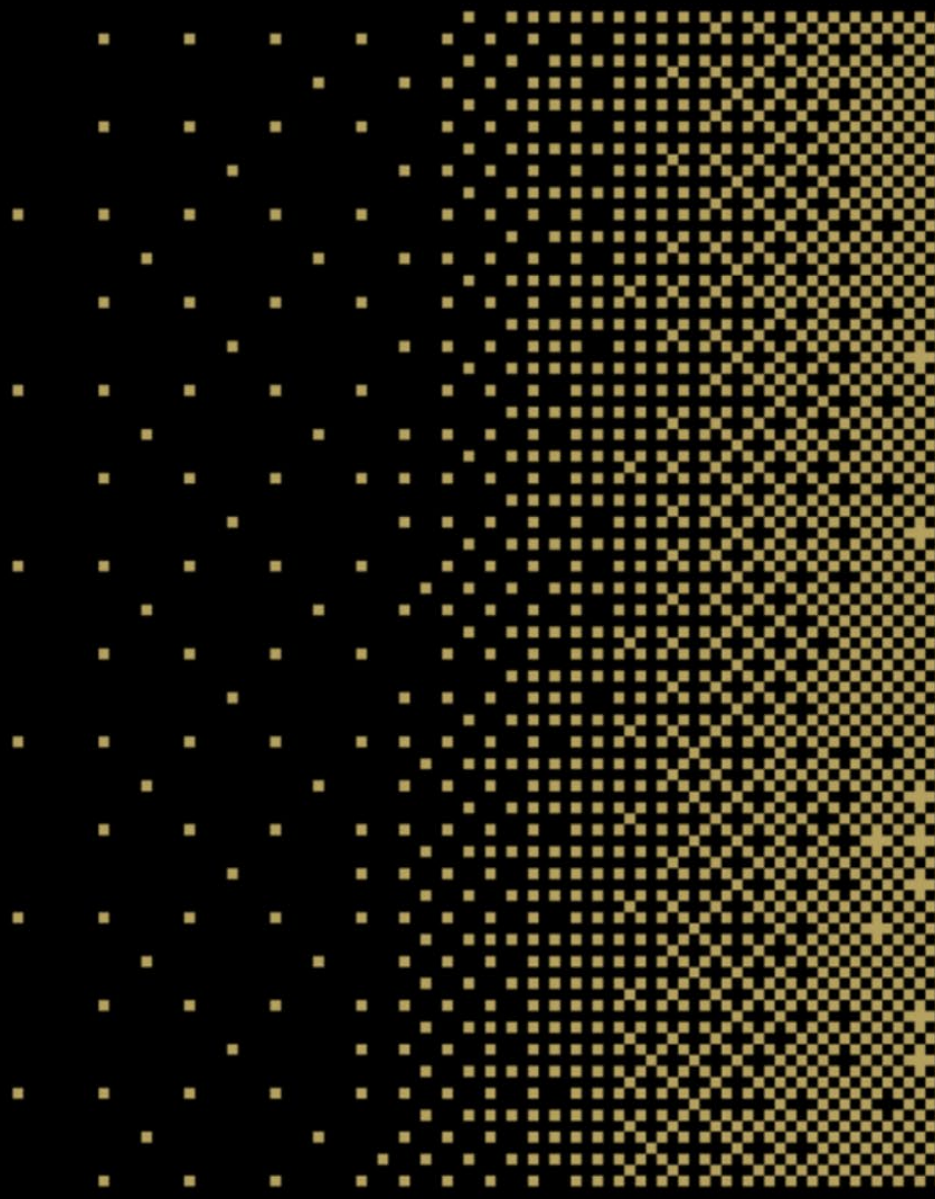
TUS

Ollscoil Teicneolaíochta na Sionainne:
Lár Tíre, An tIarthar Láir

Technological University of the Shannon:
Midlands Midwest



Climate Action Roadmap 2025

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PRESIDENT'S FOREWORD

The defining challenge of the 21st century will be to balance social progress within the planet's environmental boundaries. In an Irish context Project Ireland 2040 states that ***" The challenge of creating a more sustainable future for Ireland is a collective responsibility for all of us[1]".*** At TUS we are committed to providing leadership in response to this challenge through the identification and implementation of progressive meaningful and innovate technological responses and critical behavioural changes. It is our responsibility as a Higher Education Institution (HEI) to contribute to the transition toward a sustainable society through a range of leadership actions on our campuses and by embedding it in our curriculum. In doing so TUS aims to become a thought and behavioural leader in this transition.

This commitment is underpinned by the TUS vision to 2030 which is ***" To be a catalyst for sustainable change through education and research that transforms lives, our region and the world beyond[2]".*** TUS is a value centred organisation and the values that underpin our operations and vision are set out below.

TUS Value Statement

"We operate in an agile manner where integrity and excellence underpin all we do. We are honest, fair and ethical in our focus on doing the right thing through our words and actions"

Inclusive	We embrace diversity as a key strength where everyone is included and has an equal opportunity to progress and achieve.
Supportive	We care about our people and their well-being, and we maintain a student-centred ethos in all we do.

Ambitious	We set high standards and are courageous in our actions to deliver impact and achieve our potential.
Innovative	We are forward-looking and encourage creativity and exploration that fosters unique ideas and inspires transformative change.
Sustainable	We are thought leaders and adopt a whole of institution approach to the challenges of sustainable development
Collaborative	We are open, connected and engaged in bringing people together to develop, co-create and share knowledge for the benefit of our region and beyond.

TUS has an ambitious sustainability objective: "***support and enable our partners to deliver sustainable futures and foster systemic change[2]"*** and in order to demonstrate progress and deliverability TUS will utilise the EAUC Alliance for Sustainability Leadership in Education Sustainability Leadership Scorecard (SLS) to frame objectives and track progress.

This Climate action road map for TUS is the third document that sets out the University's' commitment to long term objectives to 2030 as well as more detailed approach to a TUS phase 1 set of actions and activities between 2023 and 2026. This document provides an update on the progress of the phase 1 actions and the climate action mandate.

The Governing body of TUS have approved the campus development masterplan 2025-2040. Sustainable design principles are embedded in all aspects of campus development. This includes energy-efficient buildings, low-carbon technologies, resource-efficient infrastructure, climate-resilient landscapes, and the protection and enhancement of biodiversity – all aimed at reducing environmental impact and supporting the University's sustainability ambitions.

Professor Vincent Cunnane

President

Footnotes:
[1] National Planning Framework First Revision (April 2025)
[2]TUS Strategic Plan 2023-2026

1.0 INTRODUCTION AND CONTEXT

1.1 Sustainability Vision & Strategic Context

Technological University of the Shannon (TUS) has articulated a clear strategic vision: *"Support and enable our partners to deliver sustainable futures and foster systemic change[3]."*

To ensure measurable progress and accountability, TUS employs the Sustainability Leadership Scorecard (SLS) as a framework for setting objectives and tracking performance. This approach reflects our commitment to embedding sustainability across all aspects of institutional operations, education, and research.

The TUS Climate Action Roadmap sets out an ambitious vision for TUS to become a recognised leader in sustainability, driving transformative change that enables sustainable development in every context. Its implementation is guided by the principles and aspirations of the United Nations Sustainable Development Goals (SDGs), aligning with TUS's core values and leadership-focused approach.

Figure 1: Sustainable Development Goals (SDGs)

Universities occupy a critical position in the global sustainability transition. Our operations span multiple sectors, with significant energy and resource demands, while our educational and

research activities foster economic development, social well-being, and innovation among future generations. The SDGs (2015) "***provide a shared blueprint for peace and prosperity for people and the planet, now and into the future[4]"*** emphasizing the interconnectedness of eradicating poverty, improving health and education, reducing inequality, and promoting economic growth all while addressing climate change and protecting natural ecosystems.

The initial 2023 Climate Action Roadmap outlined high-level institutional actions through 2030, alongside a Phase 1 action plan for 2023–2026. This document provides an update on the progress of the phase 1 actions and the climate action mandate.

1.2 Scope of Climate Action Roadmap

The TUS Climate Action Roadmap is aligned with national and sectoral policies and prioritises the reduction of greenhouse gas (GHG) emissions through a structured, phased, and comprehensive approach. This process involves the detailed quantification and analysis of Scope 1, Scope 2, and Scope 3 emissions in accordance with the GHG Protocol.

Scope 1 emissions refer to direct emissions from sources owned or controlled by TUS, including mobile and stationary combustion and refrigerant-related fugitive emissions. On TUS campuses, these primarily arise from heating systems powered by natural gas, liquified petroleum gas (LPG) and gas oil. TUS is currently assessing the feasibility of a phased decarbonisation programme to eliminate fossil fuel use across all campuses.

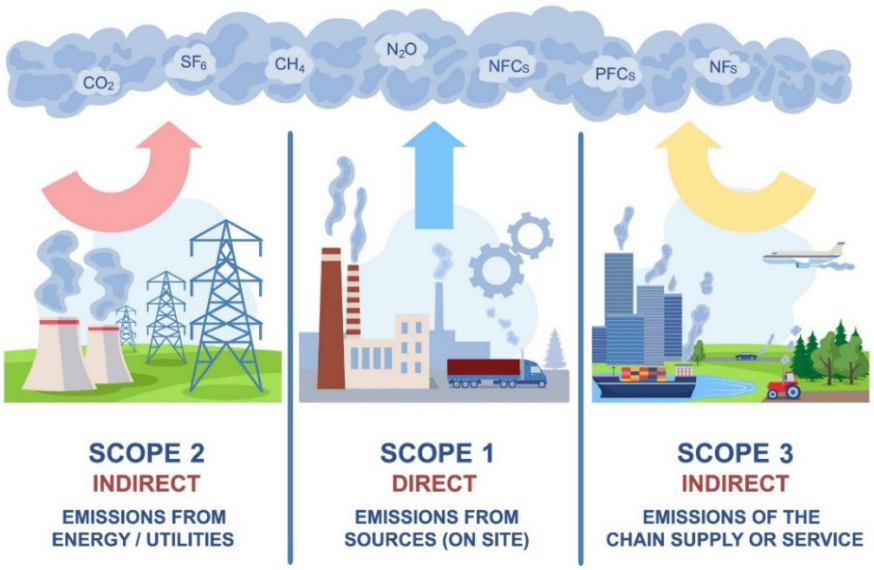


Figure 2: Scope of Emissions

Scope 2 emissions are indirect emissions associated with purchased electricity. The TUS estate comprises approximately 140,440 m² of buildings and extensive outdoor lighting, with most electricity sourced from the grid. On-site renewable generation includes photovoltaic (PV) installations across multiple campuses:

- Moylish campus: 370 PV panels (166 kWp) – Completed in 2022
- Athlone campus: 3.9 kWp PV system -APT building retrofit completed in 2023
- Coonagh campus: 31.9 kWp rooftop PV system – Completed in 2024
- Athlone campus: 42.78 kWp – Mary Ward building Completed in 2025

Collectively, these systems avoid approximately 53.7 tonnes of CO_2 in Scope 2 emissions annually.

