

**Bord Oideachais agus Oiliúna  
Chabháin agus Mhuineacháin**

**Cavan and Monaghan Education and  
Training Board**

# **Public Sector Climate Action Mandate (PSCAM) Roadmap**

## **September 2025**

Cumhachtú trí Fhoghlaim agus dul chun cinn do  
Chách

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Empowerment through Learning and  
Progression for All

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## Executive Summary

### Our Targets

The Public Sector Climate Action Mandate 2025 sets emission reduction and energy efficiency targets for public bodies:

- Reduce GHG emissions by 51% in 2030.
- Increase the improvement in energy efficiency in the public sector from the 33% target in 2020 to 50% by 2030.
- Update Climate Action Roadmaps annually in line with updated Public Sector Climate Action Mandate within six months of the publication of the Climate Action Plan.

### Progress to Date

- As at the end of 2024 and in comparison, with the relevant 2016-18 baseline figures:
  - CMETB's total CO2 emissions were reduced by 27.2%
  - CMETB's fossil CO2 was 4.2% above the baseline and
  - CMETB's energy performance improved by 34.6%
- As at the end of 2024, CMETB **had the fifth best performance** out of all the 16 ETBs.
- CMETB continues to utilise and progress many projects and funding streams such as:
  - FET - College of the Future project,
  - Minor Capital Work projects,
  - Pathfinder programme, and Schools - Photovoltaic panels,
  - Energy Pathfinder Programme 2025/26 – Biomass Decarbonisation,
  - Climate Action Summer Works Scheme 2025.

## Our People

- CMETB's Chief Executive, Senior Management Team and Board have pledged full and total commitment to delivering CMETB's Climate Action Roadmap.
- CMETB currently has 26 Green Teams established (11 Schools, 6 Youthreach, 2 Admin, 3 Adult Education, 1 Further Education and Training, 1 Outdoor Education and Training Centre and 2 Institutes).
- CMETB plans to review their Climate Action Steering Committee and put in place a new cross-sectoral Climate Action Team in 2025. This will be chaired by CMETB'S Energy Performance Officer (Director of Organisation Support and Development (OSD)). Members will consist of key decision makers including Director of Schools and Director of FET (or senior staff members nominated by Directors), Energy Officer (Co-Ordinator of Green Team meetings for CMETB's Schools, FET and Admin), Assistant Principal Officer (APO) for Property, Capital and Procurement, and Section Heads for Property, Capital, Procurement, and IT departments.

## Our way of working

SEAI Critical Success Factors Review in 2025 gave CMETB an overall Energy Decarbonisation Leadership score of 54%. This was an improvement from the 2024 review.

## Our Buildings and Vehicles

- Buildings Register and Building Stock Plan (BSP) are updated annually as part of the process of completing the Monitoring and Reporting (M&R) return on the SEAI M&R system. These documents outline all CMETB's buildings (owned and leased) and the status of each building with regards to age, size, fuel type, energy and carbon usage.
- CMETB has a very small number of vehicles across the organisation. To facilitate the use of electric vehicles, CMETB will endeavour to secure funding for the installation of charging points at our Schools and Centre's for staff, student, learner and visitor use.

## Conclusion

CMETB Climate Action Roadmap demonstrates that the actions taken to date have had a positive impact and have helped the organisation to reduce its overall CO<sub>2</sub> emissions and improve its energy efficiency. The Roadmap will continue to provide a clear pathway and actions necessary to meet the mandate requirements and deliver on its energy efficiency and emissions reduction targets for 2030 and 2050.

# 1 Introduction

This Roadmap document sets out how Cavan and Monaghan Education and Training Board (CMETB) aims to meet the requirements of the Climate Action Mandate 2025 and reach its 2030 carbon and energy efficiency targets. CMETB's Chief Executive, Senior Management Team and Board have pledged full and total commitment to delivering this Roadmap. The active participation and co-operation of all staff, students and learners at CMETB will be paramount in the implementation of this climate action roadmap. This roadmap will be updated annually within six months of the publication of the Climate Action Plan which includes the Public Sector Climate Action Mandate.

CMETB is committed to working with the Department of Education and Youth (DEY), Department of Further and Higher Education, Research, Innovation and Science (DFHERIS), SOLAS and the Sustainable Energy Authority of Ireland (SEAI), to identify and modernise its physical infrastructure and develop new programmes and practices which will ultimately contribute to the Governments attainment of the climate action targets to reduce Ireland's greenhouse gas emissions by 51% by 2030 (and reaching climate neutrality by no later than 2050) and improve energy efficiency in the public sector by 50% by 2030.

## 1.1 The Organisation

(CMETB) is a local, statutory, education and training authority established under the Education and Training Boards Act, 2013. It is governed by a Board and has responsibility for education and training, youth work and a range of other statutory functions. It manages and operates post-primary schools, further education colleges, community special school, and a range of adult and further education centres delivering education and training programmes

CMETB's headquarters are in Monaghan town, with a sub-office in Cavan town. CMETB provides education and training services to a population of 137,562 across the two counties, while also working with employers to anticipate and address workforce needs. CMETB is a significant employer within the region, with a total staff in excess of 1,710 full time and part time staff.





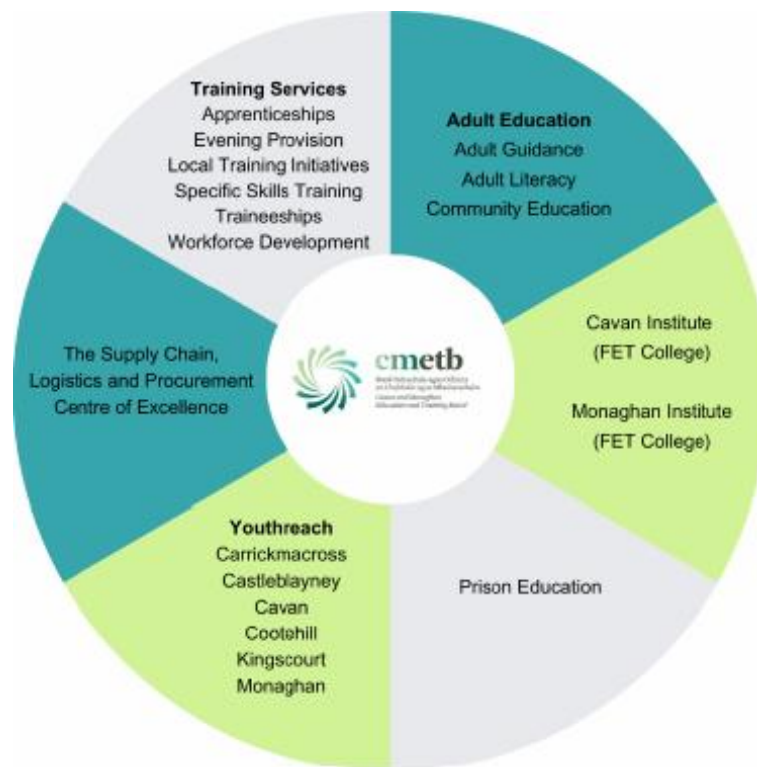


Figure 3: Overview of CMETB FET Services

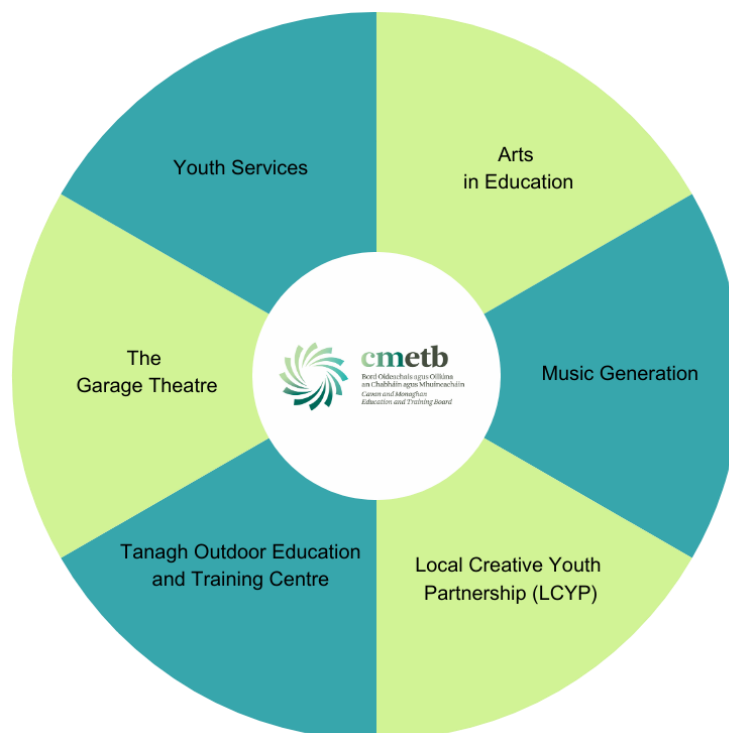


Figure 4: Overview of wider CMETB Services

## 1.2 Progress to Date

As at the end of 2024 and in comparison, with the relevant 2016-18 baseline figures:

- CMETB's total CO2 emissions were reduced by 27.2%
- CMETB's fossil CO2 emissions were 4.2% above the baseline and
- CMETB's energy performance improved by 34.6%

Graphs demonstrating the above are in Appendix 3.

