

SP Singapore Polytechnic

ENVIRONMENTAL SUSTAINABILITY DISCLOSURE

FOR FINANCIAL YEAR 2025

October 2026

Photo credit: Singapore Polytechnic

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Photo credit: Frederick Loh

Singapore Polytechnic



Photo credit: Singapore Polytechnic

About SP

Established in 1954, Singapore Polytechnic has been a trailblazer in Singapore's educational landscape. As a polytechnic for all ages, we prepare our learners to be life ready, work ready and world ready for Singapore's transformation.

Today, our ten schools offer 30 full-time diploma courses and four common entry programmes to more than 12,800 students. Our alumni network comprises over 246,000 graduates who have excelled in various fields, including successful entrepreneurs, top executives in multi-national and public-listed corporations, distinguished professionals across various industries, and government leaders.

Continuing Education and Training (CET) is a core part of SP's education model. Through our CET offerings, SP plays an integral role in enterprise transformation, workforce upskilling and reskilling for the future economy.

SP is committed to sustainability, and we have integrated eco-conscious practices across our curriculum and operations. Through our schools and industry centres, we collaborate with enterprises to develop innovative solutions to address society's sustainability challenges. Our diploma curriculum now includes essential sustainability modules, and all diploma students undertake at least one Sustainable Innovation Project during their studies.

About this Disclosure

Disclosures are for Financial Year 2025, i.e. 1 April 2025 to 31 March 2026. No external assurance was sought for this disclosure.

We welcome suggestions and feedback to help us improve our future disclosures. You can reach out to SP's Sustainability Office at **sustainability_office@sp.edu.sg**.

SP Singapore Polytechnic

Executive Summary

Our 60-30 Vision

We have set FY2022 as the baseline year for our Scope 1 and 2 greenhouse gas (GHG) emissions.

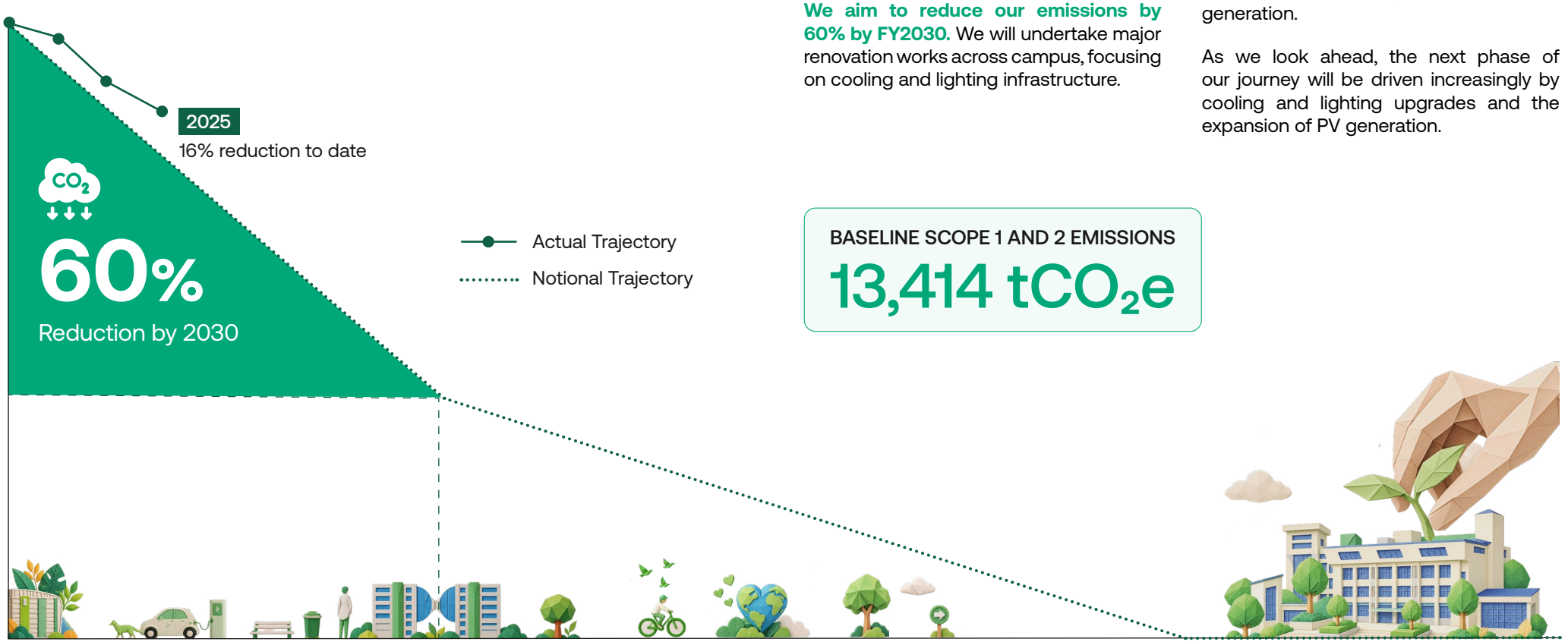
Our combined Scope 1 and 2 emissions for that year were 13,414 tCO_2e.* About 60% was attributable to electricity consumption from air conditioning, and another 10% to refrigerant gases from air conditioning units.

We aim to reduce our emissions by 60% by FY2030. We will undertake major renovation works across campus, focusing on cooling and lighting infrastructure.

Three years into our 60-30 journey, we have achieved a 16% reduction in Scope 1 and 2 emissions from our FY2022 baseline. This progress has been driven by operational improvements, behavioural change and the commencement of on-campus solar photovoltaic (PV) generation.

As we look ahead, the next phase of our journey will be driven increasingly by cooling and lighting upgrades and the expansion of PV generation.

GHG Emissions (tCO_2e)



Note: Emissions values have been rounded to the nearest tonne of CO_2e for reporting purposes.

SP Singapore Polytechnic

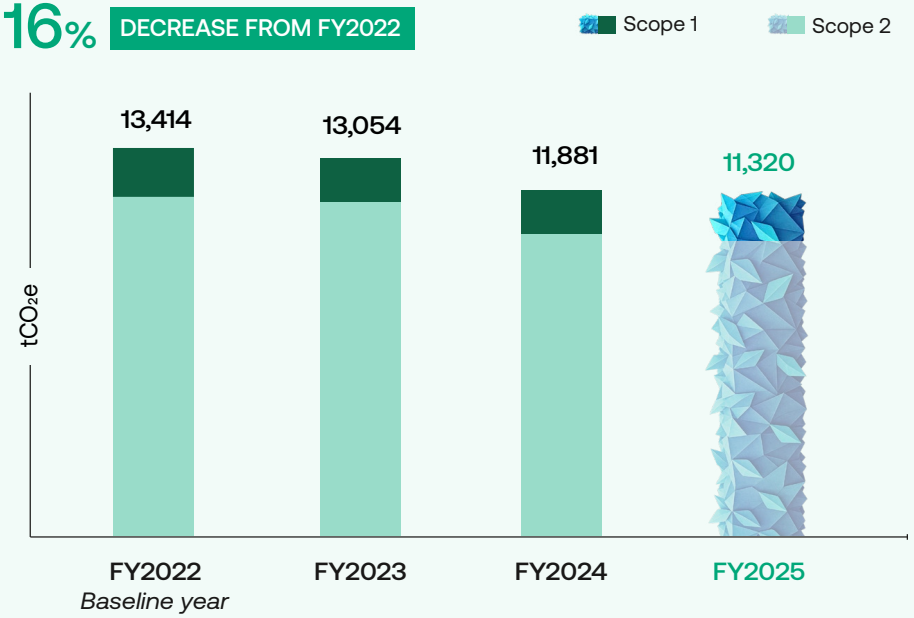
Executive Summary

Summary of FY2025 Disclosures

SCOPE 1 AND 2 GHG EMISSIONS

Combined Scope 1 and 2 Emissions

16% DECREASE FROM FY2022



CAMPUS GREENING

Number of Trees > 1 m in Girth

486



ENERGY

14%

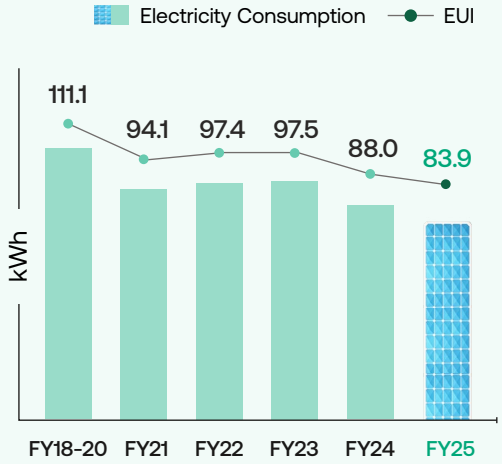
DECREASE IN EUI FROM FY2022

Energy Utilisation Index (EUI)

83.9 kWh/m²

Electricity Consumption

24,541,945 kWh



WATER

25%

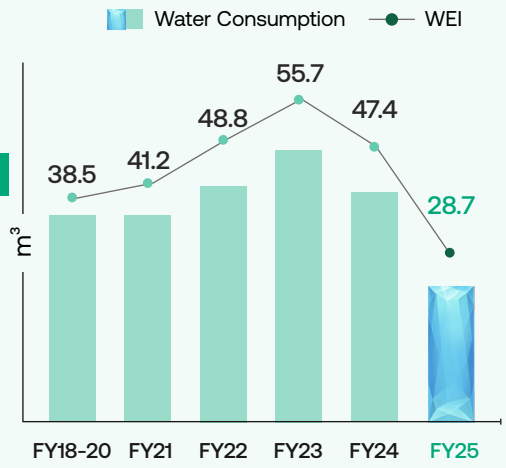
DECREASE IN WEI FROM FY2018-2020

Water Efficiency Index (WEI)

28.7 L/p/d

Water Consumption

184,305 m³



SP Singapore Polytechnic

Executive Summary

Summary of FY2025 Disclosures

WASTE

12%

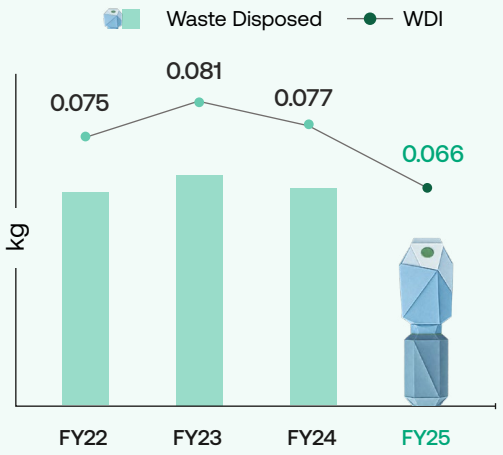
DECREASE IN WDI FROM FY2022

Waste Disposal Index (WDI)