Scope 3 emissions encompass indirect emissions across the value chain, including procurement-related emissions and commuting by staff and students.

Governance structures established under the Climate Action Mandate 2025 ensure that all three scopes are addressed through an integrated, institution-wide approach.

1.3 Progress to date

The Climate Action Roadmap outlines the University's actions to meet the requirements of the Climate Action Mandate and achieve our 2030 carbon reduction and energy efficiency targets. It sets out specific actions and ambitious goals designed not only to comply with the mandate but to exceed its requirements.

The 2024 Annual Report, published at the end of Q4 2025, provides a comprehensive overview of progress, including TUS's greenhouse gas (GHG) emissions, implementation of the Climate Action Mandate, sustainability initiatives, and compliance with Circular 1/2020.

Significant progress has been made on the actions outlined in both the Climate Action Mandate and TUS's institutional climate action plans. The following table presents a snapshot of achievements to date, along with the level of ongoing work.

Table 1: Overview of Progress on Phase 1 Actions

Items	Number	Completed	In progress (Partially Complete)	Not started
Climate Action Mandate 2025	22	11	11	0
Institutional Level Climate Action Plans; Phase 1 (2023-2026)	7	2	7	0

Footnotes:
[3]TUS Strategic Plan 2023-2026
[4]United Nations Sustainable Development Goals 2015

2.0 OUR TARGETS (51% GHG & 50% ENERGY EFFICIENCY)

2.1 CO2 Emission Targets (2030)

The year 2024 marks the first instance of SEAI monitoring and reporting for the Technological University of the Shannon (TUS), following the merger of the Midlands and Midwest campuses Public Sector Organisations (PSOs). Under the climate action mandate introduced in the Climate Action Plan 2021, public bodies are required to achieve a 51% reduction in energy-related greenhouse gas (GHG) emissions by 2030.

The established baseline for TUS campuses, based on 2016–2018 data, is 5,283,930 $kgCO_2$. In 2024, actual emissions were recorded at 4,108,310 $kgCO_2$, representing a 22.2% reduction compared to the baseline. However, these figures indicate that current progress does not align with the trajectory necessary to meet the 2030 target.

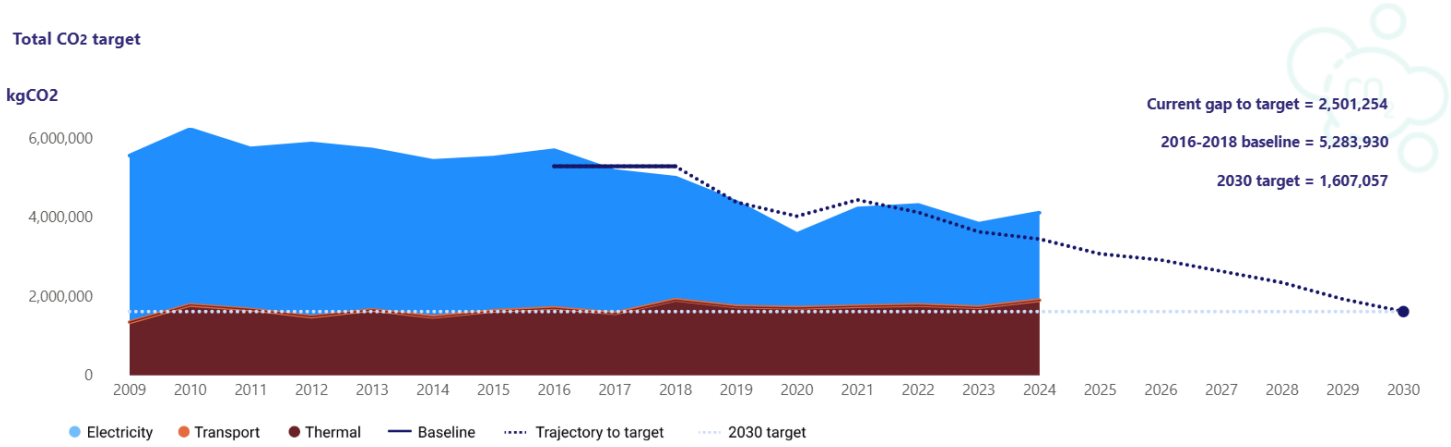


Figure 3: TUS Total CO_2 emissions glidepath in 2024

To achieve the 2030 objectives, TUS must reduce emissions by an additional 60.9%, equivalent to 2,501,253 $kgCO_2$ from 2024 levels within the next five years. Significant progress has already been made through projects delivered since the baseline year, including the newly built Mary Ward Centre of Science, retrofitted and repurposed Coonagh Campus, the new sports facility in Clonmel, and the extension of the Midlands Innovation & Research Centre, deep retrofits to the Applied Polymer Technologies building and the ongoing development of the

new Applied Science & Information Technology (ASIT) building have incorporated heat pump technologies, underscoring TUS's commitment to decarbonisation.

Planned initiatives for 2025 include the decarbonisation of the Auburn 1 building and the exploration of a district heating solution for the Athlone Campus.

TUS's main campuses primarily rely on imported electricity and natural gas, while satellite campuses use gas oil as their primary energy source, with Liquefied Petroleum Gas (LPG) serving as a backup for heating. From previous years, TUS has made substantial investments in renewable energy technologies, including solar photovoltaic (PV) systems and biomass boilers.

TUS categorises its Significant Energy Users (SEUs) as buildings, identifying nine facilities that collectively account for 86% of the university's total energy consumption. These SEUs have been prioritised for targeted interventions to support the achievement of the 2030 emissions reduction goals. An S.I. 426 of 2014 Energy Audit has been completed in 2025, outlining a series of short, medium, and long-term projects. When modelled using the SEAI's Gap-to

Target tool, these measures provide a clear pathway toward meeting the 2030 targets and establish preliminary steps for progressing toward the 2050 decarbonisation objectives.

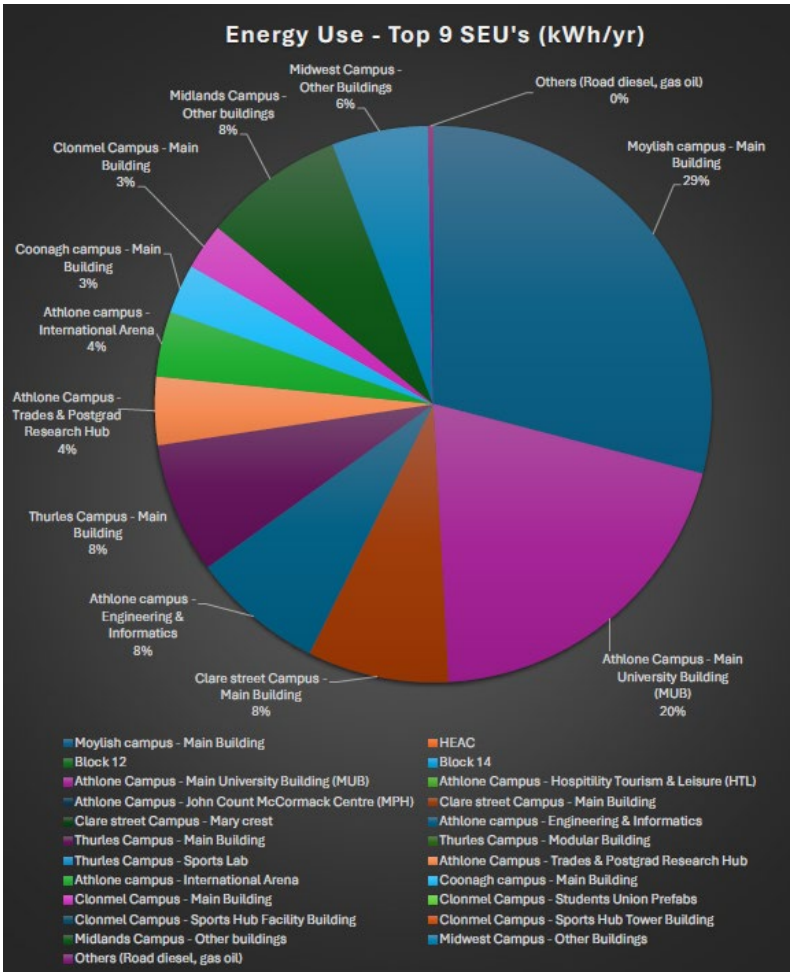


Figure 4:Significant Energy Users (SEUs)

Figures 5 and 6 illustrate the current gap to target without planned measures and the projected trajectory with recommended measures implemented and mentioned in table 2. Decarbonisation of SEUs, particularly at Athlone and Moylish campuses, is central to achieving

these goals. TUS maintains a register of opportunities which inform the annual objectives and targets.

The potential project pathway to meet 2030 targets is contingent upon capital funding, electrical infrastructure upgrades, and necessary project approvals. Current estimates suggest €13–€16 million infrastructure investment will be required to meet the 2030 targets. While TUS will continue to provide elements of funding for projects on an annual basis, identified in the register of opportunities, significant other state infrastructure funding will be required to deliver the sustained change to deliver the current 2030 targets.