*Table 1: Progress to date in CMETB*

Project	Progress
<b>FET - College of the Future project</b>	CMETB are working closely with SOLAS to progress the <b>College of the Future project</b> . CMETB received approval in December 2024 for the proposal in principle to proceed through Approval Gate 1 (AG1) to the next stage of the Infrastructure Guidelines (IG): Pre-tender - Project Design, Planning and Procurement Strategy stage.
<b>FET - Minor Capital Work</b>	CMETB are working closely with SOLAS to maximise recently approved <b>Minor Capital Work funding</b> to plan and deliver energy retrofit works at their FET Campus, Cavan and Tanagh Outdoor Education and Training Centre.
<b>FET - Pathfinder programme</b>	CMETB submitted a proposal for a full retrofit of the current Cavan Institute building on Cathedral Road under the <b>Pathfinder programme</b> and is currently being reviewed by SOLAS. This building is currently the highest oil user within the CMETB FET estate.
<b>Schools Photovoltaic panels</b>	<b>Installation of 6kWh</b> Photovoltaic panels in eight approved Schools under the Department of Education's Schools Photovoltaic Programme. The installation is completed as of July 2025.
<b>Schools Energy Pathfinder Programme 2025/26 - Biomass Decarbonisation</b>	<b>Two of CMETB's Schools</b> - Breifne College, Cavan and Beech Hill College, Monaghan have been selected to be included under the <b>Schools Energy Pathfinder Programme 2025/26 - Biomass Decarbonisation</b> . CMETB will lead out on this project in 2025 on behalf of its own ETB schools and four non-ETB schools. Approved installations due to take place in 2026 and 2027.
<b>SI426 Energy Audits.</b>	<b>12 SI426 Energy Audits</b> have been carried out to date. (Five Schools and seven FET Centres)

<b>Consultants - Energy Retrofit works</b>	<b>Procured Consultants to assist with the delivery of Energy Retrofit works</b> under the Green Devolved Grant for our FET owned properties.
<b>Leased Properties</b>	CMETB entered a new lease for a <b>Training Facility</b> in Monaghan town in January 2025 with an A3 BER rating.
<b>Energy Consultancy Services</b>	CMETB carrying out the <b>Procurement of Energy Consultancy Services</b> on behalf of all 16 ETB's.
<b>Schools - Climate Action Summer Works Scheme 2025</b>	<b>Procured Consultants</b> to assist in the application process under the <b>Climate Action Summer Works Scheme 2025</b> . One application per ETB school (10 Schools) have been submitted to the Department for consideration.
<b>Department of Education and Youth - survey on all post primary schools.</b>	DEY carried out a survey on all post primary schools. CMETB assisted them by gathering up the relevant information and facilitating site visits
<b>Green Teams</b>	<p><b>Green Teams</b> have been formed in all Schools and Centres within CMETB with the main objectives to influence colleagues to commit to working and living sustainably and to influence decision making in public sector bodies so that climate; and environmental criteria are to the fore.</p> <p>The Green Teams are primarily focused on energy targets and reducing use where possible. All School are registered with Green Schools.</p> <p>Nine CMETB Schools are in the process of applying for new or additional flags under the following categories: Biodiversity, Energy, Litter, Waste, Water and Travel.</p> <p>The following actions are suggested to each School/Centre Green Team:</p> <ul style="list-style-type: none"> <li>• Adjusting heating set points to 19 degrees Celsius</li> <li>• Hot water set to 65 degrees Celsius.</li> <li>• Adjusting heating schedules to reflect core hours and ensuring heat is not in use during weekends or holidays.</li> <li>• Switching off computer equipment and lights in classrooms and offices when not in use.</li> <li>• Department of Climate, Energy and the Environment (DECC) - Reduce your use campaign - Winter 2024/2025, CMETB continue to focus on reducing use across the whole year.</li> </ul>

<b>Climate Action and Sustainable Development – Leaving Certificate Subject</b>	<p>Climate Action and Sustainable Development Leaving Certificate subject will be available in Breifne College, Cavan from September 2025. This is currently being piloted by the DEY nationally across 43 Schools.</p> <p>1. This subject aims to equip students with the knowledge and skills to address climate change and promote sustainability, including understanding climate science, environmental impact, and potential solutions. The curriculum will be structured around four key strands: Earth and Planet, People, Power and Place, Global Connections, and Applied Learning Tasks.</p>
<b>Monitoring – Energy Usage</b>	<p><b>Monitoring - Energy Usage.</b> CMETB's Energy Officer is engaging with Horizon Energy Group (HEG) with regards to reviewing electricity rates, tariffs etc for each of electricity bills across the organisation to ensure that these are correct and appropriate to each location. For our locations that do not have meters that are read directly by ESB Networks, we ensure that each location sends in a manual bimonthly reading to our electricity provider so that we are not receiving estimated bills.</p> <p>CMETB will continue to continue to maximise funding streams to progress with BER's to provide an indication of the predicted energy performance of our buildings or DEC's with regards to our buildings with total useful floor area over 250m2. We will request Landlords provide either certification for buildings that we lease.</p>
<b>Climate Action Steering Committee</b>	<p>CMETB plan to review their <b>Climate Action Steering Committee</b> and put in place a new cross-sectoral Climate Action Team in 2025. This will be chaired by our Director of OSD. Members will consist of key decision makers including Director of Schools, Director of FET (or Senior staff members nominated by Directors), Energy Officer (Co-ordinator and facilitator of Green Team meetings for CMETB's Schools, FET and Admin), APO for Property, Capital and Procurement, and Section Heads for Property, Capital, Procurement, and IT departments.</p>
<b>Climate Action Plan</b>	<p>CMETB have a <b>Climate Action Plan</b> in place.</p>
<b>A Sustainability Champion, Energy Performance Officer and an Energy Officer</b>	<p><b>A Sustainability Champion, Energy Performance Officer and an Energy Officer</b> were appointed in Q1 2023.</p>

<b>Energy Policy</b>	CMETB developed an <b>Energy Policy</b> for the organisation in 2023 and as per the Schools Sector Climate Action Mandate, all Schools will carry out a Sustainability Self-Assessment and in turn develop their own Sustainability Policy Statement as per DEY Guidelines. 6 of our 11 have developed their Sustainability Policy Statement, the remaining five Schools will be developed in 2025.
<b>Gap to Target (Register of opportunities)</b>	<p>CMETB have created a <b>register of opportunities</b> in the form of our gap to target which lists energy saving and carbon reduction recommendations from previous SI426 Energy audits. We have updated the gap to target tool with Energy Audits that were carried out in Q4 2024.</p> <p>CMETB have identified the top carbon users that would require a full retrofit to enable us to reach our 2030 targets. CMETB will ensure the top carbon users shall be put forward for any Pathfinders Programme in the future.</p>
<b>SEAI Monitoring and Reporting system</b>	CMETB continue to submit a report annually (including Statement of Compliance) to SEAI via the <b>Monitoring and Reporting tool</b> and will continue to analyse the review performance with the assistance of our Project Support Manager (PSM) Michael Doyle from SEAI. CMETB have renewed our partnership with SEAI and will continue to build our partnership arrangement to help support our decarbonisation journey and ensure proactive management of our energy and utilities.
<b>Land Dedication</b>	CMETB agreed to dedicate and to allow and permit Cavan County Council to take 125.10 m2 of its land, at the road frontage of the FET Campus, in the townland of Pollamore Far Co Cavan for the purpose of the installation of a bus stop, footpath and a raised cycleway as part of a safety and pavement scheme along the N3. This in turn will support CMETB's Smarter Travel Mark applications.
<b>REPower EU - Energy Inventory Profile Survey of Primary and Post Primary Schools</b>	REPower EU - Energy Inventory Profile Survey of Primary and Post Primary Schools – participating in the Department of Education's and Youth national energy inventory profile of all Primary and Post Primary education buildings in Ireland, DEY is establishing a national energy profile of all schools. Completion of the energy inventory profile of all schools to establish the energy base line of the school estate, is a prerequisite to identifying and targeting decarbonisation and energy efficiency investment.
<b>Striving to meet the Climate Action Mandate</b>	CMETB continue to strive to meet and deliver Climate Action Mandate requirements. Section 5 and 6 of this Roadmap refers.

## 2 Our People – Leadership and Governance

### 2.1 Statement demonstrating senior management commitment

CMETB's Chief Executive, Senior Management Team and Board have pledged full and total commitment to delivering CMETB's Climate Action Roadmap. An APO for Property Capital and Procurement was appointed in November 2024 to help oversee the climate initiative and support CMETB's Climate and Sustainability Champion (Energy Performance Officer) and the Energy Officer who drives the initiative throughout the organisation.

### 2.2 Governance structure

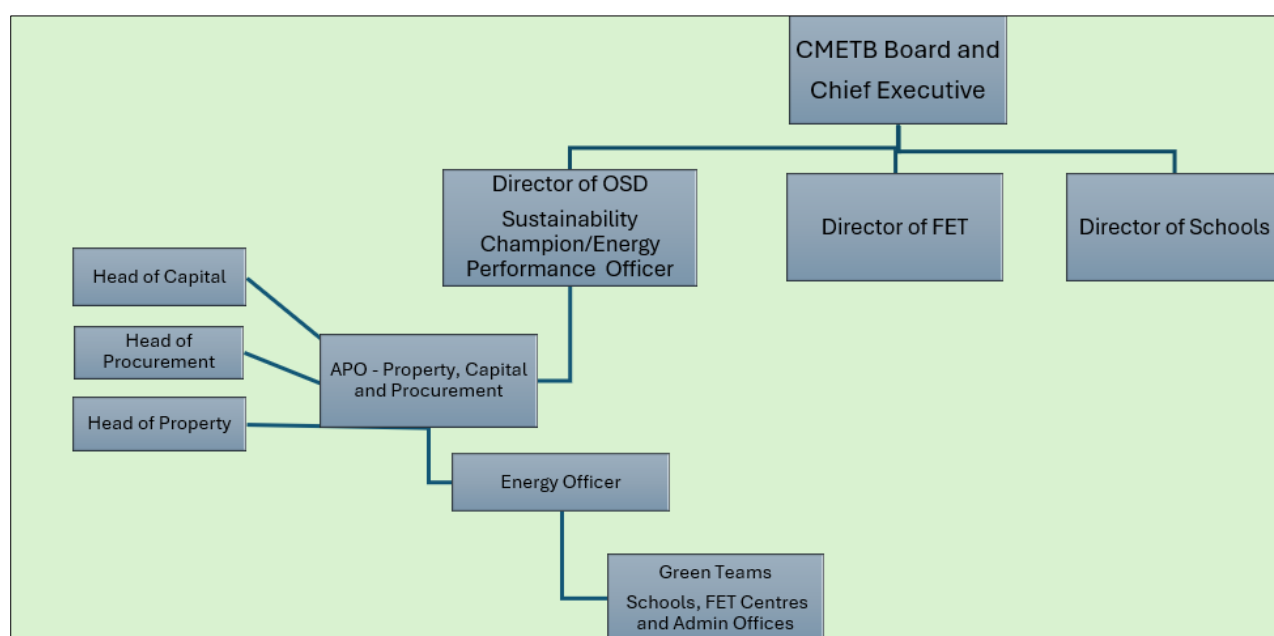


Figure 5: Outline of the governance structure in CMETB

CMETB have nominated the following member of the Management Board with responsibility for implementing and reporting on the Mandate.