0.066 kg/p/d

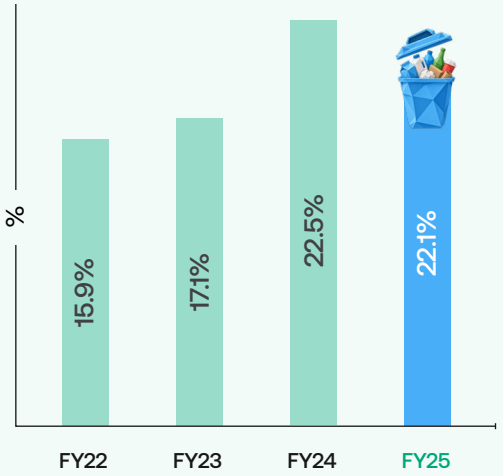
Waste Disposed

422,934 kg



% of Waste Generated that is diverted or recycled

22%



STAFF AND STUDENT MINDSETS

% Agreeing with the Importance of Sustainability

89% PET Students

94% Staff

% Commuting to SP via Green Transport Modes

96% Students

70% Staff

% of Staff Completing the SP Sustainability e-learning Module

97% *as at 31 Aug 2026*

ACADEMIC PROGRAMMES

% of PET Cohort Undergoing Common Core Curriculum

100%

Number of Sustainability-Related CET Courses

83

Number of PET Domain Modules with Sustainability Elements

137

Number of Sustainability-Related CET Training Hours

113,494

Number of Sustainability-Related PET Student Projects

227

Number of Students Attaining the Minor in Sustainability

21

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Executive Summary

Summary of FY2025 Disclosures

INDUSTRY ENGAGEMENT

Number of Sustainability-Related Industry Solutions Deployed

29

Number of Companies Benefitting from these Industry Solutions

16

COMMUNITY PARTNERSHIPS

% of the PET Intake Cohort Undertaking Sustainable Innovation Projects

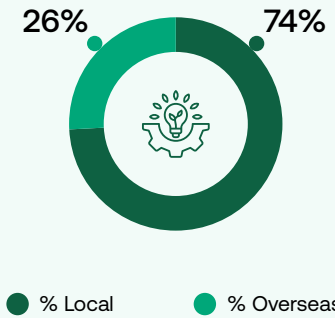
100%

No. of Staff Community Service Hours

812

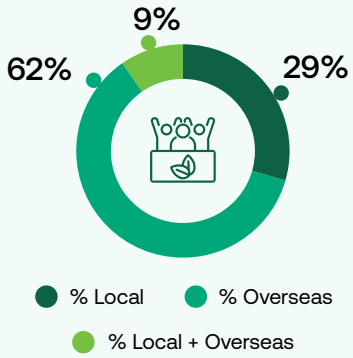
Number of Sustainable Innovation Projects

812



Number of Staff Involved in Sustainable Innovation Projects

117



DIVERSITY AND INCLUSION

% of Women Among SP Staff

Women 44%

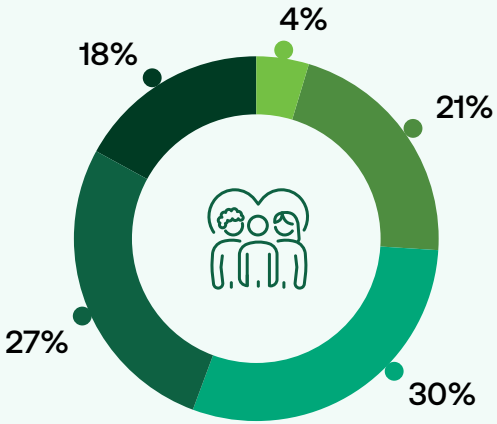
Men 56%

% of Women Among Senior Management Team

Women 36%

Men 64%

Age Profile of SP Staff



% of PET Enrolment with Special Educational Needs (SEN)

6%

Number of PET Students Receiving SP-administered Bursaries

1,318

SP Singapore Polytechnic

Foreword

Janet Ang
Chairperson
The Board of Governors
Singapore Polytechnic

Soh Wai Wah
Principal & CEO
Singapore Polytechnic

We are pleased to share Singapore Polytechnic's fourth Environmental Sustainability Disclosure for Financial Year 2025.

When we set out our 60-30 Vision in FY2022, we knew that reducing our Scope 1 and 2 greenhouse gas emissions by 60% by 2030 would require sustained effort and collective commitment. Three years on, we are encouraged by the substantial progress we have made. Our Scope 1 and 2 emissions have fallen by 16% from our FY2022 baseline, driven largely by a 13% reduction in electricity consumption. This reflects the collective efforts of the SP community, who rallied behind our campus-wide "5% Challenge" to reduce electricity consumption, exceeding the target ahead of FY2025.

Our next phase of progress will be driven primarily by longer-term investments in campus infrastructure. Early gains have come largely from operational improvements and behavioural change across our campus community. Looking ahead, further emissions reductions will increasingly depend on projects such as our campus PV systems, LED lighting and cooling system upgrades. These projects will play an important role in sustaining momentum towards our 2030 goal.

We have also achieved our 2030 Water Efficiency Index target ahead of schedule. This was driven by campus-wide efforts to identify and rectify water leaks, alongside ongoing upgrades to more water-efficient infrastructure.

In FY2025, we extended the '5% Challenge' to waste and achieved a 14% reduction in our Waste Disposal Index from FY2024. Waste audits helped us identify opportunities for further improvement. We introduced recycling bins in all offices and deployed smart recycling hubs, improved waste segregation with our contractors, and strengthened sustainability education to help staff and students make more informed disposal decisions.

Our sustainability efforts also extend beyond our campus. We continue to work with industry partners to develop and scale solutions that support Singapore's sustainable transformation. In the maritime sector, for example, we co-developed an immersive firefighting training system using mixed reality technology to address critical safety challenges associated with the transition to cleaner fuels such as methanol.

There is still much work ahead. Yet, the progress we have made shows what is possible when our community works towards a common goal. Together with our students, staff and partners, we will continue to advance our sustainability ambitions and help build a more sustainable future for SP and the wider community.

Let us continue to show that with SP, sustainability is So Possible!



SP Singapore Polytechnic



Our Sustainability Vision

Photo credit: Singapore Polytechnic

SP Singapore Polytechnic

Our Sustainability Vision

Scope 1 and 2 Baseline

Our baseline year is FY2022 and our combined Scope 1 and 2 emissions for that year were 13,414 tCO_2e*.

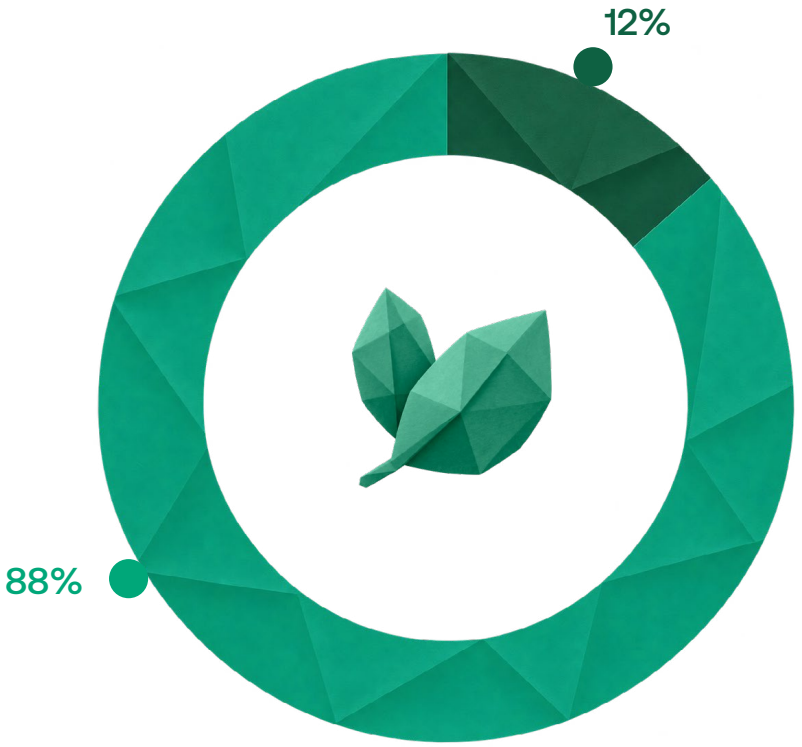
Our baseline was determined through a consultancy study with KPMG Singapore in 2023. It serves as a starting point for tracking our emissions performance and developing our medium- to long-term sustainability plan.

Our organisational boundary is defined using the operational control approach, with reference to the GHG Protocol Corporate Accounting and Reporting Standard. It covers SP's Dover Campus and Poly Marina, while excluding entities outside SP's operational control, such as our subsidiaries, tenants and vendors.



Photo credit: Singapore Polytechnic

**Note: Emissions values have been rounded to the nearest tonne of CO_2e for reporting purposes. As a result, totals may not equal sum of individual figures due to rounding.*



FY2022 Baseline Scope 1 and 2 Emissions

13,414 tCO_2e

Scope 1:
1,674 tCO_2e
>99% from refrigerants, remainder from fuels

Scope 2:
11,741 tCO_2e

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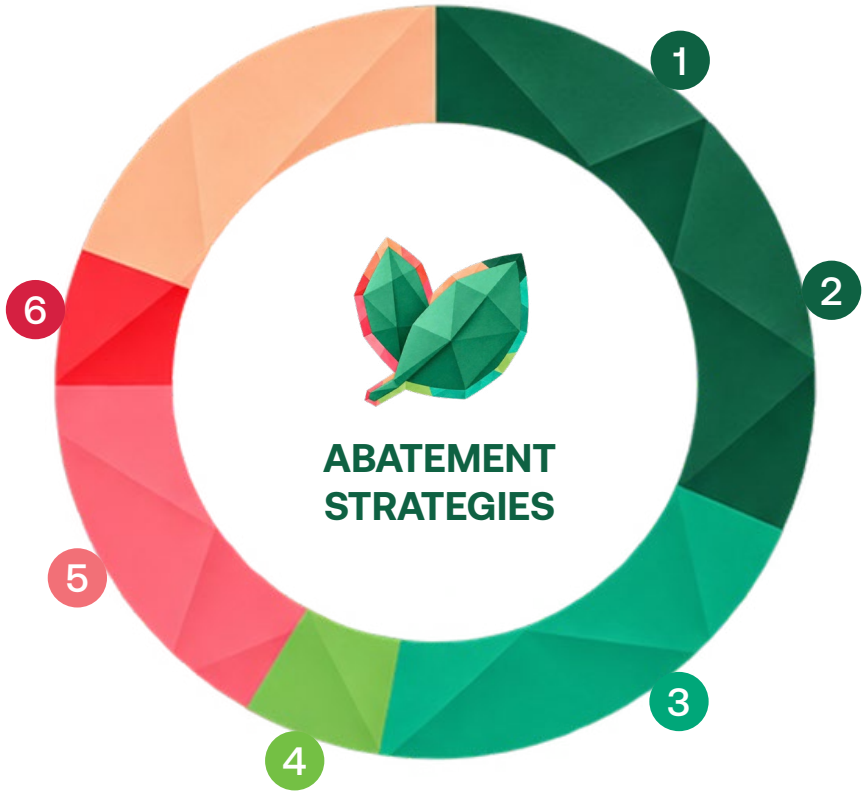
Our Sustainability Vision

Emissions Abatement Strategies

Overview of SP's six key strategies to reduce emissions.

Through our consultancy study with KPMG Singapore, we determined that (a) almost all of our Scope 1 emissions were associated with refrigerants from air conditioning units, and (b) about 60% of our Scope 2 emissions were associated with air conditioning.

We have identified six key strategies to focus on in the near to medium term. These strategies are collectively estimated to reduce annual GHG emissions by 55%.



1 Chiller Optimisation

2 Chiller Replacements

3 DX Unit Replacement

4 Lighting Optimisation

5 On-campus Solar Power Generation

6 Behavioural and Operational Changes



SP Singapore Polytechnic

Our Sustainability Vision

Emissions Abatement Strategies

Improving air conditioning systems to lower energy use and emissions.

1 Chiller Optimisation

While most of SP's campus is already cooled through chilled water systems, air conditioning still accounts for about 60% of our Scope 2 emissions. We will install sensors, meters, and control systems to improve the efficiency of our air conditioning, taking into account real-time changes in ambient conditions.

2 Chiller Replacements

SP's chillers are ageing, with some almost 30 years old. Given that the efficiency of chiller systems deteriorates over time, we will upgrade our ageing chillers to newer models with better efficiency.

3 DX Unit Replacement

DX air conditioning units use refrigerants rather than chilled water for cooling, with refrigerant emissions accounting for about 10% of SP's overall emissions.

Where practicable, we will retire DX units and connect the facilities they serve to the chilled water network. For facilities requiring 24/7 cooling, such as wafer fabrication laboratories, older DX units will instead be replaced with newer models that use lower-emission refrigerants.