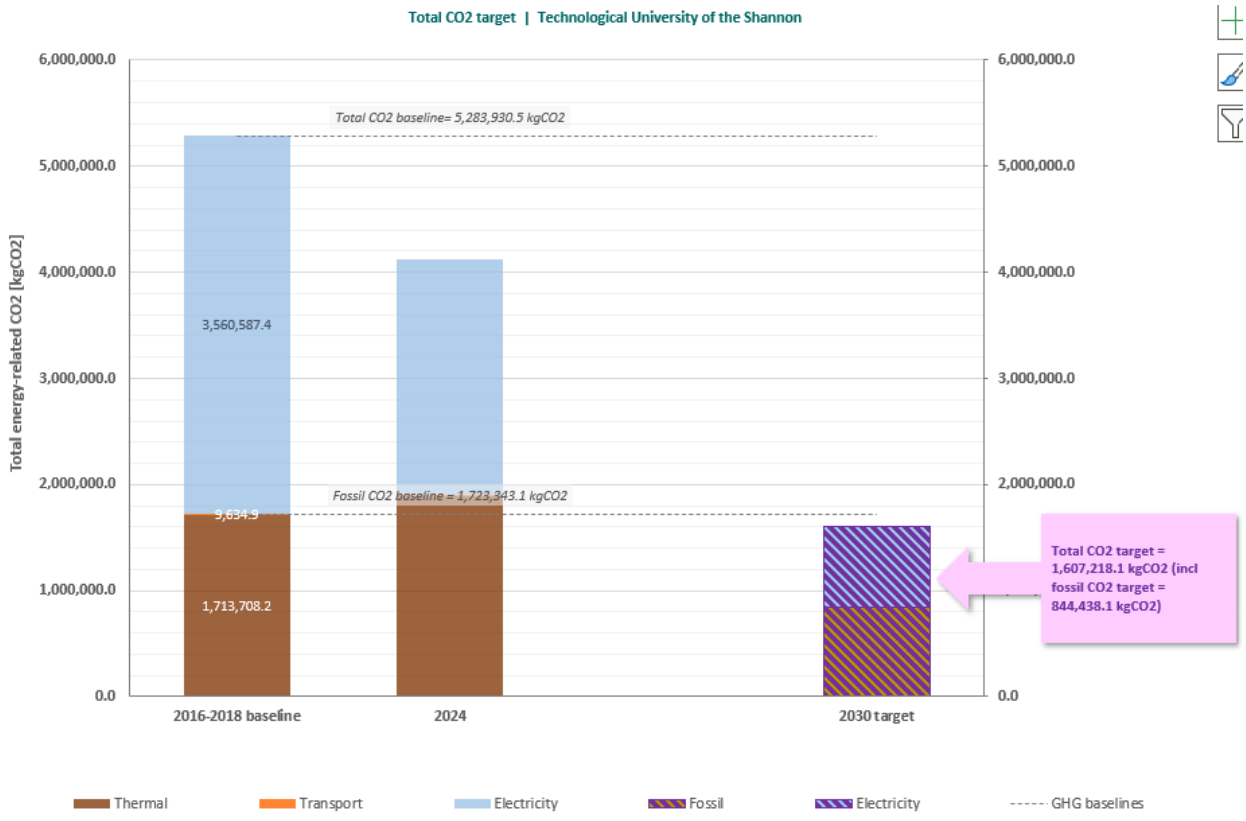


Figure 5: Total CO_2 emission without any planned projects to 2030

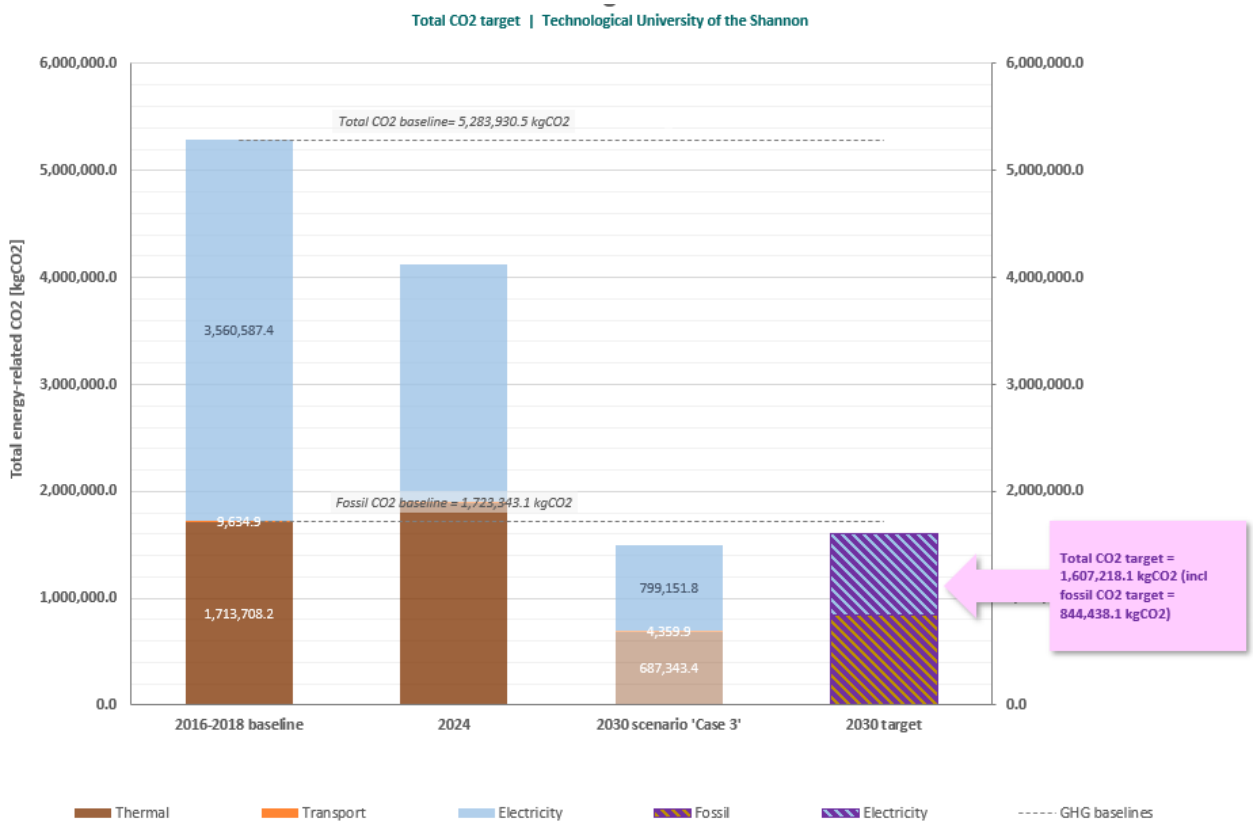


Figure 6: Total CO_2 emission with planned projects to 2030

Plans for emissions reductions between 2030 and 2050 are at an early stage, focusing on full decarbonisation of the TUS estates through the elimination of fuel-burning appliances for heating and hot water. Options under consideration include district heating networks, advanced heat pump systems, and emerging technologies such as green hydrogen and biomethane.

2.2 Energy Efficiency Target (2030)

Under the Climate Action Plan 2021, public bodies are mandated to achieve a 50% improvement in energy efficiency by 2030. TUS has adopted 2009 as its baseline year for energy performance. Since then, TUS has achieved an improvement of 17.2%, leaving a further 32.8% improvement required within the next five years to meet the 2030 target.

Figure 7 illustrates the comparison between actual performance and target trajectory for TUS. Current data indicates that TUS trajectory is not in line with our 2030 target. However, several

factors influence this performance, including: the significant expansion of the TUS estate, with total useful floor area (TUFA) increasing from 94,186 m² in 2009 to 140,440 m² in 2025 and the electrification of the heating network, transitioning away from fossil fuels.

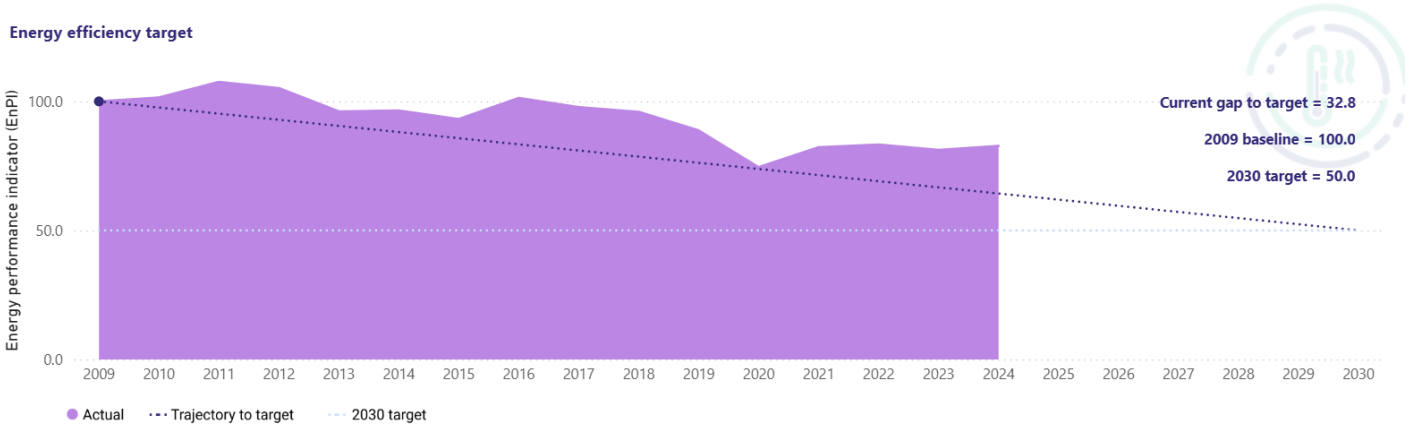


Figure 7: TUS Energy Efficiency targets glidepath in 2024

This substantial estate growth has impacted the efficiency performance relative to the 2030 target. Furthermore, construction of a new 5,196 m² Applied Science & IT building (ASIT) at the Moylish Campus, scheduled for completion in 2027, will further increase the estates portfolio.