Table 2: Details of Management Board member implementing the Mandate

Role	Name	Position
Climate and Sustainability Champion and Energy Performance Officer	Karen McBride	Director of Organisation Support and Development

CMETB have further demonstrated their steadfast commitment to Climate Action and Energy Management with a dedicated Energy Officer in place for the organisation.

*Table 3: Details of CMETB Energy Officer*

Role	Name	Position
Energy Officer	Averil Hayes	Senior Staff Officer, Corporate Services

### **2.3 Climate Action Steering Committee**

CMETB plan to review their Climate Action Steering Committee and put in place a new cross-sectoral Climate Action Team in 2025. This will be chaired by the Director of OSD. Members will consist of key decision makers including Director of Schools, Director of FET (or Senior staff members nominated by Directors), Energy Officer (Co-Ordinator and facilitator of Green Team meetings for CMETB's Schools, FET and Admin), APO for Property, Capital and Procurement, and Section Heads for Property, Capital, Procurement, and IT departments.

### **2.4 Green Teams**

CMETB currently has 26 Green Teams established (11 Schools, 6 Youthreach, 2 Admin, 3 Adult Education, 1 Further Education and Training, 1 Outdoor Education and Training Centre and 2 Institutes). Green coordinator's/Sustainability Champions are listed in Appendix 1.

Two group meetings are held quarterly, one for Schools Green Teams and one for FET/Admin Green Teams. CMETB's Energy Officer (EO) continues to Chair and co-ordinate these quarterly Green Team meetings. The EO is currently engaging with all School Green Teams to ensure that a Sustainability Policy and a Green Teams Charter are in place for each School. The EO also attends and presents at the Principals meetings on a quarterly basis (on request) and continues to provide guidance and support across the organisation.

### **3 Our People – Engaging our Staff**

#### **3.1 Staff Training Plans**

CMETB hold a “Green Day” annually to raise awareness among staff, students and learners to keep our commitment to Climate Action and Energy Management relevant and consistent. Schools and Centre’s photograph their activities and upload these to social media on the day. Initiatives include planting trees, recycling, switch off campaigns, water usage and waste and so forth.

CMETB’s EO continues to communicate and remind all School and Centre staff of the importance of good behavioural practices regarding Climate Action and Energy Management, for example, turn off monitors, lights, heating and so forth, in rooms or offices not in use, through the implementation of DECC’s Reduce Your Use Scheme.

CMETB also used its Continuing Professional Development (CPD) day to highlight the progress to date in respect of our Climate Action journey.

Appendix 2 outlines all Climate Action and Energy Efficiency training; awareness campaigns held in 2024/2025 across the organisation.

#### **3.2 Training to date**

CMETB commenced Climate Action Leadership training for Senior Management via IPA’s online portal in Q3 2024 and this training will be completed by Q4 2025.

To date a total of 1,455 participants (staff and learner) have completed the “SOLAS eCollege Energy and You, Reduce your Use” course.

New members to our Green Teams will complete the SEAI Energy in Education Workshops in Autumn 2025/Spring 2026. CMETB also encourage Principal’s, Deputy Principals and Centre Managers to enrol on this course if not already completed.

CMETB will continue to utilise any other relevant training that becomes available via SEAI Energy Link or other relevant avenues.



## 4 Our Targets

The Public Sector Climate Action Mandate 2024 sets emission reduction and energy efficiency targets for public bodies:

- Reduce GHG emissions by 51% in 2030.
- Increase the improvement in energy efficiency in the public sector from the 33% target in 2020 to 50% by 2030.
- Update Climate Action Roadmaps annually in line with updated Public Sector Climate Action Mandate within six months of the publication of the Climate Action Plan.

CMETB are committed to complying with the following guidance documents/mandate which are fundamental in CMETB achieving the targets set out for 2030 and in turn the 2050 targets.

1. Public Sector Climate Action Plan 2025 (CAP 25) (with mandate).
2. Public Sector Climate Action Strategy (2023-2025).
3. School Sector Technical Climate Action Roadmap 2023 to 2030 “Making the Transition to Net Zero in Our Schools.”
4. SEAI Public Sector Bodies Climate Action Roadmaps Guidance 2025.
5. Green Public Procurement Strategy and Action Plan 2024-2027.
- 6 Climate Action and Low Carbon Act 2021 Section 15(1).

As per the Public Sector Climate Action Mandate 2025 published in CAP25, CMETB will continue to show leadership in climate action. Through this Roadmap CMETB will demonstrate the required actions necessary to encourage strategic vision, coordination, organisation, mobilisation, and planning. This Roadmap sets out the progress achieved to date, energy efficiency efforts underway, and future projects necessary for CMETB to meet the targets outlined in Climate Action Plan 2025.

#### **4.1 Achieving the energy related carbon emissions reduction targets (51% reduction by 2030)**

CMETB plan to meet our 2030 energy related carbon emissions targets through retrofitting our buildings and divesting energy inefficient buildings from our leased property portfolio. All proposed projects are outlined and contained within CMETB's Gap to Target tool. Our proposal is subject to funding availability from DEY DFHERIS and SOLAS.

CMETB are aware of the legal requirements relating to energy and climate action including the requirement that the public sector can only lease or buy buildings with Building Energy Rating (BER) A3 or higher and CMETB continues to plan for compliance in our Roadmap.

CMETB's Climate and Sustainability Champion will continue to confirm, via the SEAI M&R, if Mandate actions are complete or incomplete and to provide additional information ("comply and explain" approach). CMETB completed the Climate Action Statement of Compliance for 2024 via the SEAI M&R system.

Appendix 3 contains graphs of various emissions analysis for CMETB. These were extracted from the SEAI M&R online system (using the latest data available being 2024 figures) and the SEAI gap to target tool.

#### **4.2 Gap to Target**

The following recommendations, analysis and support tools have informed CMETB's Gap to Target analysis and have guided CMETB to close the gap in order to meet the 2030 targets. The delivery of such recommendations and proposals will be subject to funding availability from DEY, DFHERIS and SOLAS.

- **SI426 Energy Audit recommendations** for the following FET and School properties are incorporated as proposed actions within the gap to target tool.
  - FET campus
  - Monaghan Youthreach
  - Cavan Institute, Cathedral Road
  - Cavan Youthreach
  - Monaghan Institute
  - Ballybay Community College

- Beech Hill College
  - Inver College
  - St. Bricin's College
  - St. Mogue's College
  - Castleblayney Youthreach
  - Tanagh OETC
- The SI426 Energy Audits also recommended the retrofitting of all CMETB Schools/FET Centre's that currently use **Heating Oil** and replace with heat pumps and associated retrofits.
  - **The reduction in energy usage from the installation of 6kWh Photovoltaic (PV) in 2025.** 6kWh panels have been installed in each of the eight approved Schools under the Department of Education's Schools Photovoltaic Programme.
  - **The reduction in carbon usage from the proposed installation of biomass systems.** CMETB received confirmation from the DEY that two CMETB Schools, Breifne College, Cavan and Beech Hill College, Monaghan have been selected under the Schools Energy Pathfinder Programme 2025/26 - Biomass Decarbonisation. CMETB will lead out on one of the project bundles in 2025, with approved installations taking place in 2026 and 2027.
  - **College of the Future project – Cavan Institute, Cathedral Road** - CMETB are currently working with SOLAS with regards the recently approved - proposal in principle - College of the Future project.
  - **Full retrofit of the current Cavan Institute building on Cathedral Road** - A proposal has been submitted under the Pathfinder programme and is currently being reviewed by SOLAS. This building is currently the highest oil user within the CMETB FET estate.

- **The increase in emissions identified** through our M&R system from the inclusion of buildings and building extensions to our building stock to accommodate School and FET requirements.
- **The decrease in emissions identified** through our M&R system from the removal of buildings from our building stock, building improvements from retrofit works and behavioral changes across the organisation.
- **Buildings Register and Building Stock Plan (BSP)** - These documents outline all our buildings, owned and leased and the status of each building with regards to age, size, fuel type, energy, and carbon usage.
  - CMETB's BR and BSP are updated annually as part of the process of completing the Monitoring and Reporting return on the SEAI M&R system. Note – it is a requirement to update the BSP every two years in line with the Climate Action Mandate.

#### **4.3 Achieving the energy efficiency target (50% improvement by 2030)**

CMETB plans to meet our 2030 energy efficiency targets through technical and behavioral changes and improvements through Green Teams, Reduce Your Use campaign and consistent communications between the EO and CMETB schools/FET Centre's and Admin. In 2024 energy performance improved by 34.6% compared to the 2016-18 baseline.

#### **4.4 CMETB's proposed actions to achieve the energy efficiency and related carbon target**

CMETBs proposal for energy related greenhouse gas emission reduction activities are outlined below. CMETB commit to utilising all available Pathfinder/FET Devolved Capital/Grants and other funding streams to achieve this and will continue to explore all available opportunities to deliver same.