1 Chiller Optimisation
2 Chiller Replacements
3 DX Unit Replacement
4 Lighting Optimisation
5 On-campus Solar Power Generation
6 Behavioural and Operational Changes

SP Singapore Polytechnic

Our Sustainability Vision

Emissions Abatement Strategies

Reducing emissions through efficient lighting, solar energy and behavioural change.

4 Lighting Optimisation

Fluorescent lighting still accounts for a significant share of lighting fixtures across SP. We will progressively replace these with more energy-efficient, longer-lasting LED units.

This will be coupled with the installation of occupancy sensors where practicable, to further optimise electricity consumption by automatically switching off or dimming the lights when there is no human traffic.

5 On-campus Solar Power Generation

SP is participating in the SolarNova initiative, which is expected to yield at least 4.2 GWh of green energy per year, or more than 13% of SP's baseline annual electricity consumption.

6 Behavioural and Operational Changes

We aim to achieve significant emission reductions through behavioural and operational changes that do not rely solely on infrastructural upgrades.





1 Chiller Optimisation

2 Chiller Replacements

3 DX Unit Replacement

4 Lighting Optimisation

5 On-campus Solar Power Generation

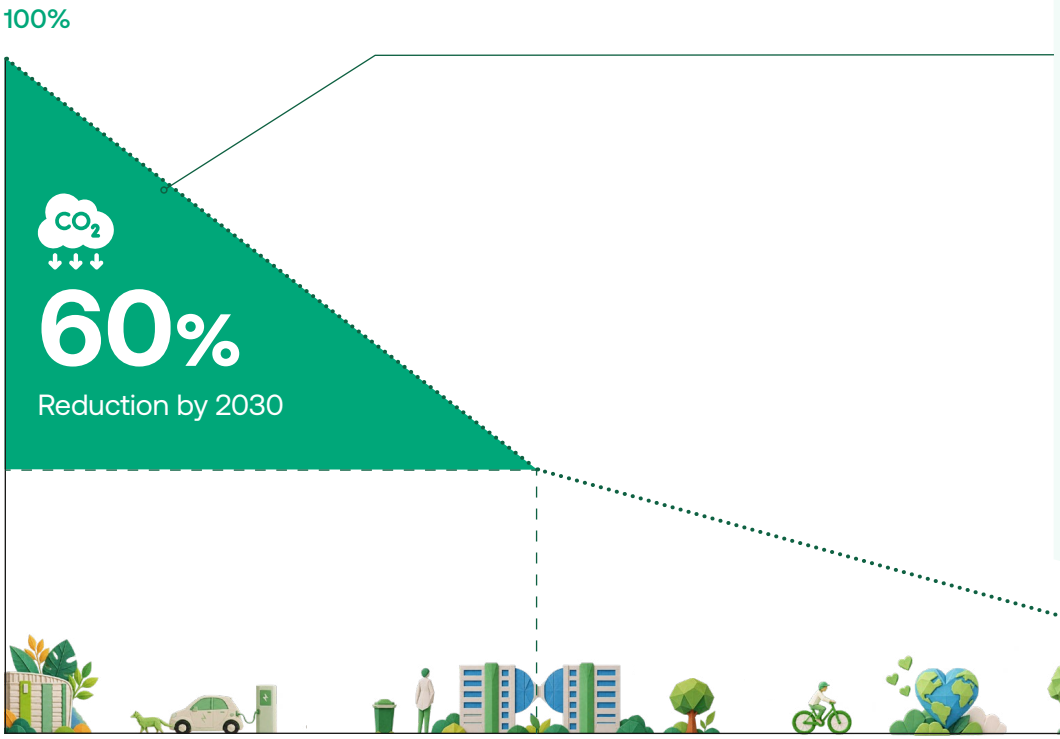
6 Behavioural and Operational Changes

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Our Sustainability Vision

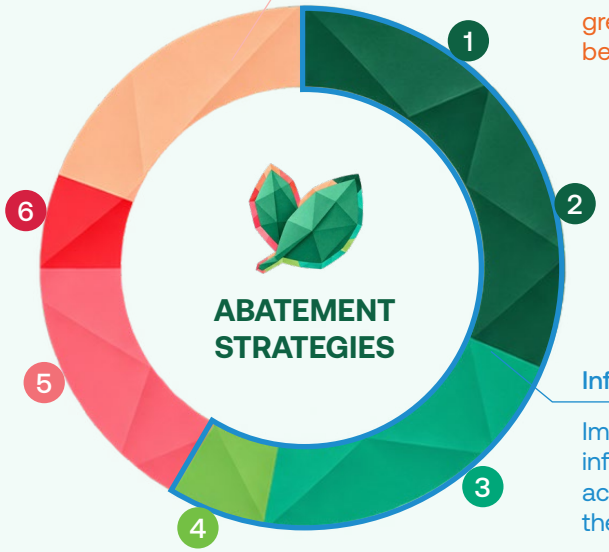
Putting It Together – Our 60-30 Vision

Factoring in expected reductions in Singapore's Grid Emission Factor arising from the greening of the country's energy grid between now and 2030, we expect these strategies to reduce our annual GHG emissions by about 60%.



Greening of National Grid

We assume progressive greening of the national grid between now and 2030



Infrastructure Enhancements

Improvements to infrastructure are expected to account for more than half of the emissions reductions.

1. Chiller Optimisation
2. Chiller Replacements
3. DX Unit Replacement
4. Lighting Optimisation
5. On-campus Solar Power Generation
6. Behavioural and Operational Changes

2045 Target for Public Agencies

2050 Target for Singapore

SP Singapore Polytechnic

Our Sustainability Vision

Looking Ahead

Our 60-30 Vision focuses on Scope 1 and 2 GHG emissions. The reductions achieved to date demonstrate that operational improvements, behavioural change and renewable energy generation can make a meaningful contribution to lowering emissions.

Our progress to date demonstrates the impact of operational improvements and collective action across the campus community. Sustaining these gains will require ongoing monitoring and engagement, while achieving further emissions reductions will increasingly depend on major upgrades to cooling, lighting and renewable energy infrastructure. As these projects involve longer lead times and careful coordination to minimise disruption to campus activities, managing this transition while maintaining day-to-day performance will be a key focus on our journey towards FY2030.

Sustainability expectations will continue to evolve, and we will continue to review and strengthen our policies and practices while remaining practical and responsive in how we take our sustainability efforts forward.



Photo credit: Frederick Loh



Our Journey So Far

Photo credit: Singapore Polytechnic

SP Singapore Polytechnic

Our Journey So Far

October 2010



Photo credit: Singapore Polytechnic

SP became the first polytechnic to receive the President's Award for the Environment, Singapore's highest accolade recognising outstanding contributions to environmental sustainability.

August 2022


Photo credit: Lam Kok Seng

SP launched the Centre for Environmental Sustainability & Energy Efficiency (ESEE) to support enterprises in their sustainability transformation through consultancy, training and project-based solutions.

April 2024



Photo credit: Singapore Polytechnic

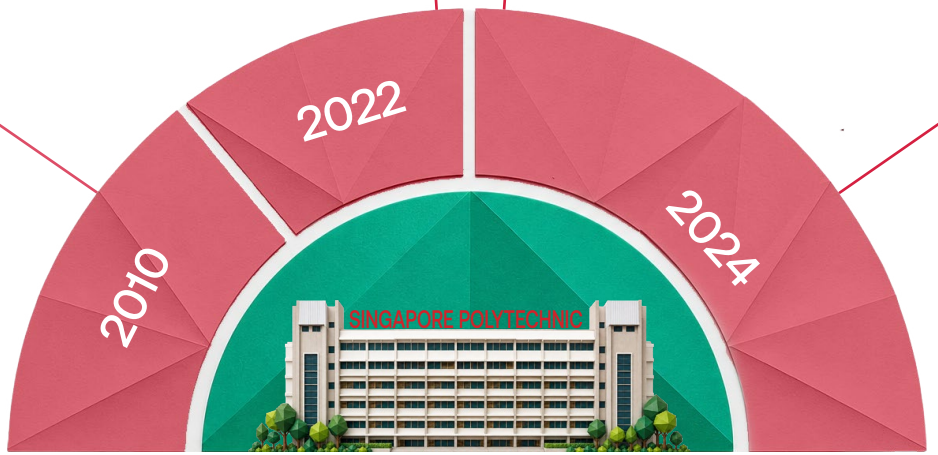
SP published its inaugural Environmental Sustainability Disclosure, formally setting out its 60-30 Vision to reduce Scope 1 and 2 GHG emissions by 60% from the FY2022 baseline by FY2030.

October 2024


Photo credit: Chia Fu Siong

SP's ESEE launched the Sustainability Learning Journey, an on-campus showcase of SP's sustainability capabilities and industry offerings.

To date, ESEE has worked with over 50 organisations and delivered customised training for over 300 participants from Institutes of Higher Learning, government agencies and trade associations.



SP Singapore Polytechnic

Our Journey So Far

March 2025



Photo credit: Lindy Wan

The Student Sustainability Award was introduced as part of SP's annual Excellence Awards to recognise students who demonstrate responsible and sustainable actions that benefit the SP community and beyond.

June 2025



Photo credit:
SP School of Chemical Life Sciences

SP became the first academic institution in Singapore to attain My Green Lab's highest-tier Green Certification, joining a global network of more than 500 organisations across 50 countries committed to sustainable laboratory practices.

July 2025



Photo credit:
National Volunteer and Philanthropy Centre

SP was conferred the Champion of Good by Singapore's National Volunteer and Philanthropy Centre, recognising its commitment to do good across the People, Society, Governance, Environment and Economic dimensions.

December 2025


Photo credit: Frederick Loh

SP's PV systems commenced operations under the SolarNova programme and are expected to generate at least 4.2 GWh of renewable energy annually, equivalent to more than 13% of SP's FY2022 baseline electricity consumption.

March 2026


Photo credit: Frederick Loh

SP exceeded the original goal of its 5% Electricity Challenge, achieving a **14%** reduction in Energy Utilisation Index (EUI) from the FY2022 baseline through sustained behavioural and operational improvements across campus.



