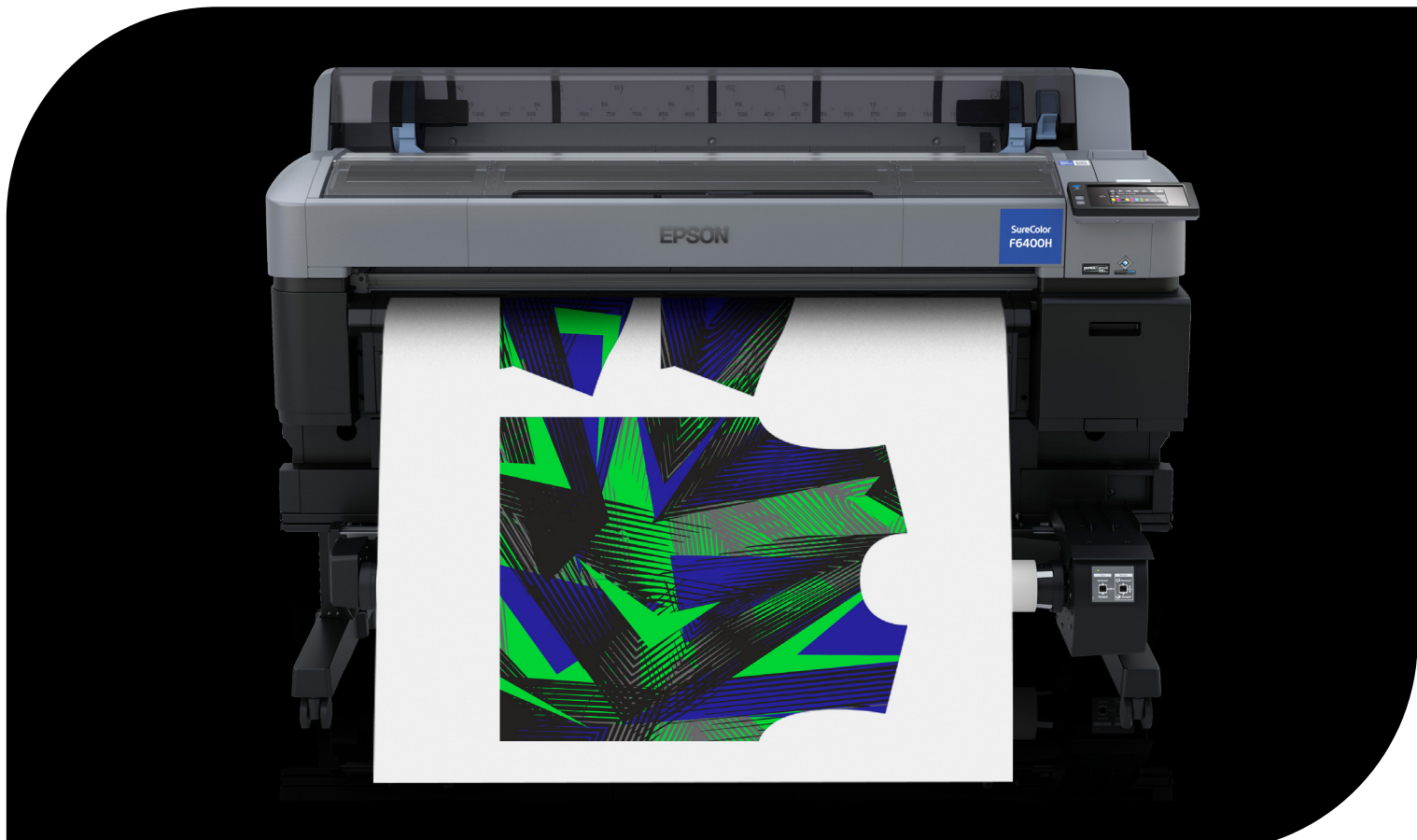
In July 2022, Epson participated in the “Enable The Change Sustainability Summit”, a season-long event organised by the Singapore Fashion Council (SFC). As part of the sponsorship, Epson provided a textile printer and a heat press at Makers Studio (The Cocoon Space) for members of SFC to use, aiming to raise awareness of digital printing technology and its potential to reduce waste in the fashion industry.

Digital printing processes can reduce waste material by 95% and save at least 60% of water compared to traditional printing methods. Epson’s dye sublimation inks are Oeko-Tex certified and free of harmful substances, ensuring their safety for textile production.

The Fashion Sustainability Summit, part of the “Be The Change” initiative, gathered global industry leaders, enterprises, and government to outline actionable solutions that will lead to a greener future, and practical toolkits that deliver sustainable frameworks and standards. In attendance as the guest of honour was Grace Fu who is Singapore’s Minister for Sustainability and the Environment.

The event aimed to bring together key actors of the sustainable fashion ecosystem and providing opportunities for sustainability practices to be shaped and accelerated to reduce environmental footprint and spark greater change.

The partnership with SFC demonstrates Epson’s commitment to sustainability and minimising environmental impact.



SDG PROGRESS



OVERVIEW OF OBJECTIVES AND PROGRESS ON SDGS

This report was developed to align with our global headquarters in Japan. More information on our SEA operations can be seen in Epson’s Global Sustainability Report. For the purposes of this report, we identified the Sustainable Development Goals that are most material to Epson SEA’s business operations and selected 5 that were focused on where SEA can make the biggest impact and where the actions best align with Epson’s Global sustainability goals.

The data in this report relates primarily to Epson Southeast Asia regional headquarters, which scope of activities include sales, marketing, distribution, and after-sales of Epson products and services. These are referred to as Southeast Asia and are in Singapore, Malaysia, Thailand, Vietnam, Philippines, Indonesia.

Key highlights

The steps that have been taken on Epson Southeast Asia’s sustainability journey in the past year are an encouraging start. With ambitious global targets in place, Southeast Asia will need to continue on our journey to have the desired impacts across our SDGs for the region.

An inclusive, diverse and accessible workplace (SDG 8)

From developing and releasing the regional Unconscious Bias training to all employees, developing, and growing the internship programme, and launching the partnership with the Rainbow Centre, Southeast Asia is clearly prioritising an inclusive, diverse, and accessible workplace.

Be a leader in sustainable products, services and practices (SDG 9)

The business has taken steps towards this by sharing the importance of the SDGs and Epson’s action plan with employees in the region. Customer case studies will continue to be developed to showcase the sustainability benefits of particular products.

A circular economy mindset to business (SDG 12)

Undertaking a feasibility study to consider product refurbishment has highlighted some challenges and opportunities for further consideration, affirming the importance of implementing new ideas and innovations.

Be a net-zero business (SDG 13)

An increase in drop shipments has been trialled with a recognition that this is an impactful way to reduce Epson Southeast Asia’s distribution emissions profile. An increase of 2% in drop shipments is planned for 2024.

Increase impact through partnership (SDG 17)

The regional partnership with WWF is in place supporting conservation efforts and enriching communities within Southeast Asia. The partnership with the Singapore Fashion Council has potential to make an impact in the fashion industry.

LOOKING FORWARD

From here, Epson Southeast Asia is committed to building upon the progress we have achieved so far. Our focus will be on driving impact across our business operations, our value chain, and through partnerships and collaborations. We understand the importance of data-driven approaches and will bring further rigour in this regard. Engaging all countries in the Southeast Asia region will be a priority as we work towards our regional goals.

We acknowledge that as a corporate citizen, it is imperative for us to lead by example. We will continue to educate and engage our stakeholders, including customers and suppliers, to foster a greater understanding and realisation of a sustainable society.