Table 4: Proposed Actions to achieve energy efficiency and related carbon target

No.	Target
1.	Retrofit all CMETB schools/FET Centre's that currently use Heating Oil/LPG and Natural Gas and replace with heat pumps and associated retrofit (Appendix 4 – Table 5 (Schools) and Table 6 (FET Centre's) show current oil/LPG and Natural Gas consumption in 2024 alongside potential savings in KgCO <sub>2</sub> /yr).
2.	<p>Retrofit all CMETB FET owned buildings:</p> <ul style="list-style-type: none"> <li>• Cavan Institute, Cathedral Road</li> <li>• FET Campus, Cavan</li> <li>• Tanagh OETC</li> <li>• Monaghan Institute</li> </ul> <p>Note: The type of retrofit works will be informed by top carbon and energy users.</p>
3.	Utilise SI426 Energy Audit recommendations so that CMETB can be project ready and can utilise available funding streams. New and additional funding streams will also be explored.
4.	Carry out SI426 Energy Audits on the remaining CMETB owned buildings over 2025/2026 to ascertain the key areas where energy savings and carbon emissions can be targeted.
5.	Avail of the Climate Action Summer Works Scheme 2025 to submit applications for 10 Schools under scheme. ETB's will be notified in Q4 2025 of successful applications.
6.	Continue to promote good Energy Management across CMETB to reduce energy usage through good energy usage behavioural practices. This accounts for a 5% reduction per utility in energy usage in our Gap to Target. Please see Appendix 4 – Table 7 – for Energy Management analysis for Schools and FET/Admin.
7.	<p>CMETB will continue to review any paper-based processes and evaluate the possibilities for digitisation, so it becomes the default approach. SharePoint is in use across the organisation; this has significantly reduced the requirement for printing.</p> <p>CMETB has moved their process for teacher interviewing to an online process in turn reducing the need for teachers to travel to Head Office saving both time and emissions. In 2023 over 200 teacher interviews were carried out via MS Teams.</p>
8.	CMETB will continue operating a hybrid working model (in place since Q3 2022 for some administrative staff), with a requirement for staff to attend the office three days per week. Many staff members have therefore seen a reduction in their weekly commutes, and a concomitant decrease in emissions associated with such activities.
9.	Section 5 and 6 of this Roadmap provide specific CMETB actions to meet the relevant mandate requirements in respect to CMETB'S Way of Working, Buildings and Vehicles

## 5 Our Way of Working

### 5.1 Energy and environmental management systems

An annual Critical Success Factors Review was undertaken in June 2025 by CMETB's SEAI Project Support Manager (PSM). This assessed CMETB's status with regards to the areas of Strategy, Energy Management, Project Pipeline and Energy Performance. The review identified key gaps and key actions and gave CMETB an overall Energy Decarbonisation Leadership score of 54%, based on the average of the following four percentages. This was an improvement on the 2024 review.

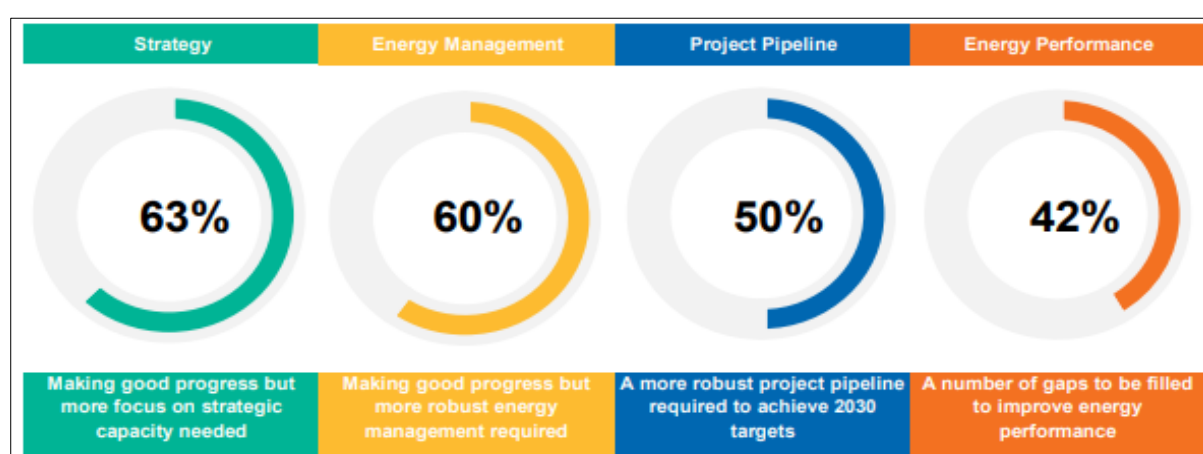


Figure 6: Results of CMETB Critical Success Factors Review

CMETB continues to utilise Exemplar Energy Management Supports in the form of:

- Energy Academy - Workshops: 3 x ½ day Energy MAP course
- Online briefings Partnership 2030
- Dedicated Support Manager
- Energy Link Website
- SEAI – Support for Business and the Public Sector

Using SEAI's Public Sector Monitoring and Reporting System, CMETB will continue to report annually on implementation of the individual mandate requirements. The EPO will present it to Senior Management on a quarterly basis.

### 5.2 Annual Report

CMETB will continue to report on the following in their Annual Report as required under the mandate contained in the Climate Action Plan 2025.

- GHG emissions (and comparison to 2016-18 baseline as per M&R).
- Implementation of the mandate (and most recent progress).
- Sustainability activities report (A report of sustainability activities undertaken by the organisation within the last year; public bodies can include relevant sustainability activities that do not fall strictly within the requirements of the Mandate).
- Compliance with Circular 0001/2020: Procedures for offsetting the emissions associated with official air travel (where applicable).

### **5.3 Monitoring and Reporting System and Statement of Compliance**

CMETB will continue to use the SEAI's Public Sector M&R System, to report annually (including Statement of Compliance) on implementation of the individual mandate requirements using a "comply and explain" approach.

### **5.4 Green Public Procurement**

CMETB reference on an ongoing basis, the Governments Green Public Procurement – Guidance for the Public Sector as we are cognisant that Ireland has committed to implementing green public procurement (GPP) in all tenders using public funds.

Green Public Procurement Strategy and Action Plan Buying Greener: 2024-2027. CMETB will actively promote the use of GPP Criteria Search within the organisation and will ensure this commitment is included in their Corporate Procurement Plans. CMETB also acknowledges the objectives of the GPP Strategy with regards to our transition to a sustainable, circular and low carbon economy.

CMETB's Procurement Department works to promote a sustainable approach to procurement activities in terms of environmental concerns. The Procurement Department currently incorporates environmental sustainability in Procurement using the following methods:

- Most Economically Advantageous Tender – incorporate award criteria with regards to GPP. The appropriate scope and weighting for this criterion will vary depending on the nature of the tender and consideration is given to determine the appropriate weighting.

- Selection Criteria – tenderers must confirm the operation of an appropriate environmental management system.
- Specifications – include requirements within the specification that will reduce environmental impact.

CMETB have and will continue to reference the GPP search engine which assists with GPP criteria covering the following eleven priority sectors:

 Road transport vehicles and services	 Indoor and outdoor lighting (including road lighting and traffic signals)
 ICT products and services (including data centres)	 Heating equipment (including cogeneration, trigeneration and heat pumps)
 Food and catering services	 Energy-related products (white goods/appliances, electronic displays, vacuum cleaners)
 Cleaning products and services	 Paper products and printing services
 Building design, construction and management (due to be updated in 2024/5)	 Textile products and services (including uniforms and laundry services)
 Furniture and related services (new criteria set published in 2024)	

CMETB Procurement Department are committed in supporting and developing Green Public Procurement as this is a vital role in Ireland's move to a greener economy. The GPP measures that the Procurement Department endeavour to implement are as follows:

- GPP Staff Training (where necessary) will be provided in 2025/2026.
- CMETB are committed to adhering to the new Circular 0017/2025: Updated Green Public Procurement Instructions for Public Sector Bodies which replaces Circular 0020/2019: Promoting the use of Environmental and Social Considerations in Public Procurement.
- Continue to work on the reduction of single use plastics such as cups, and cutlery within our canteens.
- Monitor waste management contracts in terms of current regulations.
- Propose to incorporate GPP procedures/guidelines within our Procurement Procedures document. This document is currently being reviewed, and we envisage implementation of same by Q4 2025.



- Where operationally feasible and subject to funding availability, the Procurement Department will procure vehicle/vehicles that meet CAP25 target for purchase of zero emission vehicles, as well as the minimum targets set out by SI381/2021 Clean Vehicles Directive.
- Consider relevant GPP actions at each stage of the tender process, diagram below:



Figure 7: Green public procurement actions for stages of the tender process

## 5.5 Construction

CMETB acknowledge that the DEY are preparing a Practice Note on lower carbon cement/concrete for publication (Green Public Procurement Strategy and Action Plan Buying Greener: 2024-2027)

In 2024, CMETB circulated correspondence from the Minister for the Department of Enterprise, Trade and Employment to all our Design Teams regarding the use of low carbon construction methods including

- specifications with associated timelines in respect of Whole Life-Cycle Greenhouse Gas Emissions assessment.

- requirements for Environmental Product Declaration to an EN 15804 standard or equivalent when directly procuring cement or concrete products; and
- the requirement not to procure high-carbon CEM 1 cement products except where a technical justification is made by a suitably qualified professional to the satisfaction of the procurer.

The majority of schools have comprised concrete construction. Our concrete specification recommends up to 70% GGBS (Ground Granulated Blast Furnace Slag). This is a low carbon cement replacement product. Hopefully in the future we can explore more low carbon construction methods such as mass timber, but this will be subject to DEY approval.

A detailed Construction Waste Management Plan (CWMP) is prepared in line with 'Best Practice Guidelines on the Preparation of Waste Management Plans for Construction & Demolition Projects' (DoEHLG, 2006) in advance of construction works commencing.

CMETB ensures that new construction, retrofit, and refurbishment projects incorporate a minimum proportion of recycled and reused materials wherever feasible, in line with the Government's Climate Action Plan and the forthcoming Whole-of-Government Circular Economy Strategy (2025). Practical implementation examples include:

- The reuse of existing boundary fencing has been used on a school project eliminating the need for new materials in the extension project.
- The retention and reuse of part of the existing buildings have also been used on a school project, reducing the volume of new construction and preserving embedded carbon from previous build phases.
- Steel reinforcement used on all projects has a recycled content of approximately 95%.
- Site own material has been reused in so far as possible throughout the site on another School project.