SP Singapore Polytechnic



How We Are Organising Ourselves

Photo credit: Singapore Polytechnic

SP Singapore Polytechnic

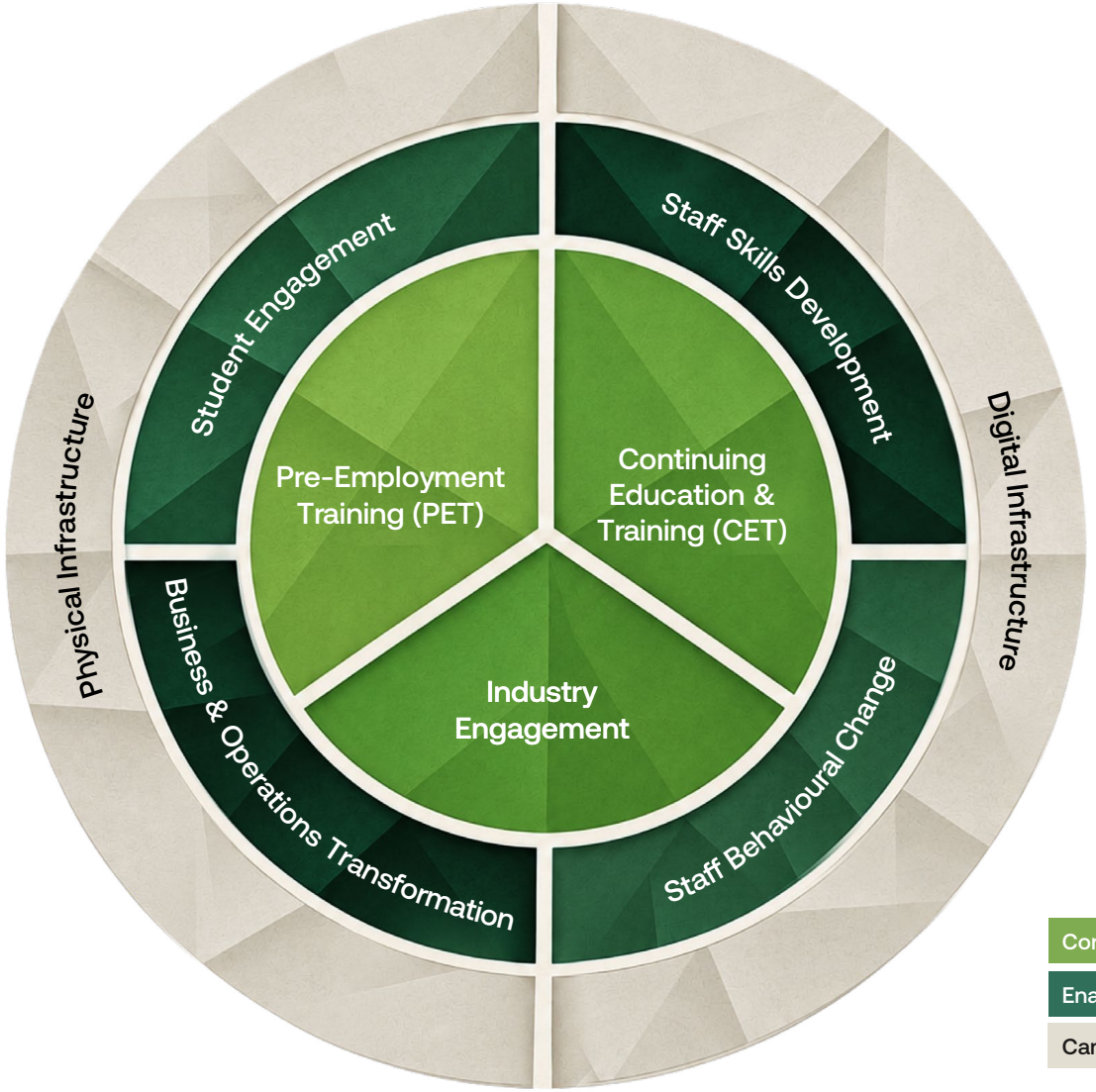
How We Are Organising Ourselves

Focus Areas

Our sustainability strategy is anchored in our core mission of PET, CET, and Industry Engagement.

As an institution that educates one in ten Singaporeans across every age cohort, with a further mandate to uplift local enterprises and upskill the workforce, we must do our part to instil a sustainability mindset among our learners and partners.

Our people are at the heart of this journey. They are the driving force behind transforming our operations and realising our net-zero ambition. We will invest in building staff and student capabilities, and actively involve our community in shaping the path forward.



SP Singapore Polytechnic

How We Are Organising Ourselves

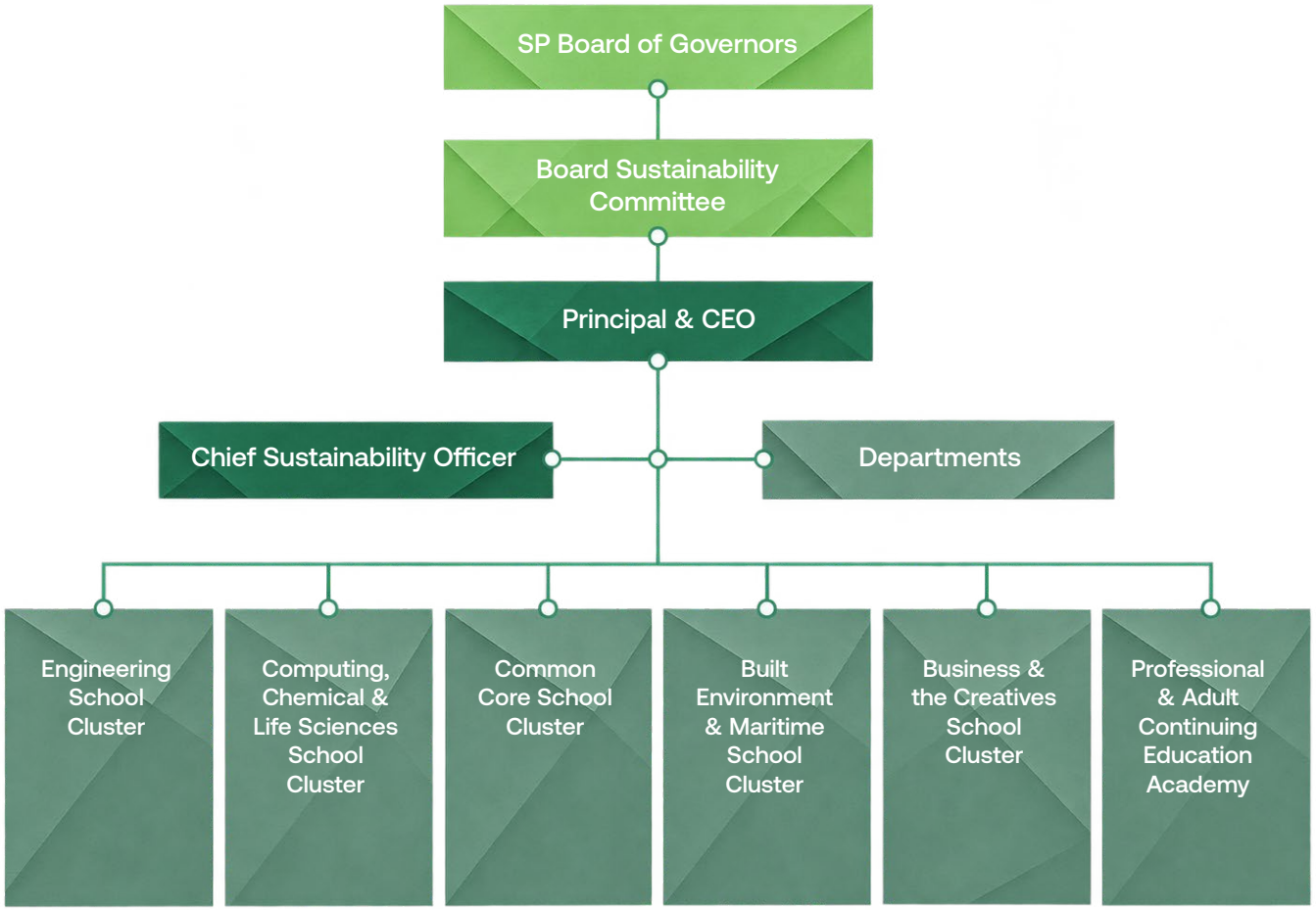
Governance Structure

Our governance structure reflects our commitment to integrate sustainability into all areas of SP's business that align with our PET, CET and Industry Engagement mission.

Sustainability is a key concern of SP's Board of Governors and features regularly as an agenda item in its quarterly meetings.

SP's Principal & CEO chairs SP's Sustainability Committee Meeting, which is held every 2 months and attended by senior management, with every school and department represented.

SP's Deputy Principal of Administration is SP's Chief Sustainability Officer (CSO). The CSO provides strategic oversight of SP's sustainability efforts and serves as Secretary to both the Board Sustainability Committee and Management Sustainability Committee, helping to ensure alignment between governance, strategy and implementation.



SP Singapore Polytechnic



FY2025 Disclosures

Photo credit: Singapore Polytechnic

SP Singapore Polytechnic

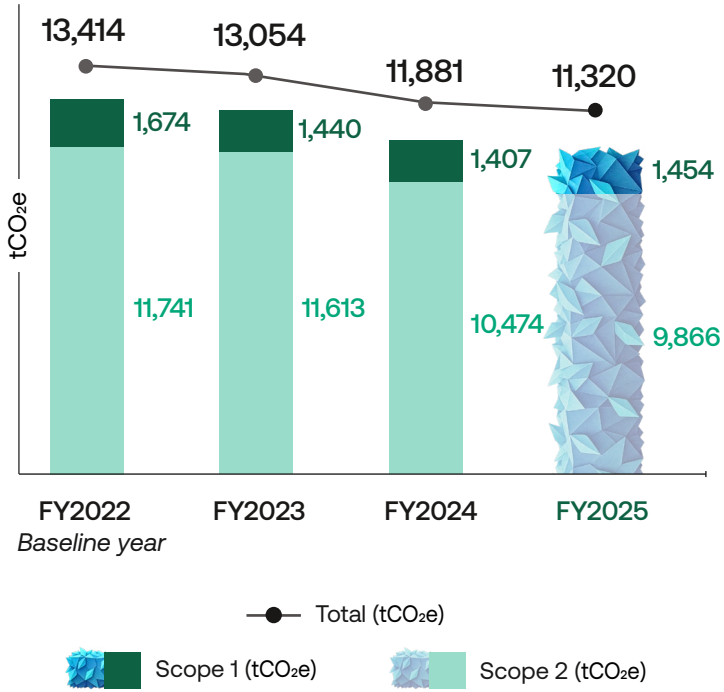
FY2025 Disclosures

GHG Emissions

FY2025 Disclosure

Combined Scope 1 and 2 Emissions

16% DECREASE FROM FY2022



Our Commitment

We will reduce our Scope 1 and 2 emissions by 60% by FY2030, from the FY2022 baseline.

This translates to approximately **5,300 tCO₂e** by FY2030.



SP Singapore Polytechnic

FY2025 Disclosures

GHG Emissions



Our Journey So Far

We have reduced GHG emissions by 16% compared to the FY2022 baseline, contributing meaningfully towards our 60-30 target.

This progress has been driven largely by reductions in Scope 2 emissions through operational improvements, behavioural change and the generation of on-campus solar energy. Since commencing operations in December 2025, our solar PV panels have generated an average of 260,000 kWh of renewable energy, avoiding about 100 tCO_2e of GHG emissions each month.



Solar PV panels at T18-B

We are preparing the infrastructure upgrades needed to sustain the next phase of emissions reductions.

As refrigerants remain the primary source of Scope 1 emissions, we are evaluating and implementing enhancements to our cooling infrastructure, including the replacement of ageing chillers and the adoption of refrigerants with lower Global Warming Potential. Together, these initiatives will support further emissions reductions in the years ahead.

Our Forward Plans

We will continue to improve the efficiency of our campus infrastructure.

As we advance towards our 60-30 emissions reduction target, the next phase of decarbonisation will be driven by infrastructure transformation. Key initiatives include upgrades to cooling and lighting infrastructure, the progressive replacement of ageing DX units, and the expansion of hybrid cooling solutions where suitable. Building on the SolarNova programme, we are also exploring opportunities to expand rooftop solar PV deployment across more buildings. As these projects are rolled out across campus, careful planning will be needed to minimise disruption to teaching, learning and campus operations.

Together, these efforts will improve energy efficiency, increase renewable energy generation and support sustained reductions in GHG emissions over the long term.