While national initiatives are addressing the decarbonisation of grid electricity, projections indicate that without additional energy efficiency measures, TUS will face a 21.1% gap to target by 2030. To mitigate this, the Register of Opportunities and S.I 426 of 2014 Energy Audits have identified recommended energy-saving measures and referred in table 2 aimed at closing this gap and ensuring compliance with efficiency targets.

Table 2: Potential Project Pathway to meet 2030 targets

Potential Project Pathway to meet 2030 targets (subject to capital funding and approvals)	kWh	kgCO2
Electrical Energy Efficiency Projects		
LED Lighting & Controls Upgrade (Athlone, Limerick, Clonmel,	413,305	105,344
Thurles)	46,243	11,785
Pump Upgrade & VCD install (Athlone, Limerick)	87,016	22,176
ICT Optimisation (Athlone, Limerick, Clonmel)	106,656	24,855
HVAC Upgrades / Adjustments (Athlone, Limerick)	52,000	13,247
Electric Heater Replacement (Athlone)	30,093	7,672
AHU Controls Upgrades / Schedule Adjustments (Limerick,	19,290	4,919
Clonmel)	144	37
Compressor Upgrade / Adjustment (Limerick, Clonmel)	4,726	1,783
Weather Compensator (Clonmel)	67,450	17,200
Resolve Issue with Heat Pump (Clonmel)	1,400	357
Install Free-cooler for IT (Limerick)	6,181	1,575
Install revolving door (Limerick)		
Council Park Lighting Agreement (Clonmel)		
Thermal Efficiency Projects		
Gas kitchen Equipment Replacement (Athlone, Limerick)	84,343	47,089
Plantroom Insulation (Limerick, Clonmel)	30,940	4,809
General Insulation Upgrades (Limerick, Clonmel)	188,154	38,371
Temperature Controls on boiler (Clonmel)	2,329	475
Repair Radiator Valves (Clonmel)	5,542	1,131
Run-around Coils on AHU's (Limerick)	428,261	87,351
Bathroom Under Sink heaters (Clonmel)	2,292	2,961
Heat / Fossil Fuel Boiler to Heat Pump		
Main Building Moylish (Part)	1,567,943	399,825
District Heating		
Athlone Campus	4,021,245	1,025,417
Total savings potential from projects	**7,165,552**	**1,818,378**

3.0 OUR PEOPLE

The National Strategy for Education and Sustainable Development establish a priority action to transform learning environments through "*a whole of Institution approach to ESD, creating learning environments where learners learn what they live, and live what they learn*[5]*."* In a Higher Education Institution (HEI) context this specific action requires that *"HEI Executive Management Teams should consider how ESD /SDGs are integrated into Institutional governance, strategy and structures."*

To enable this approach TUS has established a governance structure which delivers this requirement and demonstrates clear and consistent leadership, responsibility, and accountability. This structure will facilitate a whole of Institution approach to climate and sustainability activities.

3.1 & 3.2 University Sustainability Team

A University Sustainability Committee (USC), chaired by the TUS President, was established in July 2023 reporting to TUS' Governing Body via the Finance and Physical Development Subcommittee. The USC will ensure that the strategic importance of sustainability and related actions are identified and delivered within everyday university life. This committee has oversight and responsibility for the delivery of the actions set out in this Climate Action Roadmap including the annual review and assessment of progress to date on current measures and actions and the preparation of new measures in line with progress analysis.

Three Subcommittees; Estates and Operations, Partnership and Engagement, Learning Teaching and Research were established in 2024. These subcommittees comprise membership from across TUS, including representatives of Green Campus committees, to ensure whole of organisation engagement. The Committee and Subcommittees meet 4 times annually.

TUS' Sustainability Governance Structure can be seen below and further information on membership and scope of the Committee and its Subcommittees can be found in Appendix B. Jimmy Browne, COO, is TUS' Climate & Sustainability Champion and EPO.

A critical feature of the governance structure is the active participation of the campus community – in particular our staff and our students in the relevant sub committees of the university sustainability committee; including the campus specific green committees.

Participation is open to any student or staff member with an interest in the work of the committees.

Green-Campus committees will lead the drive towards Green Flag status for each campus. The involvement of students from a diverse range of courses and the support of the Students' Union have been key to the success of the committees to date. The committees work closely with campus catering services, cleaning and waste collection contractors, and the estates and facilities team.

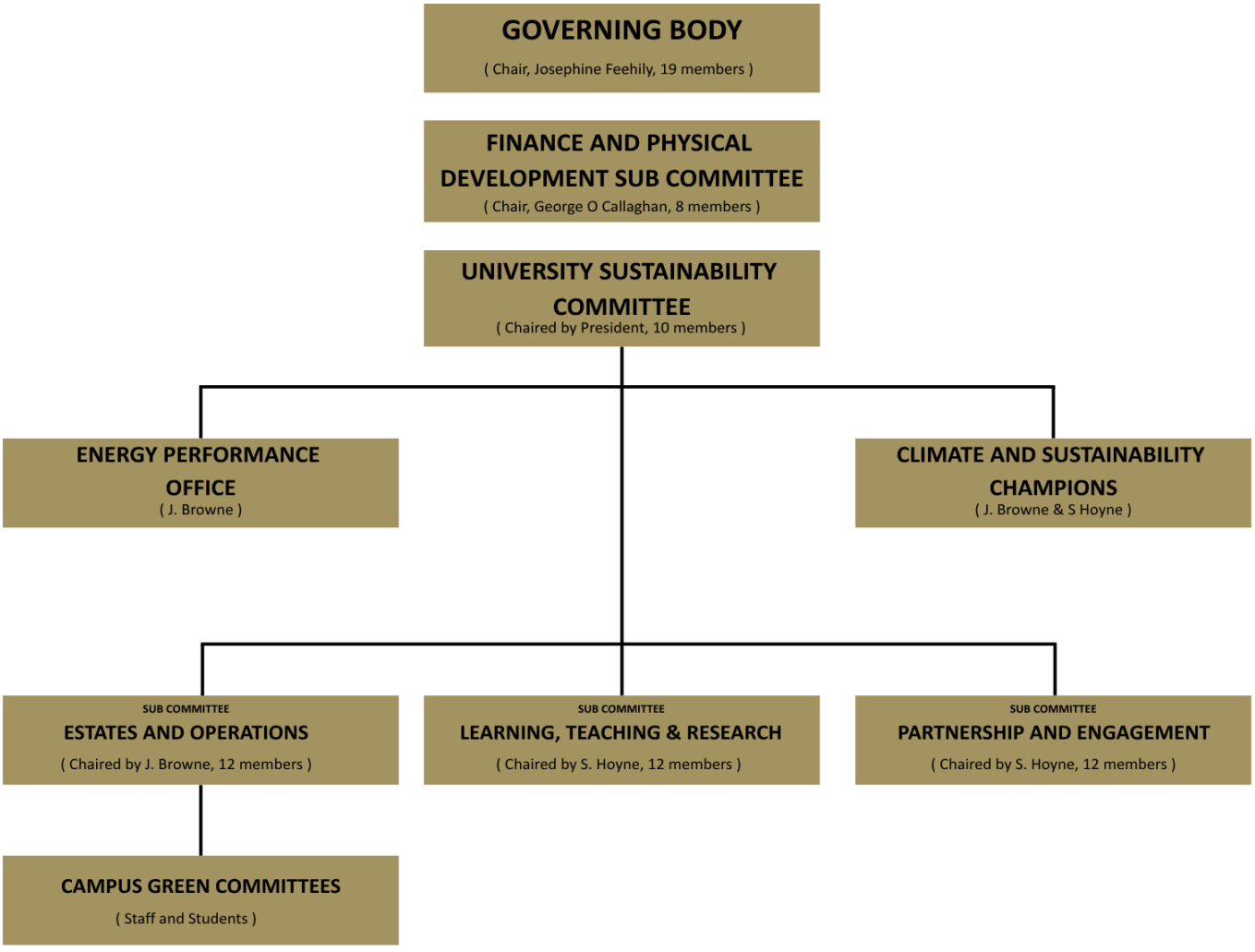


Table 3: University Sustainability Committee (USC) Membership

Name	Role
Prof Vincent Cunnane	President
Darragh Wynne	Sustainability Coordinator
Jimmy Browne	Chief Operations Officer
Frances O'Connell	VP Student Education and Experience
Dr Maura Clancy	Dean of Faculty of Applied Sciences & Technology
Dr Sean Lyons	Dean of Faculty of Engineering and Informatic
Dr Aoife Lane	Sport + Health Sciences
Dr Orlaith Borthwick	Flexible Learning
Dr Lisa Moran	Dean of Graduate Studies
Cormac Cloonan	Capital Development
Seamus Hoyne	Dean of Flexible & Work Based Learning
Marian Duggan	VP People, Culture and EDI

*Full terms of reference of USC sub-committee are available in Appendix B

3.3-3.5 Climate Action & Sustainability Training

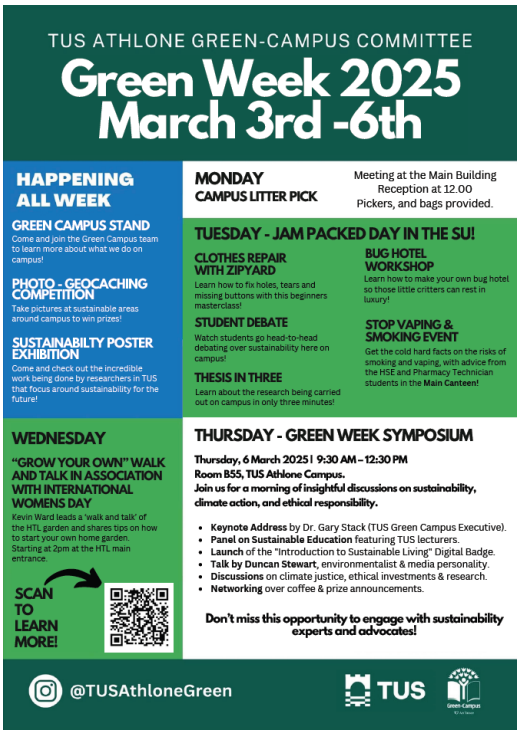
TUS has delivered an extensive range of Climate Action and Sustainability training, workshops, and awareness initiatives during 2024/2025. These included programmes such as Climate Fresk, Climate Basics, Carbon Literacy Training, and Green Procurement Training.