CMETB actively engages with the Circularity Roadmap for the Construction Sector, ensuring that upcoming capital projects are informed by national guidance on material reuse, lifecycle efficiency, and resource circularity. Furthermore, (GPP)

criteria are embedded within tender documentation, enabling the selection of contractors based not only on price and quality, but also on their sustainability credentials, use of recycled content, and adherence to circular construction practices.

CMETB Capital Department utilise the Office of Government Procurement (OGP) Capital Works Management Framework along with the DEY's Technical Guidance documents. The Departments Instruction to Tender documents state the candidates may obtain information regarding their obligations concerning environmental protection from the Environmental Protection Agency (EPA).

The School Sector Technical Climate Action Roadmap 2023 to 2030 approach to decarbonisation states the Department's primary goal under the School Building Programme is to build a modern and sustainable school infrastructure that provides a place in a safe and inspiring learning physical environment for all students, now and in the future.

As per the DEY School Sector Climate Action Mandate:

School Buildings - The Department will ensure that its school design guidance supports active travel arrangements including provision of secure and accessible bicycle parking and so forth. The school sector under the direction and guidance from the Planning and Building Unit will only install renewable heating systems in school buildings, except where one of the following exceptions applies:

- fossil-fuel use is provided for backup, peaking, or operational purposes (and makes up less than 10% of annual heating energy).
- fossil-fuel use is only provided as part of a decarbonisation strategy and to support a renewable heating system that maximises the capacity of the existing electrical infrastructure to the school (existing schools only). Over the course of 2023 the incorporation of the decarbonisation strategy for existing projects will result in the relevant phasing and transition arrangements being developed based on the most appropriate approach on a project-by-project basis.
- Where the replacement of existing fossil fuel heating is required for an emergency maintenance purpose.

CMETB as a public sector organisation recognises the Environmental Protection Agency's Best Practice Guidelines for the preparation of resource and waste management plans for construction and demolition projects and will endeavour to meet these guidelines in line with the DEY Technical Guidance Documents.

### **5.6 Organic Food**

This is a new mandate that requires that “a minimum of 10% by value (€) of food sought under new contract arrangements (including through contractors such as canteen service providers), is to be certified organic in each of the following categories of Cereals, fresh Beef, Lamb, Pork, Poultry, Fish, Vegetables and Dairy products, where possible”. CMETB has started to incorporate this requirement into new tenders.

### **5.7 Food Waste**

CMETB acknowledge and support the government's commitment to reduce food waste by 50% by 2030.

Request for Tender for Canteen Services addressed waste prevention and waste segregation. Some Schools and Centre's also have composting areas where food waste is deposited.

The majority of CMETB Schools that avail of schools meals are operating on a system whereby meals are portioned out in compostable containers before they reach the school so that there is little to no food waste. All new contracts related to canteen or food services will include measures targeted at addressing food waste whilst focusing on food waste prevention and waste segregation.

CMETB will continue to seek reports from their Waste Management provider with regards to measuring and monitoring food waste in Schools, FET Centres and Admin Offices.

### **5.8 ICT Equipment**

CMETB are supporting Ireland's Circular Economy Through Sustainable IT Procurement.

As part of CMETB ongoing commitment to a more sustainable and resource efficient future, the Circular Economy Strategy encourages public bodies to adopt procurement practices that reduce environmental impact and promote reuse.

In alignment with this, the EPA's recent (GPP) report has recommended an increased focus on incorporating green criteria in the procurement of ICT products and services, highlighting the important role of sustainable IT in achieving national environmental targets.

We have engaged with GreenIT who offer remanufactured notebooks, fully approved under the OGP Framework, which provide the same performance as new devices, while offering up to 80% reduction in carbon emissions, BSI Kitemark certification for quality and reliability

Approximately 30% cost savings compared to new equivalents. By choosing remanufactured IT, our organisation actively supports:

- The EPA's GPP recommendations.
- Ireland's Circular Economy Strategy.
- Reduced e-waste and resource use without compromising on quality.

Green procurement as a criterion in IT's tender documents, it is now a requirement to give a percentage weighting against the company's environmental qualifications. For example, our recent mobile phone tender included the recycling of redundant handsets.

The CMETB IT Department are progressing to decrease the server footprint by moving to the cloud, across all Schools and Centre's.

## **5.9 Paper**

CMETB only use recycled paper throughout the organisation as per instruction from the OGP (May 2024) and together with the introduction of a Managed Print system in Q1 2023 has significantly reduced the number of printers required across the organisation, paper wastage and printing volumes. CMETB's Managed Print devices are all rated Triple E on the SEAI register of products. CMETB are utilising the reports from our paper supplier and our Managed Print Supplier to monitor usage across the organisation and this also enables CMETB to compare usage year on year.

CMETB's used toner cartridges are put into our Supplier's Cartridge Recycling Programme. The cartridges undergo a comprehensive recycling process that recovers reusable parts and recycles parts that are unsuitable for re-use in the production process.

CMETB's Procurement Department generate monthly usage reports which are issued by our Managed Print Supplier. These reports are sent to the relevant managers within CMETB Schools, FET Centres, Admin Centres and they show usage per employees, number of black and white, colour pages printed, price per print and estimated cost for the month.

CMETB also have a shredding supplier that comes to Schools and Centres on monthly basis (or the School/Centre can contact the Supplier when required) to shred and recycle documents.

### **5.10 Water**

The majority of our Schools have mains fed water filling stations. Students use reusable bottles, and the water flow is activated by either sensor or foot pedal. This in turn eliminates water wastage and also the use of plastics. CMETB Admin Offices have filter taps installed in canteens for staff use.

CMETB have water refill points in locations that are accessed by the public, some refill points are water mains fed and some are large container dispensed water.

We will engage with Uisce Eireann with regards to measuring and monitoring CMETB's total water usage during 2025.

### **5.11 Single Use – Plastics**

Single use plastic has been reduced significantly in our buildings as the majority of staff and students use keep cups, reusable water bottles and fill at water-filling stations, filter taps. We will progressively liaise with our Green Teams and management to eliminate single use items and cease using disposable cups, plates and cutlery in our canteens and facilities, for in house events and events organised externally.

## **5.12 Other Materials**

The Climate Action Mandate states that public bodies must have contract waste collection services that are segregated into a minimum of three streams – residual/general waste, recycling waste and organic/biowaste and monitor weights collected. All CMETB Schools and Centre's have two streams and 20% of CMETB Schools and Centre's have three streams in place. Some Schools and Centre's also have composting areas where food waste is deposited so they don't require an organic waste bin. CMETB's EO will engage with relevant Schools and Centre's to ensure three streams are integrated, where relevant during 2025.

CMETB supports Ireland's Producer Responsibility Initiatives in the collection and recycling of products including the Deposit Return Scheme. In May 2025, CMETB's Energy Officer contacted Deposit Return Scheme Ireland CLG t/a Re-turn and arranged for a RE-turn bin to be sent out to all 11 Schools in CMETB.

## **6 Our Buildings and Vehicles**

### **6.1 Vehicles**

CMETB have 12 vehicles across the organisation (including 4 minibuses, 1 bus, 5 tractors, 1 van and 1 works vehicle). To facilitate the use of electric vehicles, CMETB will endeavour to secure funding for the installation of charging points at our Schools and Centre's for staff, student, learner, and visitor use.

#### **6.1.1 Promote the use of bicycles and shared mobility**

CMETB's are in the application process for the Smarter Travel Mark, which is currently being developed as part of the Sustainable Mobility Pathfinder Programme. We are using Cavan Institute and Monaghan Institute as the basis for this application under the guidance of the National Transport Authority and Transport For Ireland (TFI). The Smarter Travel Mark is a three-tier certification that recognises and celebrates organisations that support active and sustainable travel on the commute and beyond for their workforce, students, and visitors, resulting in a reduction in single-person car usage.

We have with the help of Cavan County Council been able to put a bike servicing station at Breifne College and we are liaising with both the council in Cavan and

Monaghan to have more of these stations located at our Schools to encourage students and staff to cycle to School where safe and possible.

Some of our buildings (Schools and Institutes) have bicycle repair facilities, bike racks and bus stop outside their buildings for school buses and Local Link services.

### **6.1.2 Phasing out parking**

CMETB Schools and Centre's are not serviced by adequate public transport therefore we are not in a position currently to phase out parking at these buildings. A local link bus stop has been erected adjacent to Cavan Institute for staff/learner use. Monaghan Institute have also installed a bus shelter at the Local Link bus stop located at the Monaghan Education Campus.

CMETB engage with Local Authorities and in 2025 agreed to dedicate and to allow and permit Cavan County Council to take 125.10 m<sup>2</sup> of its land, at the road frontage of the FET Campus, Cavan for the purpose of the installation of a bus stop, footpath and a raised cycleway as part of a safety and pavement scheme along the N3.

### **6.1.3 Procurement of zero emission vehicles**

CMETB will only procure, where feasible, zero-emission vehicles.

## **6.2 Buildings**

BR and BSP - CMETB submitted both documents to SEAI in Q3 2023 and Q1 2024 respectively. These are updated annually as part of the process of completing the M&R return on the SEAI M&R system. Note – it is a requirement to update the BSP every two years in line with the Climate Action Mandate.

These documents outline all our buildings, owned and leased and the status of each building with regards to age, size, fuel type, energy and carbon usage. Please see Appendix 5 for a list of CMETB properties.

### **6.2.1 Fossil fuel heating systems**

CMETB will not install heating systems that use fossil fuels after 2023, in (1) new buildings, and (2) “major renovation” retrofit projects (as defined in the Energy Performance of Buildings Directive (EPBD) unless at least one of the exceptions listed in the EPBD applies:

1. The fossil-fuel use is only through using electricity from the grid.



2. There is no technically viable non-fossil alternative (generally only related to applications for a purpose other than space heating).
3. The installation of a renewable space heating system would increase final CO2 emissions.
4. The fossil-fuel use is provided for backup, peaking, or operational purposes (and makes up less than 10% of annual heating energy).
5. Where the direct replacement of existing fossil fuel heating is required for an emergency maintenance purpose.