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FY2025 Disclosures

Energy

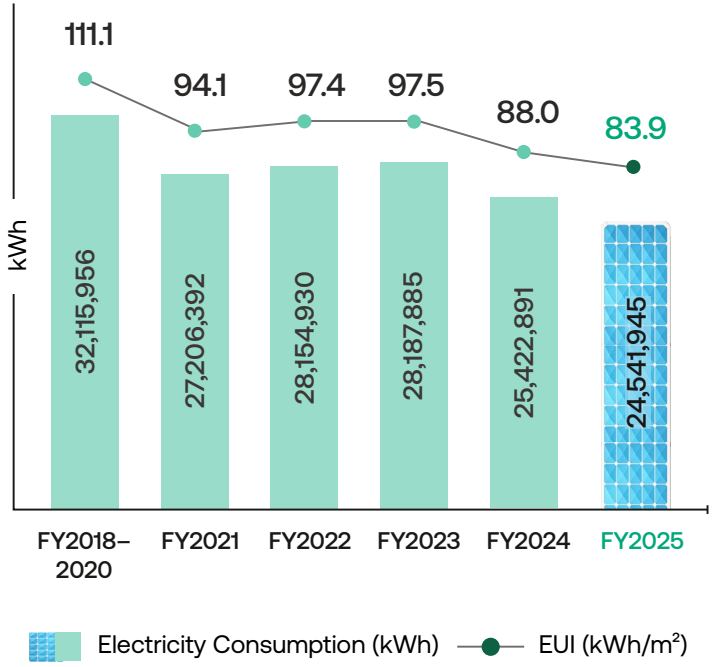
FY2025 Disclosure

Energy Utilisation Index

14% DECREASE IN EUI FROM FY2022

Electricity Consumption

24,541,945 kWh



Our Commitment

We have exceeded both the GreenGov target to improve our Energy Utilisation Index (EUI) by 10% from FY2018-FY2020 levels by FY2030, as well as our internal target to improve EUI by 5% from the FY2022 baseline by FY2025.

Building on this progress, and in line with Our 60-30 Vision, we have set a new EUI target of 50 kWh/m² by FY2030.



SP Singapore Polytechnic

FY2025 Disclosures

Energy

Our Journey So Far

We have exceeded the original goal of the 5% Electricity Challenge.

Compared to the FY2022 baseline, electricity consumption has been reduced by 13%, more than doubling the challenge target. This was driven by the collective efforts of staff and students, supported by operational improvements and the optimisation of campus facilities. These sustained reductions demonstrate the impact of combining behavioural change with data-driven facilities management.

We have strengthened our ability to monitor and manage energy consumption across campus.

Digital power meters are now installed across all campus buildings and connected to our campus-wide building management system. This provides more timely visibility of energy consumption patterns and supports data-driven decisions to further optimise campus operations.

Our Forward Plans

Please refer to the GHG Emissions section for details on our planned infrastructure enhancements, which will also support improvements in energy efficiency and progress towards our FY2030 EUI target.

Singapore's First Academic Institution to Achieve My Green Lab's Highest-Tier Green Certification

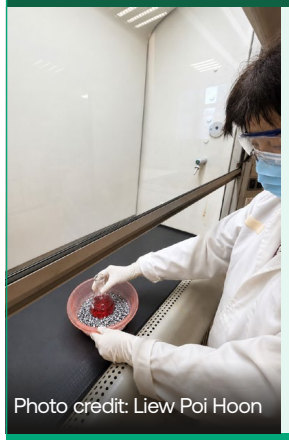


Photo credit: Liew Poi Hoon

The School of Chemical & Life Sciences (CLS) embarked on the globally recognised My Green Lab certification journey in 2024 to improve the sustainability of its laboratory operations. What began with two laboratory clusters has since expanded across almost all CLS laboratories. SP is also the first academic institution to attain My Green Lab's highest-tier Green Certification in Singapore.

Use of reusable cooling solutions

Key initiatives included the introduction of energy monitoring systems, reusable cooling solutions that reduced reliance on ice-making equipment, waterless condensers and measures to minimise the use of disposable laboratory items.



SP Singapore Polytechnic

FY2025 Disclosures

Water

6 CLEAN WATER AND SANITATION

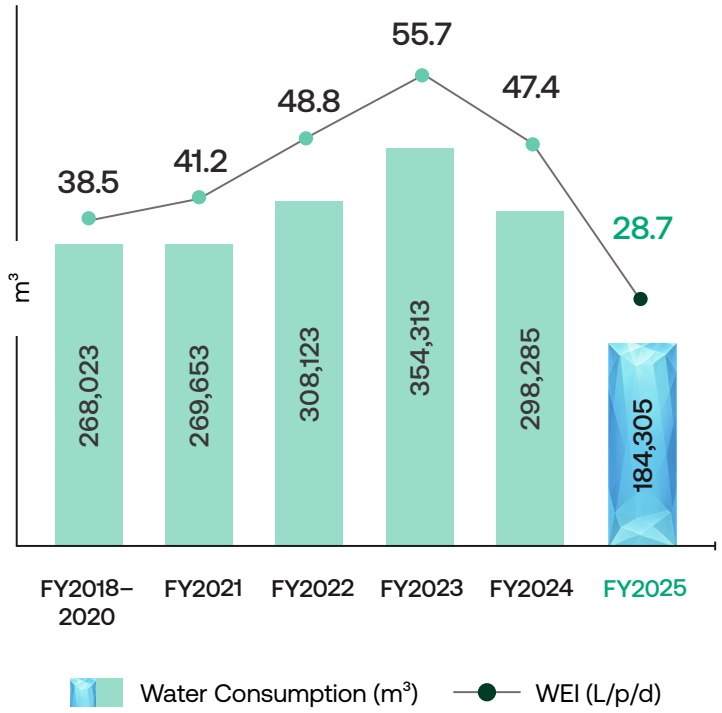
FY2025 Disclosure

Water Efficiency Index

25% DECREASE IN WEI FROM FY2018-2020

Water Consumption

184,305 m³



Our Commitment

We have exceeded our commitment to improve our Water Efficiency Index (WEI) by 10% from FY2018-FY2020 levels by FY2030.

GreenGov Target Achieved Early

Our Journey So Far

We have achieved our FY2030 WEI target ahead of schedule.

Water consumption in FY2025 was 28.7 litres per person per day, representing a 25% reduction from the baseline. This was driven largely by a campus-wide effort to identify and rectify water leaks, supported by ongoing improvements to water-efficient infrastructure and more responsible water use across campus.

We have enhanced campus-wide water monitoring and leak detection capabilities.

Since 2024, overnight water consumption monitoring has enabled us to detect abnormal water usage during non-operational hours and identify potential leaks more quickly. This has improved our ability to respond to water losses promptly and sustain improvements in water efficiency.

SP Singapore Polytechnic

FY2025 Disclosures

Water

6 CLEAN WATER AND SANITATION

Reducing Water Consumption Through Closed-Loop Cooling



Photo credit: Benedict Lim

MAE students using the closed-loop water system

The School of Mechanical & Aeronautical Engineering (MAE) replaced a traditional single-pass cooling approach with a closed-loop water circulation system in its laboratory experiments. Instead of discharging cooling water after a single use, the system captures, cools and recirculates water for reuse, significantly reducing water consumption while maintaining reliable experimental conditions.

The initiative reduced water consumption by up to 90%, saving about 350,000 litres of water each semester. Beyond reducing water use, the project gives students first-hand exposure to resource-efficient engineering solutions and demonstrates how relatively simple design changes can deliver significant environmental benefits.

Our Forward Plans

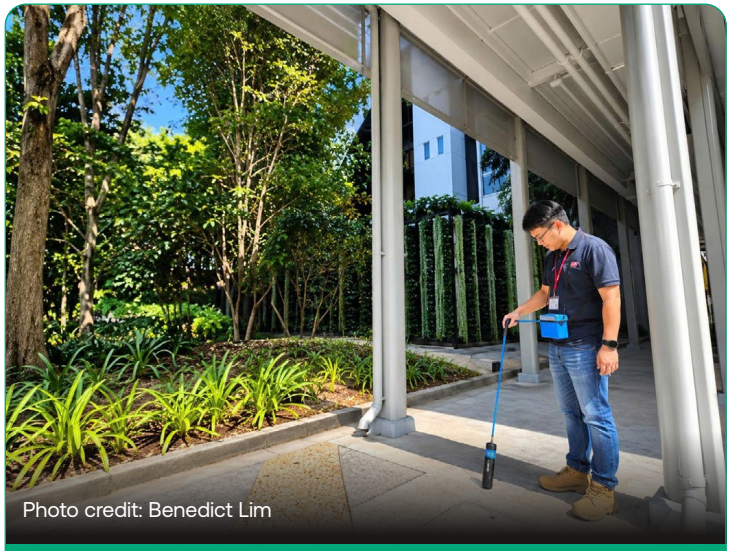


Photo credit: Benedict Lim

Inspecting Underground Water Pipes for Leaks

We will continue strengthening our ability to detect and address water losses across campus.

Building on the success of our overnight water consumption monitoring programme, we will progressively replace analogue water meters with smart meters to provide greater visibility of water consumption patterns and enable earlier detection of potential leaks. Together, these improvements will help sustain our water efficiency performance and support the responsible management of water resources.

SP Singapore Polytechnic

FY2025 Disclosures

Waste



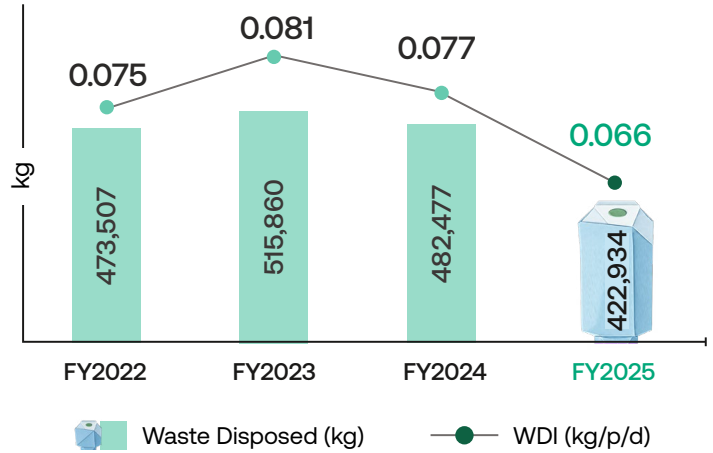
FY2025 Disclosure

Waste Disposal Index

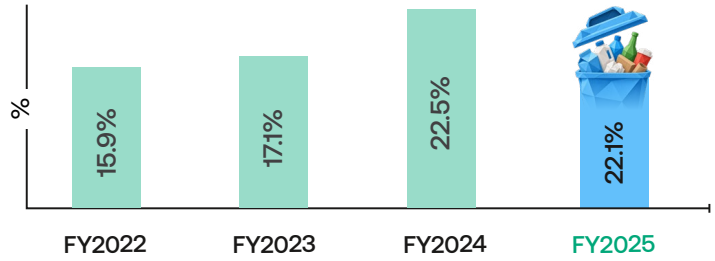
12% DECREASE IN WDI FROM FY2022

Waste Disposed

422,934 kg



22.1% of Waste Diverted or Recycled



Our Commitment

We will improve our WDI by 30% by FY2030, from the FY2022 baseline.

This translates to 0.053 kg/p/d by FY2030.

We will also increase our recycling rate to divert more waste from disposal and support more sustainable waste management.



SP Singapore Polytechnic

FY2025 Disclosures

Waste





Our Journey So Far

The 5% Waste Challenge has generated measurable reductions in waste disposal.

Compared to FY2024, waste disposed was reduced by 12.3% in FY2025, exceeding the original challenge target. This was driven by a combination of operational improvements and more mindful waste practices across the campus community.

While the amount of waste disposed decreased, the proportion of waste diverted or recycled fell slightly from 22.5% in FY2024 to 22.1% in FY2025. Strengthening waste segregation and recycling therefore remains a key area for improvement.

We have introduced measures to strengthen waste segregation and recycling across campus.

In January 2026, we introduced recycling bins in all offices, smart recycling hubs and targeted education initiatives to improve waste segregation. Chapter 3 of the "Sustainability Starts With Us" staff e-learning module also reinforced waste management and water conservation. Together, these initiatives are supporting better waste segregation and recycling across campus.