Throughout the year, Green Campus Committees organised numerous events to engage staff and students on climate and sustainability issues. A key highlight was Green Week, held in March 2025, which featured a diverse and engaging programme of activities.

For 2025/2026, TUS remains committed to providing opportunities for staff to actively engage with climate and sustainability topics and to continue their professional development in this area.

In November 2024, Climate Action Leadership Training, delivered by Sustineo, was conducted as a half-day session for all senior management, including the President, Vice Presidents, and Deans.

Outlined below are some of the planned training sessions and workshops for 2025/2026:



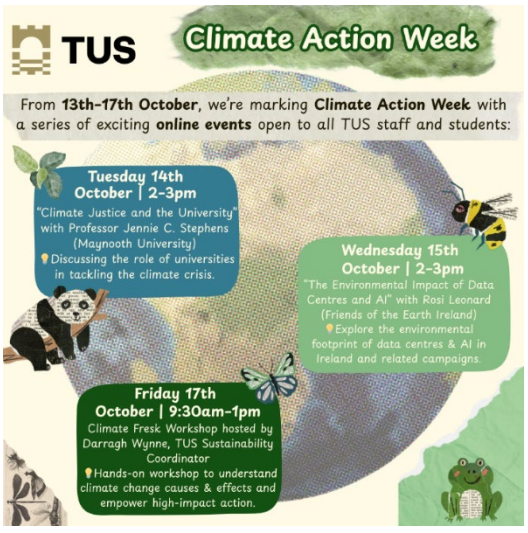


Table 4: Planned Training Sessions 2025/2026

Reduce Your Use 2025/26.	TUS will be engaging in a multi-faceted communications campaign as part of RYU to inform staff and students of ways they can help to decrease TUS' carbon footprint.
Climate Fresk and Carbon Literacy	TUS has trained staff members to deliver Climate Fresk training which will be offered to staff and students on a semesterly basis. TUS is due to get a Carbon Literacy Course accredited by December 2025 which will be offered to staff and students on an annual basis.
Carbon Basics and Energy Basics	TUS will be encouraging key staff to engage in SEAI's Carbon Basics and Energy Basics courses
Climate Action Week and Green Week	A range of events will be run for Climate Action week in October 25 and Green Week in Feb 26.
Green Procurement Training	A targeted Green Procurement Training will be delivered to TUS staff in Q2 2026
Climate Action Leadership Training	TUS will roll out our next training in Q1 2026

Footnotes:
[5]ESD to 2030: Second National Strategy on Education for Sustainable Development

4.0 OUR WAY OF WORKING

4.1 & 4.2 Reporting Requirements

TUS Annual Report 2023-2024 reports on GHG emissions; implementation of the mandate; sustainability activities and TUS will report on Circular 1/2020: Procedures for offsetting the emissions associated with official air travel in Annual Report 2024-2025. See appendix A

TUS also reports on the implementation of the individual mandate requirements using the SEAI's Public Sector M&R system with a "comply and explain" approach.

4.3 Energy & Environmental Certification

TUS is currently participating in the Public Sector ISO 50001 Accelerator Programme, which is scheduled to conclude in December 2025. In alignment with this initiative, TUS is in the process of procuring a certification body to conduct the ISO 50001 audit, with the objective of achieving certification by the end of Q1 2026.

TUS are developing plans to achieve ISO 14001:2015 Environmental Management Systems by 2030.

Additionally, TUS successfully completed its statutory energy audit in accordance with S.I. No. 426 of 2014 in October 2025 and will schedule the next University wide energy audit for Q3 2029 not need to complete the energy audits again until 2029.

4.4 Green Public Procurement

TUS currently procure through OGP / EPS frameworks across a range of services and supply of goods. This ensures that the relevant procurement practices and criteria reflective of good practice relating to green procurement criteria and standards are applied for a significant amount of the TUS spend. A review and update of the TUS procurement policies and procedures will take place in Q1 2026 with a view to it being approved and implemented by end of Q2 2026. This will address the implementation of Green Procurement best practices as well as addressing the implementation of circular 17/2025.

4.5 Construction

Low-carbon construction methods and low-carbon cement materials, such as GGBS, were employed throughout the build of the Mary Ward Centre for Science in Athlone. This 5,975m² development which was completed in 2025 was designed and specified to achieve a BREEAM Excellent standard, reflecting best practice and a strong commitment to environmental responsibility and sustainability. Environmental Product Declarations (EPDs) for the materials used in construction were compiled as part of the BREEAM Excellent certification process. Our Coonagh Campus which opened in April 2024 has been awarded Sustainable Building Project at the Irish Building & Design Awards (IBDA) for its sustainable design practices and received the Sustainability Award for a Single Building or Development at the Building & Architect of the Year Awards. Projects currently at design and planning stages will follow the recommendations in the Department of Enterprise, Trade and Employment (DETE) report.

TUS is committed to implementing Resource and Waste Management Plans on all capital developments across its campuses. All projects will adopt best-practice measures to minimise waste, maximise material efficiency, and ensure responsible disposal, with a minimum standard applied to every development. Accredited sustainability frameworks, including BREEAM, will be used to support compliance and verify performance, demonstrating TUS's commitment to environmental responsibility, circular economy principles, and sustainable campus growth.

TUS will integrate the principles and methods required, ensuring that all future capital developments apply circular economy practices in line with emerging national guidance. Procurement of construction materials will prioritise recycled content, supported by a robust Circularity Roadmap and the forthcoming Whole of Government Circular Economy Strategy. Building accreditation schemes, such as BREEAM, alongside Whole Life Carbon assessments, will underpin TUS's approach, ensuring environmental performance, resource efficiency, and sustainable outcomes are embedded across all projects.

4.6 Organic Food

TUS Midwest campuses through their outsourced foodservice partner are currently exploring a pilot partnership with Food for Life and Origin Green. This initiative supports the introduction of measurable sustainability indicators within campus catering operations, including tracking organic sourcing, local procurement, and food waste reduction. The pilot will inform future roll-out of certified organic procurement across all Midwest campuses

TUS Midlands campus, 50% of cereals procured under existing catering arrangements are currently certified organic. TUS aims to progressively extend this approach to other food categories as new contracts are renewed or tendered, in line with national GPP and organic food procurement targets.

TUS will continue to monitor and report on the proportion of organic food procured annually, ensuring alignment with both the National Irish Organic Strategy 2024–2030 and the EPA's GPP criteria for Food and Catering Services.

4.7 Food Waste

TUS is committed to reducing food waste across all catering and food service operations in line with Ireland's commitment to halve food waste by 2030 and the National Food Waste Prevention Roadmap 2023–2025.

From 2024 onwards, TUS is measuring and monitoring food waste generated across campuses using the EPA standardised approach. Data-driven insights are used to inform menu design, portion control, and operational practices. based on supplier reports, the Athlone Campus generated 20,195 kg of food waste, while the remaining campuses generates 38,674 kg, encompassing food and beverage waste only. Furthermore, since October 2024, the Athlone

campus canteens has transitioned to 98% compostable packaging, reinforcing ongoing efforts to reduce waste.

Food Waste Prevention: Menu and production optimisation informed by waste analytics (dish-level insights and trend reports). Portion calibration through standardised recipes and feedback from waste data to minimise plate and preparation waste. Forecasting tools used to align production with demand peaks and lows, reducing overproduction and spoilage.

Food Waste Segregation: Dedicated segregation streams for preparation, spoilage, and plate waste supported by clear signage at disposal points. Regular staff training and refreshers to ensure consistent and accurate waste categorisation.

Contractual Measures: All new contract arrangements related to canteen and food services, including events and conferences, will include measures targeting food waste prevention and segregation, in line with EPA Public Sector Guidance and Irish GPP criteria for Food and Catering Services.

Planned Actions (Next 12 Months):

Establish site-specific food waste reduction targets with quarterly reviews and annual reporting. Refine menus and portioning for high-waste items, introducing smaller default portions with "add more" options. Enhance operational forecasting for events and peak periods, optimise batch cooking, and improve stock rotation. Deliver quarterly team training, maintain "waste hotspot" visibility boards, and expand measurement coverage to include deli and grab-and-go areas. Promote awareness through Green Teams, supporting National Stop Food Waste Day (1st March) and sharing Stop Food Waste resources with staff. Encourage canteen service providers to sign the Food Waste Charter and adopt continuous improvement practices.

Through these actions, TUS will continue to demonstrate leadership in food waste prevention, supporting the national transition to a circular, low-carbon economy.

4.8 ICT Equipment

TUS procures all ICT end-user equipment (desktop computers, laptops, and mobile devices) through the HEAnet Framework, which ensures compliance with national Green Public Procurement (GPP) requirements.

Our standard ICT purchases currently include Dell OptiPlex 7020 desktops and Dell Latitude laptops, both of which are certified to the EPEAT Gold Standard:

- *Desktops:* According to the EPEAT Registry, the Dell OptiPlex SFF 7020 is listed as EPEAT Gold Certified in the United States, with registration confirmed on March 19, 2024.
- *Laptops:* According to the EPEAT Registry, Dell Latitude models are EPEAT Gold Certified and achieved EPEAT Climate+ status on March 14, 2024.
- *Mobile Phones* are Procured through the OGP Framework, primarily Samsung models, which are EPEAT Gold Certified.

TUS will continue to track ICT procurement to monitor ongoing compliance with the GPP ICT equipment procurement target, in line with the Buying Greener: Green Public Procurement Strategy and Action Plan 2024–2027 and guidance issued by the Environmental Protection Agency (EPA) and the Office of Government Procurement (OGP).