### **6.2.2 Display of Display Energy Certificates (if relevant)**

CMETB acknowledges this mandate requirement and will endeavour to meet its obligations.

### **6.2.3 Procurement of cleaning services**

CMETB's tender for the provision of cleaning services states that it is CMETB's policy to support an environmentally friendly approach to the disposal of waste materials throughout the supply chain. The cleaning provider will be required to carry out all works associated with this contract using methods which minimise the use of energy and water. The contracting authority prefers use of biodegradable or environmentally friendly chemicals.

Tenderers must put in place training to ensure that all staff involved in the delivery of the contract have the knowledge and skills to apply cleaning methods that will reduce the environmental impact of the services.

Initial training must be provided as part of induction at the start of the contract and to all new staff joining later. Refresher training should be provided whenever there is a change to operational procedures, specific issues arise, or improvement measures are adopted. Staff can provide feedback/commentary on the environmental measures under the contract and to suggest improvements.

### **6.2.4 Procurement of energy related products**

As per the Mandate, CMETB will endeavour to ensure that all tenders for the public procurement of energy-related products, heating equipment, or indoor and outdoor lighting include a requirement for tenderers to specify recommendations and options for the product, when the product or components of the product comes to the end of

life, that consider environmental sustainability, including options for reuse, repair, and recycling and also that comply with SI 626 of 2016 to procure Triple E registered products or equivalent.

## **7 Conclusion**

CMETB Climate Action Roadmap demonstrates that the actions taken to date have had a positive impact and have helped the organisation to reduce its overall CO2 emissions and improve its energy efficiency.

The Roadmap will continue to provide a clear vision and actions necessary to meet the mandate requirements and deliver on its energy efficiency and emissions reduction targets for 2030 and 2050.

CMETB's Chief Executive, Senior Management Team and Board have pledged full and total commitment to delivering this Roadmap.

The active participation and co-operation of all staff and students and learners at CMETB will be paramount in the implementation of this climate action roadmap.

This roadmap will be updated annually within six months of the publication of the Climate Action Plan which includes the Public Sector Climate Action Mandate.

## Appendix 1: Green Co-ordinator/Sustainability Champion

School Name	Green Teams Co-ordinator/Sustainability Champion
Ballybay Community College	Carol Rice
Beech Hill College	Patrick Kieran & Melanie Conlon
Breifne College	Bláithin Murphy
Castleblayney College	Melissa McManus
Coláiste Dún an Rí	Hugh Fitzpatrick
Coláiste Oiriall	Cathal Swinburn
Inver College	Brendan Lennon
Largy College	Geraldine Lyons & Emma Smith
St. Bricin's College	Aaron Rudden
St. Mogue's College	Tina Dolan & Aodhagain Brady
Virginia College	Colm Murphy

Centre Name	Green Teams Co-ordinator/Sustainability Champion
Adult Education – Ballyjamesduff	Linda Reade
Adult Education - Cavan	Linda Reade
Adult Education - Monaghan	Maureen Hughes
CMETB Head Office	Grainne Finnan
CMETB Cavan Admin Office	Yvonne Rudden
Cavan Institute	Cynthia Stewart
Monaghan Institute	Trina Marron
Further Education and Training Campus (FET)	Charlotte Dunne & John Wall
Carrickmacross Youthreach	Shane Tavey
Castleblayney Youthreach	David McAdam
Cavan Youthreach	Margie Gaynor
Cootehill Youthreach	Kevin Farrelly
Kingscourt Youthreach	Damien O'Brien
Monaghan Youthreach	Niall McCann
Garage Theatre	Eileen Costello
Tanagh Outdoor Education and Training Centre (TOETC)	Colleen Loughran

## Appendix 2: Climate Action and Energy Efficiency training and awareness campaigns

### CMETB Senior Management Team

Area of CMETB	Content	Timeline
Climate Action Senior Leadership Training	Climate Action Senior Leadership Training (IPA)	Q3 2024 – Q4 2025

### Climate Action Energy Officer

Area of CMETB	Content	Timeline
SEAI MAP Training	Building Register Clinic Public Sector Briefing on Building Stock Plan New SEAI M&R system training SEAI Grants briefing 2024 SEAI Carbon and Energy Basics SEAI Energy Metering	Q4 2024 / Q1 2025

### Admin Staff – Head Office and School/Centre Secretaries

Area of CMETB	Content	Timeline
CMETB holds CPD days annually for Admin Staff, this year the CPD day featured a presentation from CMETB's Director of OSD	Climate Action Roadmap Sustainability activities Climate Action and Energy Efficiency projects Funding DECC's Reduce Your Use Campaign 24/25	Q2 2025
DECC Reduce Your Use Campaign Winter 2024/2025	CMETB participated in the Reduce Your Use Winter Campaign 24/25 which ran from Oct 24 to March 25 covering the following themes: Heating/Lighting Shutdown of Appliance/Equipment Transport	Q4 2024 to Q1 2025
SOLAS eCollege "Energy and You" Reduce Your Use online course	Energy and Climate Change Lighting efficiency Home Energy challenge Electric Vehicles	Q2/Q3 2024/2025

## FET

Area of CMETB	Content	Timeline
SOLAS eCollege “Energy and You” Reduce Your Use online course  FET teaching and learning sessions continue to focus on addressing issues to make education practices more supported and sustainable.	Energy and Climate Change  Lighting efficiency  Home Energy challenge  Electric Vehicles	Q2/Q3 2024/2025

## Green Teams

Area of CMETB	Content	Timeline
SEAI Energy in Education workshops	SEAI Energy in Education workshops	Q32025/2026

## Appendix 3: Emissions Analysis

The following graphs demonstrate CMETB's progress to date towards the energy and greenhouse gas (GHG) emissions target and how the organisations emissions and energy efficiency have changed over time.

In figure 9: this graphic shows CMETB had the fifth best performance out of sixteen public bodies in the ETB sector. CMETB is shown in the darker red shade.

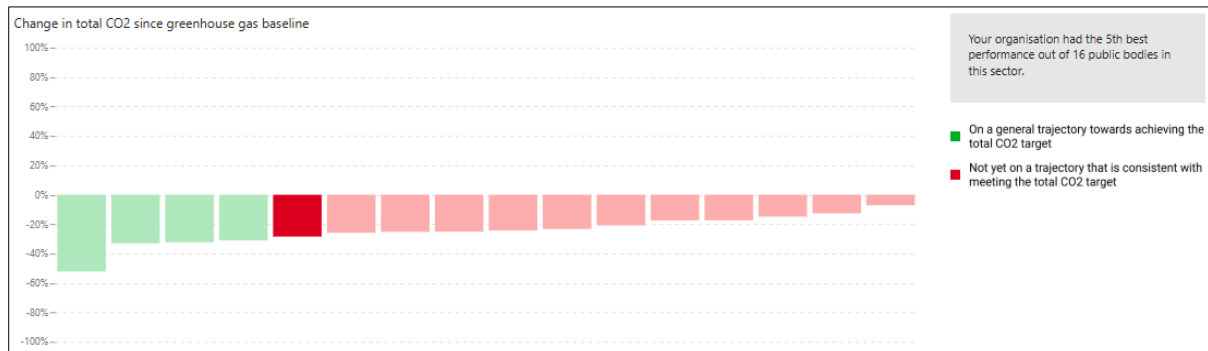


Figure 8: Change in total CO<sub>2</sub> since greenhouse gas baseline (fossil and electricity) for all 16 ETBs.

CMETB's **total CO<sub>2</sub>** emissions were reduced by 27.2% from baseline.

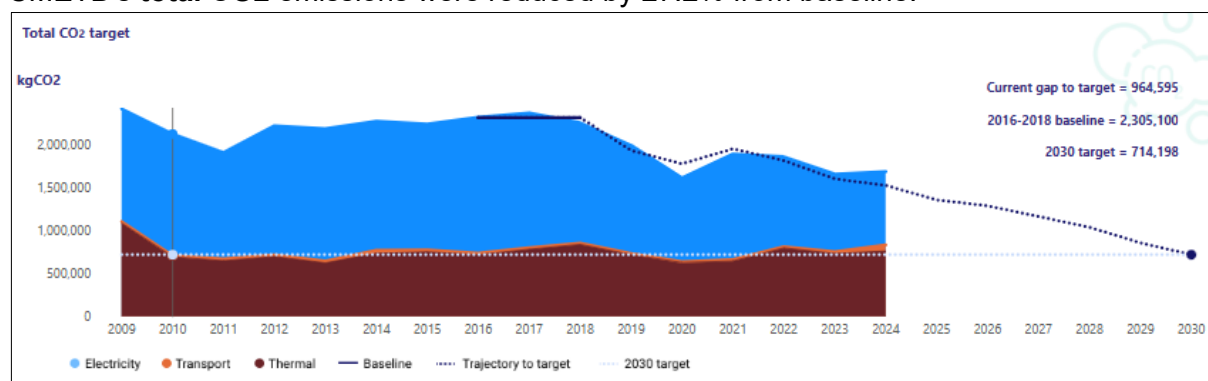


Figure 9: CMETB total CO<sub>2</sub> emissions

CMETB's **fossil CO2** was 4.2% above the baseline

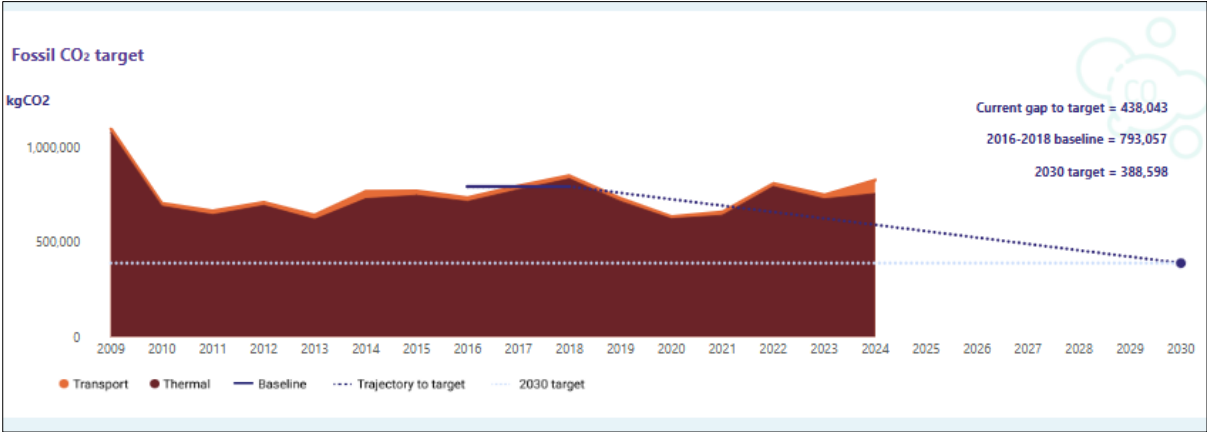


Figure 10: CMETB fossil CO<sub>2</sub>

CMETB's **energy** performance improved by 34.6% since baseline.