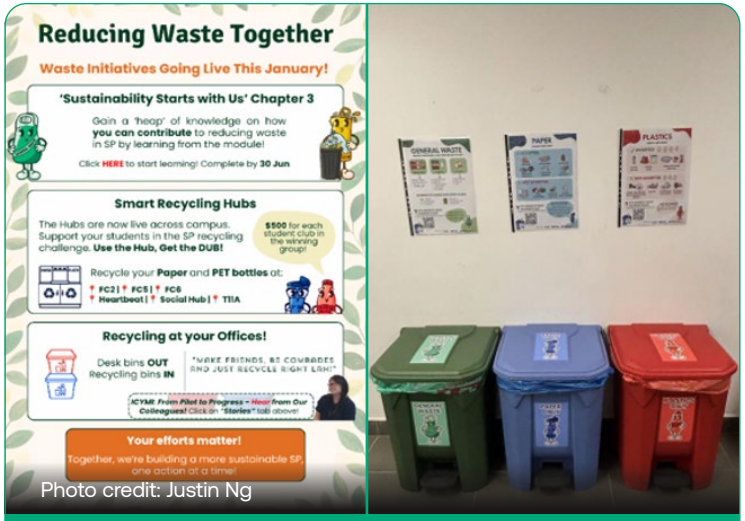


Photo credit: Justin Ng

Better waste segregation through recycling bins in all offices

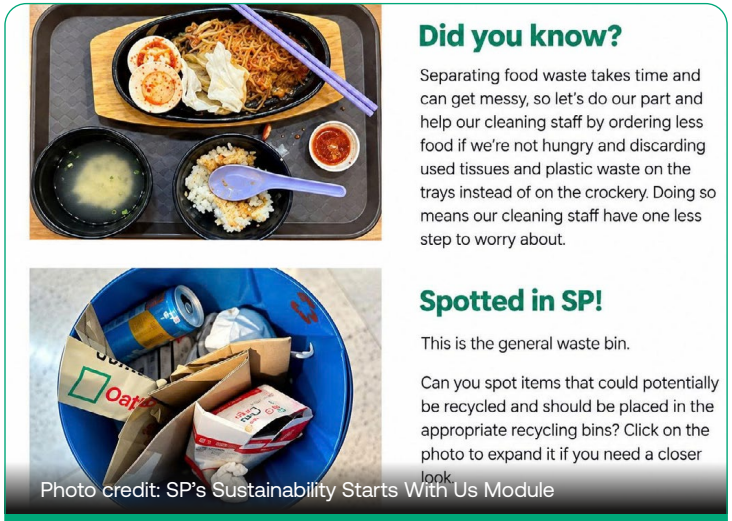


Photo credit: SP's Sustainability Starts With Us Module

Building staff awareness of waste reduction and recycling through e-learning

SP Singapore Polytechnic

FY2025 Disclosures

Waste

11 SUSTAINABLE CITIES AND COMMUNITIES

12 RESPONSIBLE CONSUMPTION AND PRODUCTION

Our Journey So Far

Closing the Loop on Contact Lens Waste



Photo credit: Lim Hui Shan

Staff and students from the Diploma in Optometry preparing used contact lens blister packs for recycling

The School of Chemical & Life Sciences identified an opportunity to address the often-overlooked issue of contact lens blister-pack waste, which is typically unsuitable for conventional recycling systems. By partnering with local plastics recycler Semula Asia, staff and students from the Diploma in Optometry collect, sort and prepare used blister packs for recycling.

Since April 2023, the initiative has collected more than 60kg of contact lens blister-packs through the SP Optometry Centre and a network of 60 optical shops across Singapore. By transforming these materials into new products, the project demonstrates how collaboration between staff, students and industry partners can give waste a second life while raising awareness of circular economy practices.

Our Forward Plans



Photo credit: Ghayathiri Sondarajan

Food waste segregation pilot at an SP food court

We will focus on reducing food waste, one of the largest waste streams generated on campus.

Waste audits conducted by Cora Environment have provided insights into campus waste generation patterns and identified priority areas for intervention, with food waste emerging as a key focus.

We are progressively introducing food waste sorting stations across campus food courts to build awareness and strengthen food segregation habits among staff and students. The rollout will also help familiarise the campus community with food waste segregation practices ahead of wider deployment across campus.

FY2025 Disclosures

Green Buildings

Sustainable Campus Development

The Green Mark certifications previously reported reached the end of their certification validity period in FY2025. Achieving certification under current standards will require substantial upgrading and renewal works across existing campus buildings, which are being progressively undertaken as part of SP's multi-year campus rejuvenation programme.

We continue to integrate sustainability considerations into campus development and building improvement projects as SP enhances its learning and work environments to support the needs of the campus community.

Given the phased implementation and long-term nature of these upgrades, certification outcomes are expected to materialise over multiple years and may not fully reflect the progress being made during this transition period.



SP's First Zero Energy Building



Photo credit: Wijaya Purnomo

SP's first Zero Energy Building – T3B

Scheduled to open in October 2026, T3B will become the new home of the School of Architecture and the Built Environment and marks an important milestone in SP's campus renewal journey. Designed as SP's first Zero Energy Building, it incorporates features such as solar panels, hybrid cooling and intelligent building controls to reduce energy consumption while maintaining a comfortable learning environment.

More than a new home for the School of Architecture and the Built Environment, T3B offers a practical example of how sustainability considerations can be integrated into campus development projects. The lessons gained from its design and operation will help inform future building renewal efforts as SP continues to rejuvenate its campus.

Zero Energy Building certification is targeted for early 2028 following a period of operational verification after the building opens.

FY2025 Disclosures

Campus Greening



FY2025 Disclosure

No. of Trees > 1 m in Girth

486

Green Spaces in the Campus Masterplan

We are committed to maintaining the natural beauty and biodiversity of our campus environment for the benefit of current and future generations.

As part of the Campus Masterplan, we are exploring opportunities to enhance green spaces across campus by incorporating integrated landscape corridors, vertical greening and multifunctional outdoor spaces. These interventions will be implemented progressively alongside future campus renewal works, helping to create a greener, more connected and more vibrant campus environment for staff, students and visitors.



Photo credit: Frederick Loh

Garden @ Moberly at SP

SP Singapore Polytechnic

FY2025 Disclosures

Academic Programmes



FY2025 Disclosure

% of PET Cohort Undergoing Common Core Curriculum

100%

Number of Sustainability-Related CET Courses

83

Number of PET Domain Modules with Sustainability Elements

137

Number of Sustainability-Related CET Training Hours

113,494

Number of Sustainability-Related PET Student Projects

227

Number of Students Attaining the Minor in Sustainability

21

Our Commitment

We will equip our students with the skills and values to seize opportunities in the green economy and contribute to a more sustainable future.

Our Journey So Far

We prepare students to apply sustainability concepts in real-world settings.

By integrating sustainability concepts into modules, industry projects and workplace learning opportunities, our students gain hands-on experience in addressing sustainability issues across diverse sectors. This helps them build practical skills, deepen industry understanding and prepare for emerging opportunities in the green economy.

We work closely with industry to develop sustainability capabilities across the workforce.

Through sustainability-related CET courses and customised training programmes, professionals gain relevant skills and knowledge to support their organisations' sustainability journeys. Our close partnerships with industry help ensure that these programmes remain responsive to evolving workforce and business needs.

FY2025 Disclosures

Academic Programmes



Leveraging SP's Minor in Sustainability for Real-World Solutions

"These insights will directly support TPSC Asia's ongoing decarbonisation strategy and future supplier engagement."

Mr Danny Tan, General Manager, TPSC Asia


Photo credit: Chia Fu Siong

Students with TPSC staff

As part of the capstone project for SP's Minor in Sustainability, eight students worked with TPSC Asia to assess the company's Scope 3 GHG emissions. By analysing procurement and logistics data, the students helped establish emissions baselines and identify key sources of emissions within the company's value chain.

The project provided students with first-hand experience in sustainability reporting and carbon accounting while helping TPSC Asia strengthen its understanding of its emissions profile and support its broader decarbonisation efforts. It demonstrates how applied learning can create value for both students and industry partners.

Turning Conservation into Design Action



Photo credit: Toh Sok Na

Jing Ying showcasing her nature-based design project

Then Jing Ying from SP's Diploma in Landscape Architecture developed a nature-based proposal to reimagine Jurong Town Hall, a national monument located within an area earmarked for future development and home to oriental pied hornbills. Guided by a FYP design brief jointly developed by the Urban Redevelopment Authority and SP, she explored how conservation and public access could be balanced through thoughtful design.

Central to the proposal is a boardwalk that allows visitors to observe the hornbills from a safe distance without disturbing their habitat. The project demonstrates how students can apply sustainability principles and biodiversity considerations to real-world planning and design challenges.

SP Singapore Polytechnic

FY2025 Disclosures

Academic Programmes



Transforming Maritime Training



Demonstration of the mixed reality firefighting training prototype at Singapore Maritime Week 2026

Methanol is emerging as a lower-emission maritime fuel, but its higher flammability and ease of ignition present heightened firefighting challenges. In 2025, SP's Centre of Excellence in Maritime Safety (CEMS) and students from the School of Electrical and Electronic Engineering co-developed an immersive methanol firefighting training system using mixed reality technology, integrated with a thermo-feedback suit that safely simulates heat of up to 70°C.

Showcased at Singapore Maritime Week 2026, the prototype demonstrated how immersive technologies can support the safe adoption of lower-emission maritime fuels by providing realistic and effective firefighting training. CEMS is currently working with industry partners to bring the solution into broader deployment.

Our Forward Plans

Preparing students for a rapidly evolving sustainability landscape will remain a key focus of our work.

For PET students, we will continue to provide opportunities to apply sustainability concepts in real-world settings through industry projects, workplace learning and other applied learning experiences.

For adult learners, we will continue to provide timely and relevant sustainability training programmes that help organisations respond to evolving sustainability requirements and support workforce transformation.



SP Singapore Polytechnic

FY2025 Disclosures

Industry Engagement



FY2025 Disclosure

No. of Sustainability-Related Industry Solutions Deployed	No. of Companies Benefitting from these Industry Solutions
29	16

Our Commitment

We are committed to helping businesses in their sustainability journey through practical, real-world solutions that support their long-term success.

Our Journey So Far

We help businesses address sustainability challenges through capability building, innovation and applied problem-solving.

Through collaborations with industry partners, we develop practical solutions that support business transformation while providing opportunities for staff and students to apply their expertise in real-world settings.

From Food Waste to Award-Winning Innovation

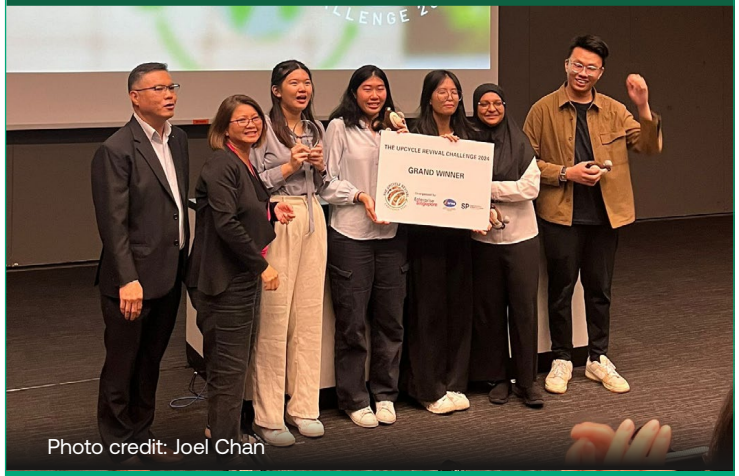


Photo credit: Joel Chan

Students receiving the Anuga Fine Food Innovation Award 2025

Under the Upcycle Revival Challenge 2024 organised by SP's Food Innovation & Resource Centre, students from the Diploma in Food Science & Technology and the Diploma in Media, Arts & Design partnered with Tan Seng Kee Foods to transform leftover dumpling wrapper dough trimmings generated during production into Krunch Up, a market-ready crunchy topping.