4.9 Paper

Where paper use remains necessary, 100% recycled paper is procured in line with national Green Public Procurement criteria. In the most recent reporting period, Sept 2024 to Aug 2025, 12640 reams of paper were centrally procured across the University.

TUS actively monitors and tracks paper consumption through its print system, which enables accurate data collection and helps identify areas for reduction. TUS is evaluating the possibilities to transition to digital first approach to eliminate paper-based processes as far as is practicable.

4.10 Water

TUS has installed water refill stations across all campuses, with a total of 62 points currently in operation. TUS are implementing a standard across our Estate to choose refill stations that can monitor usage with over 50% of our current stations with this facility installed to date. Water refill station that can monitor usage promote public health, environmental sustainability, and cost savings by providing access to free, filtered water, reducing plastic waste from single-use bottles, and eliminating expenses related to bottled water delivery and disposal.

While overall water consumption data varies across the estate, accurate records are available for the Athlone Campus with 39,148m2 recorded in 2024. However, discrepancies remain with utility provider data for other campuses. TUS is actively engaging with the utility provider to resolve these issues and is advancing a comprehensive metering program to monitor and reduce water usage.

The University has adopted a Water Conservation Strategy that incorporates initiatives such as rainwater harvesting in several buildings. In addition, TUS continues to implement water-saving measures across laboratories, kitchens, workshops, and sanitary facilities. These measures include the installation of low-flow taps, dual-flush toilets, timed urinal flush controls, and low-flow showerheads.

4.11 Single Use

TUS is committed to eliminating the use of disposable and single-use items across all catering and event operations, in accordance with the Public Sector Climate Action Mandate and the EU Single Use Plastics Directive (Directive (EU) 2019/904).

Since September 2024, 98% of canteen consumables at the Athlone Campus are now recyclable or compostable, resulting in a measurable reduction in general waste and a corresponding increase in compostable waste. The campus has significantly increased the use of ceramic cups, plates, and cutlery, replacing single-use disposables. All events up to 20 participants now operate with 100% ceramic service, with a target to reach 100% recyclable or reusable consumables campus-wide within the next 12 months. From September 2024, all disposable cups, plates, and cutlery have been removed from all other campuses staff dining facility. TUS has transitioned to reusable or ceramic alternatives and will continue to promote their use across all campuses. Additionally, other campuses are reviewing the elimination of single-use sauce sachets, replacing them with large refillable dispensers to further reduce waste.

Across TUS, procedures are being implemented to ensure all new catering contracts, internal operations, and events comply with the mandate to cease the use of disposable items and progressively eliminate other single-use materials. Staff responsible for organising events, procurement, or sponsorships are being made aware of these obligations to ensure sustainable practices are embedded throughout all TUS activities.

4.12 Other Materials

TUS supports Ireland's Producer Responsibility Initiatives and complies with the requirements of the Deposit Return Scheme (DRS) and national waste management regulations.

All qualifying bottles and cans are collected and processed through the Deposit Return Scheme, ensuring that none of these materials enter general waste. Students and staff are encouraged to return bottles to DRS vending machines or dedicated onsite recycling bins. Proceeds from DRS collections are donated to TUS's chosen charity, promoting both environmental and social responsibility.

TUS utilises segregated waste collection services across all campuses, including a minimum of three waste streams – general waste, recycling, and organic – in line with national waste regulations introduced in July 2023.

The University continues to track and improve waste segregation, with ongoing efforts to raise awareness and ensure all recyclables are placed clean, dry, and loose in recycling bins. Further actions are underway to enhance compliance with Ireland's Extended Producer Responsibility model and to progressively reduce overall waste generation across TUS campuses.

A 3-bin service is in operation across all TUS campuses with services delivered by Barna Waste in Athlone and Panda Waste across other TUS campuses. Waste is segregated into general waste, mixed recycling, and compost/food, with weights monitored and reported by the suppliers. For 2024, supplier data shows the following combined waste figures:

Table 5: TUS Waste figures in Kgs

Items	Figures in KGs
Compost & Food	102,086
General Waste	266,069
Mixed Recycling	167,102

5.0 OUR BUILDINGS AND VEHICLES

5.1 & 5.2 Sustainable travel and Mobility Initiatives

TUS is committed to promoting sustainable travel across its campuses and supporting local authority projects aimed at enhancing active and shared mobility options. Current provisions include bicycle parking and secure facilities, showering and changing amenities, and designated carpooling spaces available across multiple campuses.

Several initiatives are underway to strengthen sustainable transport links:

- Collaboration with Local Authorities:
  - Engagement with Bus Éireann on rapid bus corridor projects in Limerick.
  - Support for bike-sharing schemes located on or adjacent to Athlone and Moylish campuses.
  - Partnership with Westmeath County Council to improve active travel routes to Athlone campus (currently at planning stage).

        - Coordination with Limerick City and County Council on new cycle lanes connecting Moylish campus to the city centre.
- Active Travel Enhancements:
        - Launch of the *Cycle to TUS* scheme in Q4 2024 across Athlone campuses, complemented by new cyclist facilities.
        - Investment in secure bike sheds at Athlone, Moylish, and Coonagh campuses.
        - Provision of dedicated shower and changing facilities, particularly at Athlone, Moylish and Coonagh Campuses.
- Integrated Transport Solutions:
        - Park-and-ride shuttle service linking Moylish and Coonagh campuses.
        - Additional satellite car parking at Athlone and Moylish to support active travel priorities.
        - Availability of TFI Bikes outside Moylish campus to expand shared mobility options.

While the principle of phasing out car parking in areas with strong public transport and active/shared mobility alternatives is widely recognised, the geographical distribution of TUS campuses and limited public transport availability make full removal of car parking unfeasible at present. However, TUS continues to encourage modal shift wherever suitable alternatives exist.

Furthermore, TUS is actively pursuing Smarter Travel Mark accreditation for the Athlone campus, while the Moylish campus has achieved silver accreditation. These efforts reinforce TUS's strong commitment to reducing single-occupancy car use and embedding sustainable travel principles across all operations. In addition, TUS will continue its active participation in the Light Up Your Bike campaign, Walktober, and Marchathon initiatives across all campuses in 2025.

5.3 DEC Certificates

TUS has up to date Display Energy Certificates on display in each campus building >250m2 which are open to the public. Certificates are publicly accessible and will be updated as required.

5.4 Phasing out fossil fuels

Since 2023, TUS has implemented updated procurement and design procedures to ensure full compliance with the requirement to eliminate fossil fuel-based heating in all new buildings and major retrofit projects. These measures prioritize the integration of highly efficient heat pumps and direct expansion (DX) units, many of which have already been successfully deployed in recent years.

Key projects showcasing these sustainable solutions include the extension of the MIRC building, the deep retrofit of the APT facility, the construction of the new Mary Ward Centre of Science, the Clonmel Sports Building, the comprehensive retrofit of Block 13, the repurposed and retrofitted Coonagh campuses, as well as selected areas within the Moylish Main Building.

Phase 1 of the Athlone Campus decarbonisation initiative commenced in 2025, with the Auburn Building now connected to a heat pump via a heat exchanger. Upcoming plans include reviewing and installing heat pumps at the Questum facility and introducing a bivalent system—combining biomass and heat pump technologies—at the Thurles Campus by 2027/2028.

To further accelerate the decarbonisation of our building portfolio, TUS will conduct an assessment of existing campus electrical infrastructure to determine its capacity to support the transition to electric heating. This assessment will guide the development of a phased implementation plan aligned with projected needs. In 2025, the Athlone and Clonmel campuses completed MIC upgrades to enable electrification initiatives, while the Moylish campus is scheduled for a capacity upgrade in 2026 to strengthen support for the decarbonisation of existing infrastructure.

5.5 Procurement of Energy Related Products

Since mid-2025, TUS has adopted the practice of procuring energy-related products for new sustainable projects through the Triple E Register. The next scheduled review of TUS procurement policies in 2026 will incorporate more comprehensive guidance on Green Public Procurement (GPP) criteria and triple E registered products across the sector.

5.6 Procurement of Cleaning Contracts

TUS has recently retendered its cleaning provider and they use the system, which generates stabilized aqueous ozone to effectively clean and sanitise while eliminating or greatly reducing reliance on traditional chemical agents. They use eco-friendly products on smaller sites and periodically, and staff are continuously engaged and retrained in best practices for reducing chemical use and conserving energy. This approach supports both health and environmental goals across campus.

5.7 Existing Buildings

In November 2024, TUS completed the development of its building portfolio and submitted the data to the SEAI Monitoring and Reporting (M&R) system. As part of this process, TUS identified the Significant Energy Users (SEUs) within its buildings and formulated comprehensive retrofit plans. These plans are designed to ensure that TUS achieve the targeted energy efficiency and greenhouse gas (GHG) reduction goals by 2030, as outlined in Section 2.0. A copy of TUS building stock plan is located in appendix C.

5.8 Vehicles

TUS has a small vehicle fleet on our Athlone Campus which we have commenced the process of replacing, with one EV procured to date in 2024 and a second EV planned for 2026. The replacement of our vehicle will be procured through the Office of Government Procurement (OGP) framework for Small, Medium, and Large Battery Electric Vans for Public Sector Bodies in accordance with the SI381/2021 Clean Vehicles Directive.

TUS has installed EV charger infrastructure at key locations across Athlone, Moylish, Thurles, and Questum. Additional installations are planned for Coonagh, Clare Street, and the Clonmel campus in Q4 2026.

6.0 INSTITUTIONAL – CLIMATE & SUSTAINABILITY ACTION

TUS have developed a series of high-level priorities across all aspects of our activities to deliver the 2030 targets. The priorities are a set of high-level institutional actions that are focused at ensuring delivery of the 2030 targets and the necessary institutional repositioning across the full range of our activities.