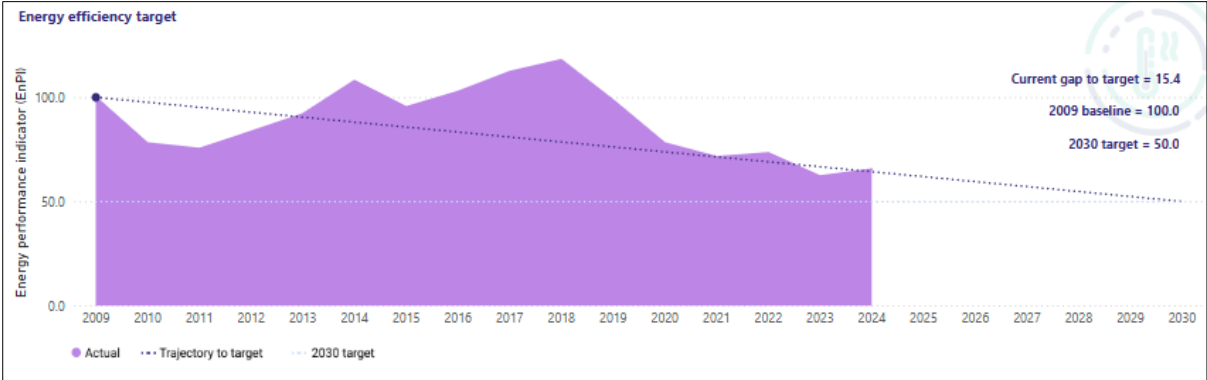


Figure 11: CMETB energy performance

## Impact of decarbonisation initiatives & other modelled changes on total CO2 emissions (Schools, FET and Admin combined)

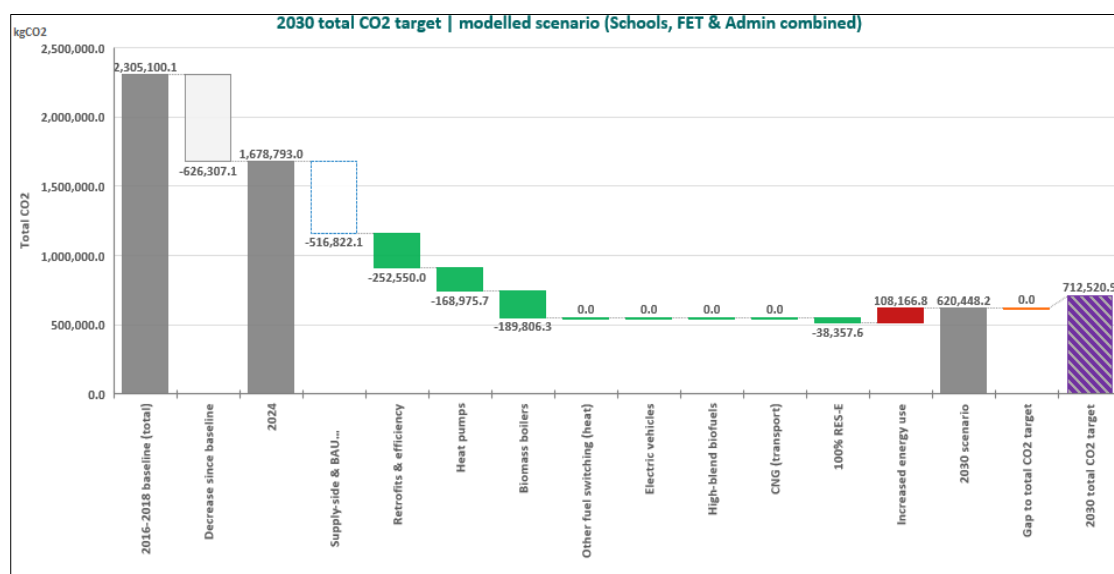


Figure 12: Impact of decarbonisation initiatives and other modelled changes on total CO2 emissions

## Fossil CO2 - Schools, FET and Admin combined

The Mandate outlines the target to reduce Greenhouse Gas emissions i.e. fossil CO2 by 51% by 2030. As at the end of 2024, CMETB are 4.2% above the baseline. Significant capital investment is required to ensure all projects proposed in the CMETB Gap to Target tool, outlined in the diagram below, can be carried out to achieve the 51% reduction required.