The interdisciplinary team developed the product and supported its market positioning, helping the company transform a food by-product into a commercially viable offering. Krunch Up was subsequently showcased at Food & Hotel Asia 2025 and Anuga 2025, where it received the Anuga Fine Food Innovation Award 2025 in Germany. The product has since progressed towards commercialisation, demonstrating how industry collaboration can reduce waste while creating new business opportunities.

SP Singapore Polytechnic

FY2025 Disclosures

Industry Engagement



Addressing Industry Sustainability Challenges Through Applied Innovation


Photo credit: Lam Kok Seng

Students gaining first-hand industry exposure through the SMH partnership

Sin Mui Heng Food Industries (SMH) began its sustainability journey through SP's Sustainability Learning Journey, co-organised with the Singapore Food Manufacturers' Association. This was followed by a consultancy and coaching project to strengthen the company's sustainability reporting capabilities, including improvements to data collection processes, reporting responsibilities and carbon emissions accounting. A key outcome of the project was the development of SMH's preliminary Sustainability Report, providing the company with a foundation for future sustainability reporting and disclosure.

Building on this partnership, SMH subsequently sponsored a Final Year Project involving four Diploma in Chemical Engineering students, who developed an Automated Temperature Monitoring System for the company's dim sum steaming operations. The project demonstrates how sustainability capability-building efforts can lead to deeper industry collaboration and create meaningful learning opportunities for students.

Our Forward Plans

We will further support businesses in translating sustainability ambitions into practical outcomes.

Through industry partnerships, we will connect businesses with SP's expertise in sustainability-related training, consultancy and applied innovation. These collaborations will help organisations address sustainability challenges while creating meaningful opportunities for students and staff to contribute to real-world solutions.



SP Singapore Polytechnic

FY2025 Disclosures

Staff & Student Mindsets

FY2025 Disclosure

% of PET Students Agreeing with the Importance of Sustainability

89%

% of PET Students Commuting to SP via Green Transport Modes

96%

% of Staff Agreeing with the Importance of Sustainability

94%

Based on the latest staff survey (conducted biennially; FY24 results)

% of Staff Commuting to SP via Green Transport Modes

70%

Based on the latest staff survey (conducted biennially; FY24 results)

% of Staff who completed the SP Sustainability e-learning Module Chapter 3

97%

As of 31 August 2026

Our Commitment

We will cultivate a sustainability mindset among all members of our campus community and equip them with the knowledge and skills to put ideas into action.



SP Singapore Polytechnic

FY2025 Disclosures

Staff & Student Mindsets

Our Journey So Far

We are strengthening sustainability ownership across our campus community.

In FY2025, we introduced sustainability reporting requirements for all student clubs. Clubs are now required to set sustainability goals and report on the outcomes of their initiatives, encouraging student leaders to consider the environmental and social impact of their activities and make more intentional decisions. This helps embed sustainability into student-led programmes and events, while strengthening accountability and ownership across the student community.

We continue to strengthen sustainability competencies across our workforce.

In January 2026, we launched Chapter 3 of the "Sustainability Starts With Us" e-learning module for staff, which focuses on waste management and water conservation. The module builds on earlier chapters and helps staff better understand how their day-to-day actions can support SP's broader sustainability goals.

Rethinking Refreshments, Reducing Waste

"Our shift to on-demand refreshments is helping us reduce food and packaging waste, while making better use of resources."

Teo Yee Ching, Executive



Photo credit: Jasmine Tan and June Wee

Supporting more mindful consumption through on-demand refreshments

Professional & Adult Continuing Education (PACE) Academy is reducing food wastage, packaging waste and over-ordering by adopting an on-demand refreshment model for CET courses. By replacing pre-packed refreshment boxes with vending machines, the initiative streamlines operations while accommodating fluctuating class sizes.

Rather than providing refreshments by default, learners are encouraged to take only what they need. This shift promotes more mindful consumption while demonstrating how small changes to everyday practices can reduce waste while enhancing operational efficiency.

FY2025 Disclosures

Staff & Student Mindsets



Students Driving Sustainability Through the SPSU Sustainability Hackathon



Participants and judges at the SPSU Sustainability Hackathon

The SPSU Sustainability Hackathon, organised by students from the SPSU Sustainability Club and held in February 2026, brought together students from diverse disciplines to develop solutions to real-world sustainability challenges. Working in multidisciplinary teams, participants explored topics such as waste reduction, circular economy practices and sustainable campus living.

A total of 13 submissions were received, with seven teams selected for the final pitching round. The event provided students with an opportunity to translate sustainability concepts into practical solutions while fostering collaboration, peer learning and ownership of sustainability efforts on campus.

Our Forward Plans

We continue to strengthen sustainability ownership across our campus community.

Drawing on learning opportunities, campus initiatives and student-led activities, we aim to equip staff and students with the knowledge, skills and platforms to put sustainability into practice. By encouraging staff and students to take ownership of sustainability outcomes in their everyday decisions and activities, we hope to build a culture of shared responsibility and continuous improvement.



SP Singapore Polytechnic

FY2025 Disclosures

Community Partnerships



FY2025 Disclosure

% of PET Cohort Undertaking Sustainable Innovation Projects (SIP)

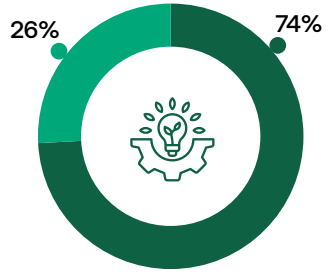
100%

No. of Staff Community Service Hours

812

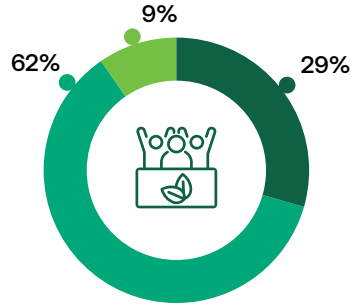
Number of Sustainable Innovation Projects

812



Number of Staff Involved in Sustainable Innovation Projects

117



Our Commitment

We have a responsibility to partner with like-minded individuals and organisations to make a difference in the wider community beyond our campus boundaries.



SP Singapore Polytechnic

FY2025 Disclosures

Community Partnerships



Our Journey So Far

We are creating more opportunities for staff and students to contribute beyond the campus.

Through partnerships with public, social and community sector organisations, we provide opportunities for staff and students to contribute their time, skills and knowledge to address community needs.

In 2025, 100% of PET students undertook SIPs, developing 812 projects with the support and participation of 117 staff members. These initiatives supported a wide range of causes, from community outreach and active ageing to sustainability education, while fostering social connectedness and inclusion.



SP Cares – Strengthening Community Partnerships Through Senior Engagement



Photo credit: Christina Sho

Students supporting active ageing through meaningful connections with seniors

Held in April 2026, SP Cares marked SP's first partnership with NTUC Health Co-operative Ltd. Approximately 4,500 freshmen participated in service-learning activities across 55 centres island-wide, including Active Ageing Centres, Senior Day Care Centres and Nursing Homes. In addition, 170 students volunteered as facilitators, leading activities tailored to the needs of seniors.

The initiative represents SP's first large-scale freshman deployment for meaningful senior engagement. Through interactions with seniors and community partners, students gained a deeper appreciation of community care while contributing to active and purposeful ageing. The programme demonstrates how community partnerships can create positive outcomes for both learners and the wider community.

SP Singapore Polytechnic

FY2025 Disclosures

Community Partnerships



Supporting Residents Through Community Action



Photo credit: Justin Ng

Supporting residents through a community care initiative in Clementi

SP's senior management team partnered with the South West Community Development Council and Clementi Community Centre to distribute care packs to residents in Clementi. The initiative illustrates SP's commitment to supporting local communities and strengthening connections with residents in the neighbourhoods surrounding our campus.

Our Forward Plans



Photo credit: Liyana Raja

Student undergoing optometry clinical training

Leveraging on SP's expertise and partnerships, we will continue addressing community needs.

In March 2026, the Singapore National Eye Centre and SP signed a training collaboration agreement to launch a new Certificate in Clinical Decision-Making in Community Optometry course. By aligning the clinical capabilities of community optometrists to public healthcare institutes, the initiative aims to support community-based eye care and improve access to care closer to home.

FY2025 Disclosures

Diversity & Inclusion



FY2025 Disclosure

% of Women Among SP Staff

Women 44%

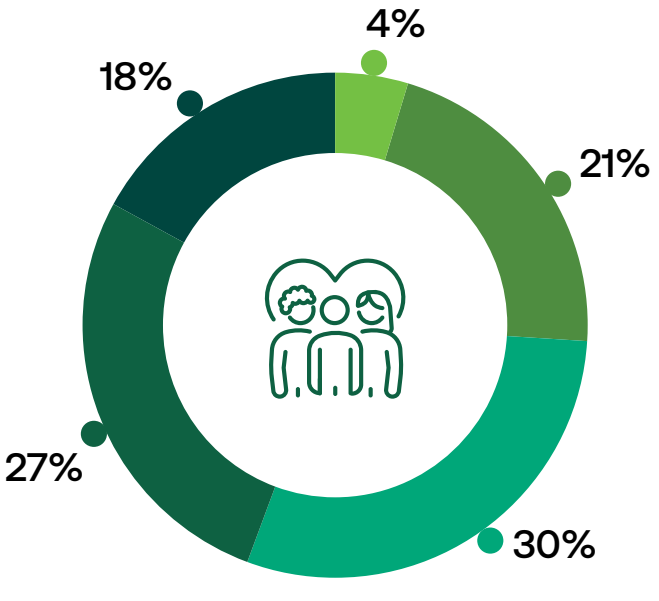
Men 56%

% of Women Among Senior Management Team

Women 36%

Men 64%

Age Profile of SP Staff



% of PET Enrolment with Special Educational Needs (SEN)

6%

Number of PET students receiving SP-administered bursaries

1,318

SP Singapore Polytechnic

FY2025 Disclosures

Diversity & Inclusion



Our Commitment

As an education institution, we have a duty of care to all our students, regardless of starting point or circumstances.

As an employer, we are committed to fair and inclusive employment practices. We believe that diverse perspectives and experiences strengthen our organisation and enable our people to thrive.

Our Journey So Far

We are strengthening support systems that enable staff and students to thrive.

Through initiatives that promote wellbeing, strengthen social connectedness and support diverse needs, we continue to foster a caring and inclusive campus environment where staff and students feel supported to achieve their potential.

We continue to enhance support for students with diverse learning and wellbeing needs.

Through targeted interventions, customised programmes and dedicated support services, we help students navigate their educational journey, build confidence and prepare for future opportunities.

Supporting Staff Wellbeing Through Wellness SPotlight



Photo credit: Karen Sun

Supporting staff wellbeing through Wellness SPotlight activities

In April 2026, the Department of Human Resource organised Wellness SPotlight, an initiative aimed at promoting holistic wellbeing among staff. The event featured a variety of activities including health screenings, exercise classes and wellness booths.

Staff also connected with organisations such as the Singapore Heart Foundation and Singapore Association for Mental Health, increasing awareness of available health and wellbeing resources. The initiative aligns with SP's commitment to supporting staff wellbeing and fostering a healthy workplace culture.

SP Singapore Polytechnic

FY2025 Disclosures

Diversity & Inclusion



Supporting Workplace Readiness for Students



Building workplace readiness through tailored career preparation workshops

In 2025, SP reinforced its commitment to inclusive education by organising a series of tailored internship and career preparation workshops for 40 students with Special Educational Needs (SEN). Through industry-relevant case studies, authentic workplace scenarios and hands-on activities, students developed practical skills and confidence to better prepare for internships and future employment.

The workshops were designed to build students' confidence and workplace readiness, supporting their transition from education to employment. The initiative reinforces SP's commitment to providing targeted support that enables students with diverse needs to thrive and realise their potential.

Our Forward Plans



One of four wellness spaces in SP Library supporting student wellbeing

We will continue strengthening support for student wellbeing and inclusion.