Table 6: High Level Climate and sustainability actions to 2030

Climate Action Plan Reference	TUS will
CAP 1	Expand and upgrade its energy and utility, monitoring, recording and controls infrastructure, and software, to ensure comprehensive data capture and operational strategy implementation including relevant accreditation standards to be achieved.
CAP 2	Provide sustainable forms of transport within and between campuses, with a focus on physical mobility where possible.
CAP 3	Integrate campus transport linkages with local smarter travel infrastructure that promote active travel and are easily accessible by all.
CAP 4	Develop a TUS Campus Masterplan that identifies the strategy for CAP objectives achievement in future Capital Works, including EED and building rating targets.
CAP 5	Instigate an annual building retrofit project as part of a coherent multiannual building stock upgrade programme.
CAP 6	Foster a culture of positive climate action and sustainability within the staff and student community.

CAP 7	Map the full range of GHG activities and target baseline data across Scope 1, Scope 2, and Scope 3 Emissions.
CAP 8	Increase the carbon sequestration and absorption capabilities of TUS campuses.
CAP 9	Increase the biodiversity and volume of plant and animal life on campus and maintain ecologically healthy levels.
CAP 10	Build student accommodation that integrates the practices, behaviours and infrastructure of sustainable development into the everyday lives of students.
CAP 11	Gather data across the Institution as part of the Advance HE Sustainability Strategic Enhancement Framework to build internal institutional capability.
CAP 12	Develop individual Faculty and Function Sustainability Plans that are linked to the Strategic Plan and the period of the Climate Action RoadMap 2023-2026.
CAP 13	Develop a culture of staff engagement through coherent and relevant training, comprehensive staff climate awareness programme.
CAP 14	Examine methodologies to measure the environmental benefits of Green Procurement practices.
CAP 15	Evaluate the IBEC *KeepWell* programme as a potential framework for wider health & wellbeing actions.

TUS is in the latter stages of our Phase 1 2023 – 2026 implementation with progress denoted in table 7. Our next phase of Institutional actions will be outlined in subsequent iterations of this Roadmap.

Table 7: Phase 1 (2023-2026) Actions and update on Status

CAP reference – Phase 1	TUS will	Status	Comments
CAP 1.1	Implement Campus Wide LED lighting	In progress	General replacement programme ongoing across all campuses including external LED lighting in Coonagh Campus and internal LED lighting in Athlone Campus

CAP 1.2	Expand the capacity of- 1) Energy metering infrastructure 2) Building Management system and its controls	In progress	TUS has completed energy metering across our Athlone, Moylish and Thurles Campuses in 2025. We plan to expand our energy metering across the remaining campuses by 2028. We have implemented the use of Energy Elephant in TUS and ABB Building Analyser system in Athlone to monitor the energy usage. TUS currently utilise our BMS system to monitor and control the building on each campus. We have valuable information from our BMS for Athlone, Coonagh and Moylish campuses. We also use the data to identify and verify the building energy consumption, to take corrective actions to monitor the data. The remainder of the campuses building EnMS are outdated and are planned to be updated by 2028.
CAP 1.3	Develop biodiversity masterplans for each campus in conjunction where relevant with campus green committee including implement walking trails as integrated green campus solutions progressively across all campuses.	In progress/ Completed	At **Athlone Campus**, our annual native planting program continues to enhance biodiversity. In 2025, this includes new planting at the southern entrance of the Main University Building and the creation of wildflower pollinator corridors near Mary Ward, the Nursing Building, and the southeastern section of the campus. **Moylish Campus** has introduced an edible landscape initiative, featuring fruit trees, vegetables, and edible flowers. These will be available for use by the

			hospitality team and volunteers who assist with their care. Across **Clonmel, Thurles, and Clare Street campuses**, designated grass areas have been set aside for wildflower planting to attract and support native Irish pollinators. To further promote biodiversity, two beehives have been installed on **Clare Street Campus** as part of an educational and conservation project focused on bee health and sustainability. The **Thurles Campus** Willow Plantation, established as a research and demonstration project, continues to explore energy crop production. Each year, we plant trees and encourage hedgerow growth to provide habitats for pollinators and strengthen local ecosystems. Looking ahead, the TUS Campus Development Masterplan 2025–2040 outlines ambitious plans to expand biodiversity initiatives across all campuses.
CAP 1.4	Achievement of Green Flag Status in TUS Athlone and application for redesignation of TUS Thurles/Clonmel Green Campus, establishing	In progress	TUS Athlone is having its Green Flag assessment in Q4 2025. TUS Thurles/Clonmel was awarded a 2nd Green Flag in Q2 2025. TUS Limerick Campuses formally joined the Green Campus programme in

	Green Campus committee for TUS Limerick campuses		Q4 2025 with an aim of achieving a Green Flag by Q1 2028.
CAP 1.5	Submission of Sustainability Leadership Scorecard (SLS)	In progress	TUS will engage in an external validation process with EACU and SUMS consultancy in Q4 2025.
CAP 1.6	Reduce Your Use Campaign 2025/2026	In progress	TUS has registered for the RYU campaign for the 25/26 winter cycle and hopes to deliver energy reduction savings based on this initiative
CAP 1.7	Development and approval of TUS Energy Policy	Completed	

7.0 APPENDICES

Appendix A – TUS Annual Report 2023 – 2024

From Section 9: National Climate Action Plan on TUS Annual Report 2023-2024

1.0 Strategic Context

The defining challenge of the 21st century will be to balance social progress within the planet's environmental boundaries. In an Irish context Project Ireland 2040 states that "The challenge of creating a more sustainable future for Ireland is a collective responsibility for all of us". At TUS, we are committed to providing leadership in response to this challenge through the identification and implementation of progressive meaningful and innovate technological responses and critical behavioural changes. It is our responsibility as a Higher Education Institution (HEI) to contribute to the transition toward a sustainable society through a range of leadership actions on our campuses and by embedding it in our curriculum.

In doing so TUS aims to become a thought and behavioural leader in this transition.

This commitment is underpinned by the TUS vision to 2030 which is "to be a catalyst for sustainable change through education and research that transforms lives, our region and the world beyond".

TUS has an ambitious sustainability objective "to support and enable our partners to deliver sustainable futures and foster systemic change" and in order to demonstrate progress and deliverability TUS will utilise the EAUC Alliance for Sustainability Leadership in Education Sustainability Leadership Scorecard (SLS) to frame objectives and track progress.

2.0 Progress

Governance

TUS has established a University Sustainability Committee with sub-committees addressing Education & Research for Sustainable Development, Estates & Operations and Partnership & Engagement. A strong governance structure is required to ensure a whole of institution approach is taken. In addition to its strategic plan TUS has placed sustainability to the forefront of specific strategic initiatives. Within the Technological Sector Advancement Fund (TSAF) provided through the Higher Education Authority (HEA) TUS has dedicated specific resources to sustainability and appointed a new Sustainability Coordinator in September 2024. Furthermore, sustainability is highlighted within the TUS System Performance Framework submission to the HEA. A central website to communicate TUS activities in the field of sustainability has been put in place and will be updated on a regular basis https://tus.ie/sustainability/.

Climate Action (SDG 7 Affordable and Clean Energy, SDG 11 Sustainable Cities & Communities, SDG 12 Responsible Consumption and Production, SDG 12 Climate Action)

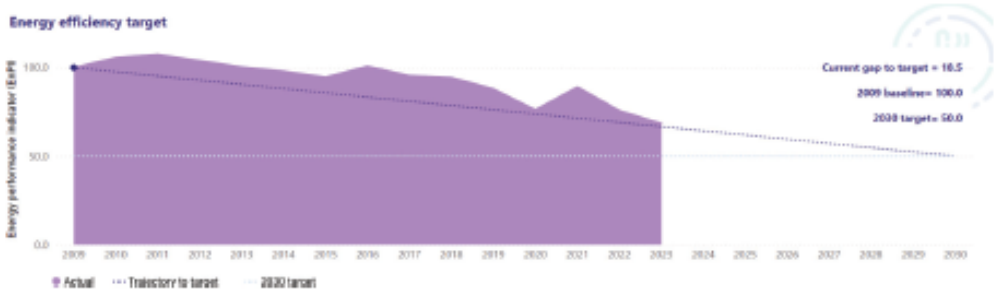
As a multi-campus HEI TUS is addressing and implementing actions in line with its' responsibility under the Climate Action Mandate. Achievements during the period of this report include:

- iExtensive work has commenced on planning for building decarbonisation on the TUS Moylish campus through the SEAI Pathfinder programme.
- LED lighting installations continue across the TUS campuses.
- New EV charging stations have been provided in TUS Thurles and Moylish.
- A new mobility plan including car-pooling facilities have been developed for the TUS Athlone campus.
- The Tipperary Green Campus Committee has engaged extensively on biodiversity aspects of a proposed sports development on the Thurles Campus. Athlone Green Campus Committee is preparing to submit its application for its first green flag.

- Athlone Campus APT deep retrofit project completed in Q4 2023 resulted in BER improvement from D2 to A3 rating and removal of fossil fuels to heat the building.
- Register of Opportunities developed to priorities energy efficiency and carbon reduction projects.
- Tender prepared for SI 426 Audit and ISO 50001 Gap Analysis with contract award in Q1 2025

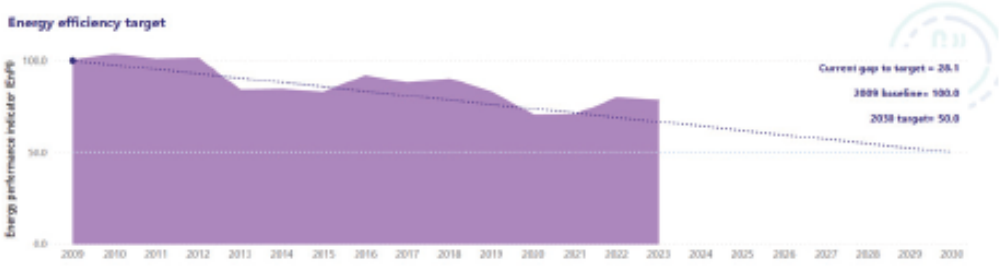
TUS is collaborating with SEAI to ensure that there is a single instance and reporting framework on the SEAI Monitoring and Reporting tool. For 2023/2024, however, data is still available at legacy institution level.