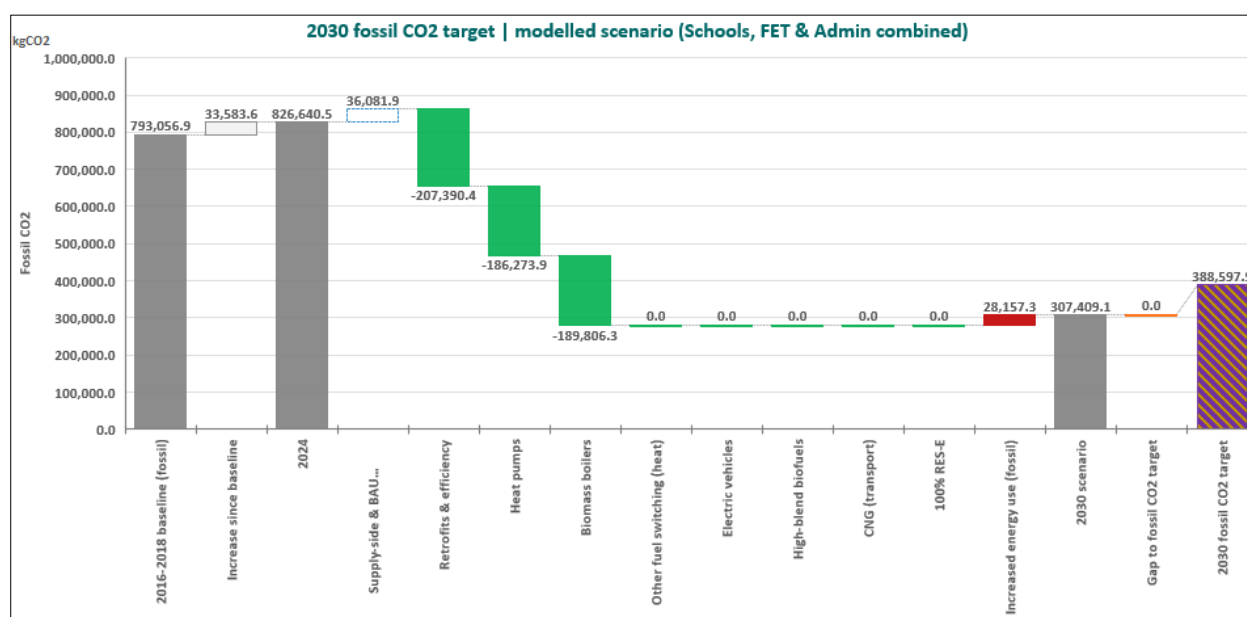


Figure 13: Fossil CO2 Schools FET and Admin combined



## Fossil CO<sub>2</sub>: FET and Admin only (representing 30% of CMETB estate)

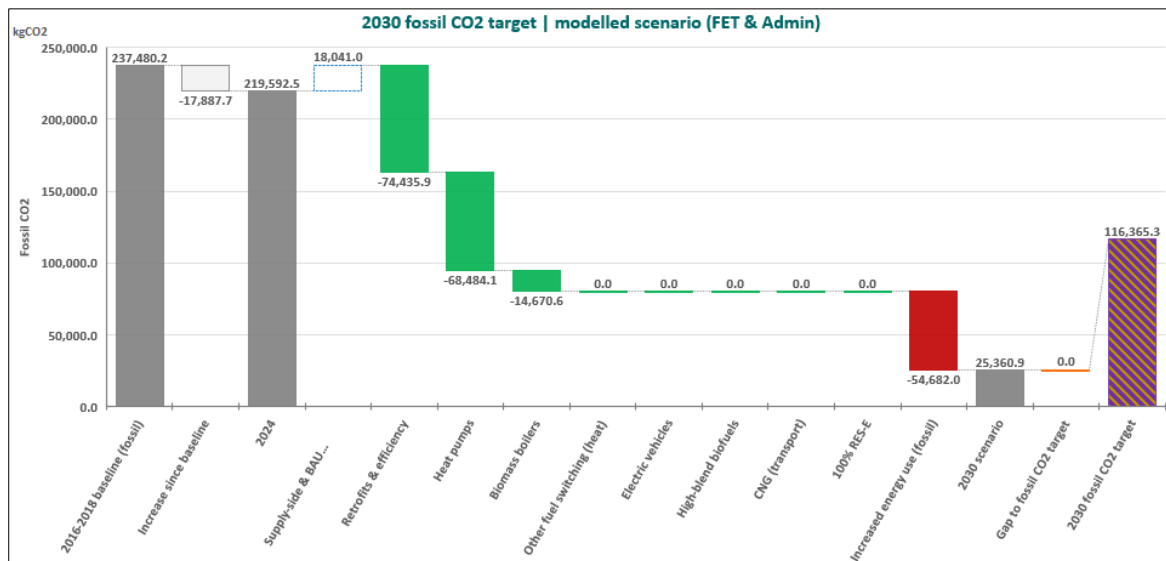


Figure 14: Fossil CO<sub>2</sub> FET and Admin only

## Fossil CO<sub>2</sub>: CMETB Schools only (representing 70% of CMETB estate)

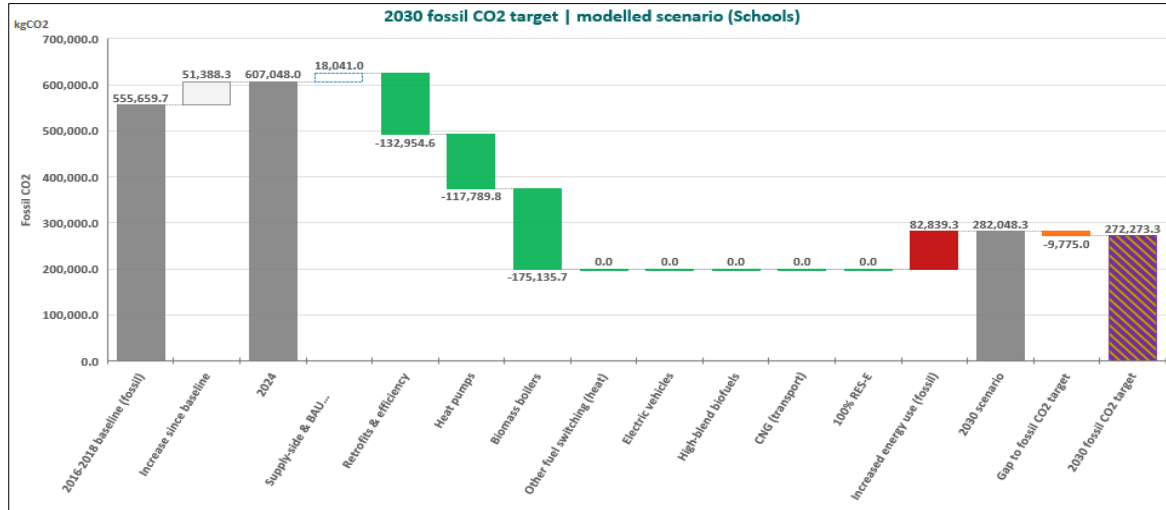


Figure 15: Fossil CO<sub>2</sub> CMETB schools only

## Appendix 4: Tables

Table 5: Current Top Users of GHG (oil/gas/LPG) consumption in 2024. (converted to kgCO2/yr). Schools

Name	Kerosene litres	Gasoil litres	LPG litres	Natural Gas (kWh)	Total Carbon impact (KgCO2/yr)
<b>CMETB Schools</b>					
Breifne College			72,251		111,536
Largy College		35,312			93,928
Virginia College				292,615	72,276
Inver College	12,004			138,818	66,218
Castleblayney College			36,389		56,175
Coláiste Dún an Rí				201,822	49,850
Beech Hill College		16,000			42,559
Ballybay Community College		6,001	16,109		40,830
St. Mogue's College	12,001				31,922
St. Bricin's College	9,000				23,940
<b>Total for Schools</b>	<b>33,005</b>	<b>57,313</b>	<b>124,749</b>	<b>633,255</b>	<b>589,234</b>

Table 6: Current Top Users of GHG (oil/gas/LPG) consumption in 2024. (converted to kgCO2/yr) FET Centres

CMETB FET Centres	Kerosene litres	Gasoil litres	LPG litres	Natural Gas (kWh)	Carbon impact (KgCO2/yr)
Cavan Institute - Cathedral Road		19,700			52,401
FET Campus, Dublin Road, Cavan	3,602		14,476		31,928
Dún Mhúire, Monaghan	9,406				25,019
Tanagh OEC	7,579	300			20,958
Adult Ed (Ballyjamesduff Cavan)	6,806				18,104
Castleblayney Youthreach	6,568				17,471
Kingscourt Community Centre				37,691	9,310
Kingscourt Youthreach				34,232	8,455
Carrickmacross Youthreach	3,070				8,166
Cavan Youthreach	2,633				7,004
<b>Total for FET Centres</b>	<b>39,664</b>	<b>20,000</b>	<b>14,476</b>	<b>71,923</b>	<b>198,816</b>

## Energy Management

Energy Management incurs small costs, is being implemented across CMETB Schools and Centre's, and has the potential to reduce CMETB's utility usage by 25% over an 18-month period. Conversion figures used are from the Gap to Target tool and the figures are split between Schools and FET/Admin, these figures are based on 2024 usage.

Table 7: Energy Management Schools and Centres

Energy Management	Schools % savings per year total	Schools' kWh/yr	FET & Admin % savings per year total	FET & Admin kWh/yr
Natural Gas	4.9%	35,000	0.1%	1,000
LPG	4.3%	41,000	0.7%	7,000
Kerosene	2.3%	16,500	2.7%	19,000
Gas Oil	3.7%	29,000	1.3%	10,000
Electricity	2.6%	85,000	2.4%	76,000

## Appendix 5: CMETB List of Properties

Sector	Owned/Leased	Location	Property Name	Floor Area Sqm
Schools	Owned	Cavan	Breifne College (including Modular Unit)	9,156
Schools	Owned	Cavan	Coláiste Dún an Rí	5,600
Schools	Owned	Cavan	St. Bricin's College (including Modular Unit)	2,515
Schools	Owned	Cavan	St. Mogue's College (including Modular Unit)	2,163
Schools	Owned	Cavan	Virginia College (including Modular Units)	4,394
Schools	Owned	Monaghan	Ballybay Community College	4,880
Schools	Owned	Monaghan	Beech Hill College (including Modular Units)	6,418
Schools	Owned	Monaghan	Castleblayney College (including Modular Unit)	4,006
Schools	Owned	Monaghan	Colaiste Oiriall	4,105
Schools	Owned	Monaghan	Largy College	4,765
Schools	Owned	Monaghan	Inver College (including Modular Units)	6,000
Schools	Owned	Monaghan	Monaghan Community Special School, Castleblayney	464
Theatre	Owned	Monaghan	Garage Theatre	1,940
Sports Hall	Owned	Monaghan	Barry McGuigan Sports Hall	1,290
Admin	Leased	Monaghan	Cavan and Monaghan ETB, Head Office, Market St	1,672
Admin	Leased	Cavan	Cavan Admin Office	1,796
Adult Ed	Leased	Cavan	Ballyjamesduff Adult Education Centre	560
Adult Ed	Leased	Cavan	Cavan Adult Ed Centre - St. Augustine's Hall	465

Sector	Owned/Leased	Location	Property Name	Floor Area Sqm
Adult Ed	Rented	Cavan	Cavan Adult Education Centre - Unit 12	276
Adult Ed	Rented	Cavan	Cavan Adult Education Centre - Unit 20	172
Adult Ed	Leased	Cavan	Cavan Adult Education Centre - Unit 5	148
Adult Ed	Leased	Monaghan	Carrickmacross Adult Education - The Workhouse	160
Adult Ed	Leased	Monaghan	Monaghan Adult Education - Dun Mhuire	706
Adult Ed	Leased	Monaghan	Monaghan Adult Education - EU House	374
Adult Ed	Owned	Monaghan	Monaghan Adult Education - The Gatehouse	117
Institute	Owned	Cavan	Cavan Institute - Block A – Cathedral Road	2,930
Institute	Leased	Cavan	Cavan Institute - Block B - Hampton Court	1,591
Institute	Leased	Cavan	Cavan Institute - Block D - Cootehill Rd	257
Institute	Leased	Cavan	Cavan Institute - Block E - Ballinagh Rd	1,034
Institute	Owned	Cavan	Cavan Institute - Modular Units at FET Campus	1,920
Institute	Owned	Monaghan	Monaghan Institute	7,042
Training	Owned	Cavan	Cavan & Monaghan Further Education and Training Campus	3,129
Training	Leased	Cavan	Killygarry Supply Chain Logistics & Procurement	650
Training	Leased	Monaghan	Milltown Training Facility	697
Outdoor Ed	Owned	Monaghan	Tanagh Outdoor Education Centre	1,226
Youthreach	Leased	Cavan	Cavan Youthreach Unit 1,2,3,4	590
Youthreach	Leased	Cavan	Cootehill Youthreach	373
Youthreach	Owned	Cavan	Kingscourt Youthreach	1,059

<b>Sector</b>	<b>Owned/Leased</b>	<b>Location</b>	<b>Property Name</b>	<b>Floor Area Sqm</b>
Youthreach	Leased	Monaghan	Carrickmacross Youthreach (former Ulster Bank)	282
Youthreach	Owned	Monaghan	Castleblayney Youthreach	1,046
Youthreach	Owned	Monaghan	Monaghan Youthreach	540
Other	Owned	Cavan	Kingscourt Community Centre	1,190
<b>Total Sq/m</b>				<b>90,212</b>

## **Appendix 6: Abbreviations**

Cavan and Monaghan Education and Training Board (CMETB)

Public Sector Climate Action Mandate (PSCAM) Roadmap

Greenhouse Gas (GHG) emissions

Director of Organisation Support and Development (OSD)

Assistant Principal Officer (APO)

Monitoring and Reporting (M&R)

Department of Education and Youth (DEY),

Department of Further and Higher Education, Research, Innovation and Science (DFHERIS)

Sustainable Energy Authority of Ireland (SEAI),

Department of Climate, Energy and the Environment (DECC)

Building Energy Rating (BER)

Energy Officer (EO)

Energy Performance Officer (EPO)

Green Public procurement (GPP)

Environmental Protection Agency (EPA)

British Standards Institution (BSI) Kitemark certification

Office of Government Procurement (OGP)

Energy Management Action Plan (MAP)



**cmeth**

Bord Oideachais agus Oiliúna  
an Chabháin agus Mhuineacháin  
Cavan and Monaghan  
Education and Training Board

Cumhachtú trí Fhoghlaim agus dul chun  
cinn do Chách

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