We will continue to utilise the four wellness spaces in the library, completed in March 2026, through regular engagement activities that support self-care, stress management, emotional regulation and peer connection. These efforts will complement digital resources and campus-wide outreach initiatives to strengthen awareness of available support avenues, encourage early help-seeking and build students' resilience.

We will continue to invest in targeted support for students with Special Educational Needs.

By strengthening transition support for freshmen and students preparing for internships and employment, we aim to enhance students' self-advocacy, independence, resilience and future readiness. We also plan to strengthen early identification and tiered support for students with SEN, alongside plans for a new SEN Centre that provides more inclusive and accessible spaces for learning, counselling and student support.

SP Singapore Polytechnic

Technical Annex

Photo credit: Frederick Loh

SP Singapore Polytechnic

Technical Annex

GHG Emissions

Organisational Boundary

Based on the operational control approach, with reference to the GHG Protocol's Corporate Accounting and Reporting Standard.

Covers SP's Dover Campus (500 Dover Rd, Singapore 139651) and Poly Marina (50 West Coast Ferry Road, Singapore 126980) but excludes entities outside SP's operational control, namely SP International, SP Graduates' Guild, SP Staff Apartments as well as on-campus vendors and tenants such as food court operators.

Emission Factors for Scope 1

The emission factors for the following emission sources are based on the UK Department for Environment, Food & Rural Affairs' Conversion Factors for 2025.

Emission Source	Emission Factor ($kgCO_2e$/Unit)	Unit
Diesel	2.66	L
Kerosene	2.54	L
Petrol	2.34	L
Propane	1.54	L
Refrigerant (R134a)	1,300	kg
Refrigerant (R410A)	1,924	kg
Refrigerant (R22)	1,760	kg
Refrigerant (R32)	677	kg

Technical Annex

GHG Emissions

Emission Factors for Scope 1 (continued)

The emission factor for Town Gas is based on the Singapore National Environment Agency's Greenhouse Gas Emissions Measurement and Reporting Guidelines, correct as at January 2025.

Emission Source	Emission Factor ($kgCO_2e$/Unit)	Unit
Town Gas	55.73	GJ

Emission Factor for Scope 2

Based on the Singapore Energy Market Authority's (EMA) Grid Emission Factor (GEF), available **here**. Data is correct as at July 2026.

GEF for FY2025 is 0.402 $kgCO_2e$/kWh.

Technical Annex

Energy

Energy Utilisation Index

Aligned with GreenGov definition, i.e.

$$\frac{\text{Total amount of electricity consumed in Year}_n \text{ (kWh)}}{\text{Total Gross Floor Area in Year}_n \text{ (m}^2\text{)}}$$

SP's Gross Floor Area (GFA) for FY2025 is 292,653 m^2.

This figure is aligned with our organisational boundary, i.e. it covers SP's Dover Campus and Poly Marina, but excludes entities outside SP's operational control, namely SP International, SP Graduates' Guild, SP Staff Apartments and on-campus vendors and tenants such as food court operators.

Technical Annex

Water

Water Efficiency Index

Aligned with GreenGov definition, i.e.

$$\frac{\text{Total amount of water consumed in Year}_n \textbf{ (L)}}{\text{Operational days in Year}_n \textbf{ (day)} \times \text{Daily campus footfall in Year}_n \textbf{ (person)}}$$

Our estimate of daily campus footfall comprises staff, students enrolled in full-qualification programmes and ad-hoc visitors.

Recognising that some on-campus activities take place on weekends and term vacations, we have not excluded weekends and vacations from the number of operational days.

Technical Annex

Waste

Waste Disposal Index

Aligned with GreenGov definition, i.e.

$$\frac{\text{Total amount of waste disposed of in Year}_n \textbf{ (kg)}}{\text{Operational days in Year}_n \textbf{ (day)} \times \text{Daily campus footfall in Year}_n \textbf{ (person)}}$$

Our estimate of daily campus footfall comprises staff, students enrolled in full-qualification programmes and ad-hoc visitors.

Recognising that some on-campus activities take place on weekends and term vacations, we have not excluded weekends and vacations from the number of operational days.

Proportion of Waste Generated that is Diverted or Recycled

Refers to the proportion of waste generated that is recycled or diverted from incineration, i.e.

$$\frac{\text{Total amount of waste diverted in Year}_n \textbf{ (kg)}}{\text{Total amount of waste generated in Year}_n \textbf{ (kg)}}$$

The categories of waste that SP currently recycles and/or diverts are:

- Food
- Plastics
- Horticultural Waste
- E-Waste
- Metal
- Paper
- Fluorescent Tubes

Technical Annex

Campus Greening

Number of Trees on Campus that are > 1 m in Girth

Refers to trees on campus that are > 1 m in girth, measured in accordance with the Singapore National Parks Board's (NParks) methodology. Includes both SP's Dover Campus and Poly Marina.

SP is part of NParks' Central Tree Conservation Area (TCA). This is an area of about 4,700 hectares that has been gazetted to control indiscriminate felling of mature trees, and selected for its large extent of greenery and natural heritage.

Within the TCA, healthy trees that are > 1 m in girth are protected under the Parks and Trees Act. Developers and private property owners who wish to fell any mature trees in this category have to seek written approval from NParks.

Technical Annex

Academic Programmes

Number of PET Modules with Sustainability Elements

Refers to PET domain or elective modules that include curriculum content, learning activities and assessments related to one or more of the United Nations' Sustainable Development Goals. These modules were offered to students within Academic Year 2025, i.e. between 14 April 2025 and 19 April 2026.

Domain modules are typically specific to individual diploma programmes, but they also include "common foundation" modules cutting across courses in the same school that help students appreciate connections between adjacent disciplines.

Elective modules include "school-specific electives" that are offered to students from specific diploma programmes only, as well as "polytechnic-wide electives" that can be selected by any student regardless of their diploma programme.

Curriculum content, teaching practices and assessment practices are subject to SP's academic quality assurance framework.

Number of Sustainability-Related PET Student Projects

Refers to sustainability-related projects, commissioned by industry partners, that are undertaken by PET students as part of their diploma curriculum. These projects have ESG (Environmental, Social and Governance) elements, including but not limited to (a) environmental assessment, certification and reporting, and (b) the deployment of sustainable technologies, processes and practices.

These projects took place during FY2025, i.e. between 1 April 2025 and 31 March 2026. A project is included in this count, so long as any part of the project took place within this period.

Technical Annex

Academic Programmes

Number of Sustainability-Related CET Courses

Refers to CET courses which are mapped to SkillsFuture Singapore's (SSG) Green Economic Growth Pillar, excluding those related to the workplace, safety & health domain (WSH).

These courses ran during FY2025, i.e. between 1 April 2025 and 31 March 2026. A course is included in this count, so long as any part of the training took place within this period.

Number of Sustainability-Related CET Training Hours

Refers to the total number of training hours undertaken by all trainees enrolled in sustainability-related CET courses, as at 31 March 2026.

Number of Students Attaining the Minor in Sustainability

Refers to the total number of students who graduated with a Minor in Sustainability during FY2025, i.e. between 1 April 2025 and 31 March 2026.

Students must complete four elective modules to attain the Minor.

Technical Annex

Industry Engagement

Number of Sustainability-Related Industry Solutions Deployed

Refers to the number of solutions which were developed by SP and deployed by companies in FY2025, i.e. between 1 April 2025 and 31 March 2026. These solutions have ESG (Environmental, Social and Governance) elements, including but not limited to (a) environmental assessment, certification and reporting, and (b) deployment of sustainable technologies, processes and practices.

These solutions were developed during FY2025, i.e. between 1 April 2025 and 31 March 2026. A solution is included in this count, so long as any part of the solution was developed within this period.

Number of Companies Benefitting from these Industry Solutions

Refers to the number of unique companies for which SP developed solutions in FY2025, i.e. between 1 April 2025 and 31 March 2026.

Technical Annex

Staff and Student Mindsets

Proportion of Student/Staff Respondents Agreeing with the Importance of Sustainability

Refers to the proportion of respondents who indicated “strongly agree” or “agree” to the statement, “It is important to take action to address climate change”, measured using a five-point Likert scale.

For students, the question was administered as part of the annual Student Experience Survey from October to November 2025.

For staff, the question was administered as part of the biennial Service Satisfaction Survey from November to December 2024.

Proportion of Student/Staff Respondents Commuting to SP via Green Transport Modes

Refers to the proportion of respondents who selected “public transport”, “on foot”, “drive electric vehicle” or “bicycle” in response to the question, “What mode of transportation do you usually use when commuting to SP?”

For students, the question was administered as part of the annual Student Experience Survey from October to November 2025.

For staff, the question was administered as part of the biennial Service Satisfaction Survey from November to December 2024.

Sustainability E-learning Module for Staff

The Sustainability E-learning Module for staff was launched in June 2024 with two chapters providing a broad introduction to climate change and the impetus for sustainability. The module covers international and local sustainability efforts, including the United Nations’ Sustainable Development Goals, the Singapore Green Plan 2030 and SP’s 60-30 Vision. It also forms part of the onboarding package for new staff.

In January 2026, a third chapter focusing on waste management and water conservation was added.

All in-service staff are required to complete the module and attain a score of at least 80% in each of the three summary quizzes.

Proportion of Staff Who Completed the Sustainability E-learning Module

Refers to the proportion of in-service staff who completed all three chapters of the module and attained a score of at least 80% in each of the three summary quizzes as at 31 August 2026, excluding staff who joined on or after 1 April 2026.

Technical Annex

Community Partnerships

Number of Sustainable Innovation Projects

Refers to the number of Sustainable Innovation Projects undertaken in Academic Year 2025, from 14 April 2025 to 19 April 2026.

All PET students undertake a Sustainable Innovation Project as part of the Common Core Curriculum. They work in groups to apply what they have learned about the United Nations' Sustainable Development Goals to address challenges in the community, both in Singapore and overseas.

Number of Staff involved in the Sustainable Innovation Projects

Refers to staff directly supporting these projects as facilitators. The figure includes both in-service staff and adjuncts.

Technical Annex

Community Service Hours

Number of Staff Community Service Hours

Refers to the total number of hours contributed by staff through community service and volunteering activities.

Total community service hours are calculated as:

Duration of activity (hours) × number of participating staff (person)

Monetary donations are not included in the calculation unless staff also contribute time through an associated community service or volunteering activity.

Technical Annex

Diversity and Inclusion

Proportion of Women in the SP Workforce

The SP workforce comprises all in-service staff as at 31 March 2026. It excludes short-term contract staff, adjunct lecturers, contractors and vendors.

Proportion of Women in the SP Senior Management Team

The Senior Management Team comprises staff holding an appointment of Director and above, as at 31 March 2026.

Age Profile of the SP Workforce

The SP workforce comprises all in-service staff as at 31 March 2026. It excludes short-term contract staff, adjunct lecturers, contractors and vendors. The age of each staff member is correct as at this date.

Proportion of PET Enrolment with Special Educational Needs

PET enrolment comprises all students enrolled in PET diploma programmes and the Polytechnic Foundation Programme, as at 05 May 2025.

Special Educational Needs (SEN) include physical disabilities such as hearing loss and visual impairment; social and behavioural conditions such as Attention-Deficit/Hyperactivity Disorder; and learning differences such as dyslexia.

The definition of this indicator was revised for the FY2025 report to align with adjusted reporting guidelines from the Ministry of Education.

Number of PET Students Receiving SP-administered Bursaries

Refers to students receiving SP-administered bursaries. These comprise donor-sponsored bursaries (endowed and non-endowed) and SP Care Bursaries.

These bursaries provide an additional layer of financial assistance for students from disadvantaged backgrounds, on top of the Higher Education Bursary and Higher Education Community Bursary administered by the Ministry of Education.

The terminology and definition of this indicator were revised for the FY2025 report to present a more complete picture of SP's financial support for students.



Singapore Polytechnic

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