Energy Efficiency Targets: The following graph sets out the performance of actual vs target for the Midwest Campus, this indicates that current activities are ensuring that the TUS glidepath is on track and that the implementation of the identified actions will ensure the achievement of the established 2030 targets.



Energy efficiency target of TUS Midwest (2023)

This graph sets out the performance of actual vs target for the Midlands Campus, this indicates that current activities are above the trajectory to target. Recent increases in electrical usage can be attributed to the recently completed APT building and MIRC extension as well as the Electrical usage in the construction of the STEM building which is due for completion Q1 2025. By utilising the Gap to Target Tool, we have been able to model future projects to address this trend. Significant lighting replacement and associated controls coupled with more efficient plant and pump replacement projects are planned to reduce our usage towards the 2030 targets.



Energy efficiency target of TUS Midlands (2023)

TUS have delivered a new facility in Coonagh in Q1 2024 and are progressing with the completion of a new STEM building in Athlone in Q1 2025. These buildings have been delivered to relevant climate action standards and the addition of these buildings will be offset by the continued implementation of energy efficiency measures throughout our campuses.

Greenhouse Gas Emissions: Greenhouse gas (GHG) emissions reductions against baseline figures are at 25.2% (Midwest) and 29.9% (Midlands). An additional 2,225,792 kgCo2 if we are to achieve the 51% target by 2030s. The plans formulated in gap to target tool and items set out in our Climate Action Roadmap will help in achieving this targeted reduction by 2030.

Education for Sustainable Development (SDG4: Quality Education)

The National Strategy for Education and Sustainable Development establishes a priority action to transform learning environments through "a whole of Institution approach to ESD, creating learning environments where learners learn what they live, and live what they learn". As a partner in the N-TUTORR project which embeds the SDGs across its activities, TUS has maximised opportunities to increase capacity amongst students and staff in relation to the SDGs. The TUS Special Purpose Award, Certificate in Embedding Education for Sustainable Development (ESD) in the Curriculum (15 ECTS) has been delivered twice to date. A total of 22 learners completed the programme and it will be delivered on multiple occasions in the future thus growing knowledge and capacity in the organisation. In addition, work has commenced on the development of a compendium of ESD best practices across TUS. Data and information are being harvested from lecturers across the University with a view to making the best practices available to staff in a user-friendly manner.

3.0 Planned Activities

A range of actions and initiatives are planned in 2024/2025 across TUS to accelerate our progress on sustainability including:

- Extensive capacity building and training
- Climate Leadership Procurement and ESD: senior leadership team and staff
- Carbon Literacy and Climate Fresk Training: TUS staff and students
- Climate Fresk Facilitators: TUS Staff
- Pilot of Sustainability Student Champions initiative
- Development of Irish Universities' Carbon Literacy Training in conjunction with SETU and UCD (Q3 2025)
- Run TUS wide Green Week (March 3rd-7th 2025)
- Development and implementation of TUS sustainability communications strategy
- Removal of disposable cups from TUS Midwest canteens on a phased basis
- Complete phase 1 review of Sustainability Leadership Scorecard (SLS) analysis
- Development of TUS Sustainable Procurement Guidelines
- Preparation to achieve ISO500001 Certification in Q1 2026
- SI 426 Energy Audit
- Establishment of Energy Team (as a sub-group of Estates and Operations Sub-Committee of USC)
- Development and approval of TUS Energy Policy
- Continuation of LED lighting projects and decarbonisation projects i.e., heat pump projects
- Improvements of BMS Metering
- Pump replacement projects.
- Progressing SEAI Pathfinder Projects
- Achievement of Green Flag Status in TUS Athlone and application for redesignation of TUS Thurles/Clonmel Green Campus, establishing Green Campus committee for TUS Limerick campuses
- Publish outcomes of sustainability mapping of selection of TUS academic programmes (Q2 2025)
- Publish ESD Compendium (Q3 2025)

Appendix B - USC – Subcommittee – Terms of Reference

USC Estates and Operations Subcommittee

Chair: Jimmy Browne – Chief Operations Officer

- Reporting to: University Sustainability Committee
- Covered Topics:
- Scope 1 Activities Including establishing baselines
- Biodiversity
- Energy
- Resource Efficiency/Waste
- Travel and Transport
- Building infrastructure projects including new build, retrofit and Refurbishment
- Green Campus Initiatives – These will be focused at campus level through the formation of Green Campus Committees (GCC) comprised of staff and students. These aspects of the subcommittee work will be channelled through individual Green committees on each campus the membership of which will be comprise of staff and students.

Name	Role
Jimmy Browne	Chief Operations Officer
Cormac Cloonan	Capital Development
Darragh Wynne	Sustainability Coordinator
Elaine Heelan	Estates Manager
JJ Leonard	Estates Manager

Maeve O' Reilly	Green Campus Committee
Kevin Healion	Green Campus Committee
Reno Rajan	Assistant Buildings Officer
Aidan Cunningham	Assistant Buildings Officer

USC Education & Research for Sustainable Development Subcommittee

Chair: Seamus Hoyne, Dean Lifelong & Work Based Learning and Head of Centre, Thurles Campus

Reporting to: University Sustainability Committee

Covered Topics:

- Learning and Teaching – ESD, CPID, VP Academic Affairs, NTUTORR
- Research – RDI, SDRI, Development Unit, other relevant research institutes
- Student Engagement – SU, Clubs and Societies, VP Student Experience

Name	Role
Seamus Hoyne	Dean Lifelong & Work Based Learning
Darragh Wynne	Sustainability Coordinator
Dr Anthony Johnston	Director of Research Development, Faculty of Business and Hospitality
Frances O'Connell	VP Student Education and Experience

Dr Maura Clancy	Dean of Faculty of Applied Sciences & Technology
Dr Michael Tobin	Faculty Continuing Prof Online Learning
Mike Fitzpatrick	Dean of Limerick School of Art and Design
Dr Noelle O'Connor	CPID
Dr Nuala Harding	CPID
Jos Gijbels	TUS SU Postgrad
Mercedes Alonso Gomez	SDRI Director
Dr Patrick Murray	R&D Manager
Eleanor Moloney	LSAD Research Institute Director
Dr Declan Devine	PRISM Research Institute Director

<u>USC Partnership & Engagement Subcommittee</u>

Chair: Seamus Hoyne – Dean Lifelong & Work Based Learning and Head of Centre, Thurles Campus

Reporting to: University Sustainability Committee

Covered Topics:

- Business & Industry Interface: Enterprise and Innovation; Flexible Learning
- Community & Public Engagement: Enterprise and Innovation; Flexible Learning; Marketing

- Food & Drink – (procurement): Finance, Procurement; Campus Companies
- Procurement and Suppliers: Finance, Procurement

Name	Role
Seamus Hoyne	Dean Lifelong & Work Based Learning
Darragh Wynne	Sustainability Coordinator
Paul Coburn	Contracts Management
Barry Coleman	Contracts/Data/Procurement
Ambarnil Gosh	IPNC Flexible Learning
Teresa O'Hara	Green Campus
Derek Blackweir	TUS Tipperary – Innovation & Enterprise Manager
Michael Lonergan	TUS Athlone Enterprise Manager
Shane Malone	President's Office

Appendix C - Building Stock Plan

Location	Building Title (including buildings occupied in 2025)	Tenancy of the Building (Owned/Rented/PPP)	Name of Landlord/Agent Responsible (e.g. OPW etc)	Ranking Based on SEU's - 2024
Moylish Campus	Moylish Main Building	Owned	TUS	1
	Hartnett Enterprise Acceleration Centre (HEAC)	Owned	TUS	
	Block 12	Owned	TUS	
	Block 14	Owned	TUS	
	Sports Hub	Owned	TUS	15
	Block 13	Owned	TUS	24
	Block 15	Owned	TUS	14
	Sports Pitches	Owned	TUS	22
Coonagh Campus	Coonagh Main Building	Owned	TUS	9
Clare street Campus	Main Building	Owned	TUS	3
	Mary crest	Owned	TUS	
	Merimman House	Leased	Graigue Holding Ltd.	18
George's Quay Campus	Main Building	Owned	TUS	12
	Storage Building	Owned	TUS	25
Clonmel Campus	Main Building	Owned	TUS	10
	Students union prefab	Owned	TUS	
	Sports Hub Facility building	Owned	TUS	
	Sports Hub Tower building	Owned	TUS	
Clonmel	Questum Acceleration Centre	Owned	TUS	17
Thurles Campus	Main Building	Owned	TUS	5
	Sports lab	Owned	TUS	
	Modular building	Owned	TUS	
Ennis Campus	Bindon street	Leased	Clare County Council	20
Athlone Main Campus	Main University Building	Owned	TUS	2
	Hospitality, Tourism & Leisure Building (HTL)	Owned	TUS	
	Energy Centre & Goods Inwards	Owned	TUS	
	John Count McCormack Centre	Owned	TUS	
	Engineering & Informatics Building	Owned	TUS	4
	International Arena	Owned	TUS	8
	Applied Polymer Technology Building	Owned	TUS	16
	Auburn 1 Building	Owned	TUS	21

	Mary Ward Centre of Science	PPP	Enbarr	11
Athlone East Campus	Trades Building & Post Graduate Research Hub	Owned	TUS	6
	Midlands Innovation & Research Centre	Owned	TUS	19
	Nursing & Health Sciences Building	Owned	TUS	13
Northgate Street	Northgate Street Building	Leased	Westmeath Co. Co.	26
Blyry	Warehouse	Leased	Independent Trustee Company Limited as Trustees of Investment Trust of Harmony Court, Harmony Road, Dublin.	27
TUS Athlone	Misc. - Street Lighting / Pitch Lighting, PV, EV etc.	N/A	N/A	7
TUS Athlone	Road Diesel	N/A	N/A	23

Athlone
Clonmel
Ennis
Limerick
Thurles