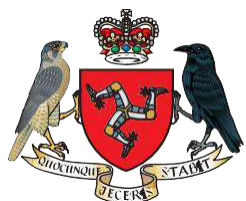


DEPARTMENT OF EDUCATION, SPORT AND CULTURE

RHEYNN YNSEE, SPOYRT AS CULTOOR



**Isle of Man
Government**

Reillys Ellan Vannin

Climate Change Action Plan

2023 - 2024

Glossary

Department means the Department of Education, Sport and Culture (DESC) including schools, UCM, Villa Gaiety and MSR.

DESC means Department of Education, Sport and Culture.

UCM University College Isle of Man.

Contents

Background	1
Carbon Management Hierarchy	1
Our Principles	1
How this Plan links to DESC's Department Plan	1
Our Aims and Proposed Actions.....	1
DESC Climate Change and Sustainability Forum.....	1
Measuring Success	1
Version Control and Review	1

Background

In May 2019, the Chief Minister recognised a global climate emergency and the need for urgent climate action in the Isle of Man and a commitment was made for the Isle of Man to be “Net Zero Carbon” by 2050.

Since then, ‘climate change duties’ have been created by the [Climate Change Act 2021](#).

Public bodies have a legal obligation under the Climate Change Act 2021, as follows:

- (1) A public body, in performing its duties, must act in the way that it considers best to contribute to —
 - (a) the meeting of the net zero emissions target by the net zero emissions target year;
 - (b) the meeting of any interim target;
 - (c) supporting the just transition principles and the climate justice principle;
 - (d) sustainable development, including the achievement of the United Nations sustainable development goals; and
 - (e) protecting and enhancing biodiversity, ecosystems and ecosystem services.

By creating this Climate Action Plan it will enable the Department of Education, Sport and Culture (‘DESC’) to fulfil these obligations efficiently and monitor its progress.

This Action Plan details how DESC will contribute to the Isle of Man becoming “Net Zero Carbon”.

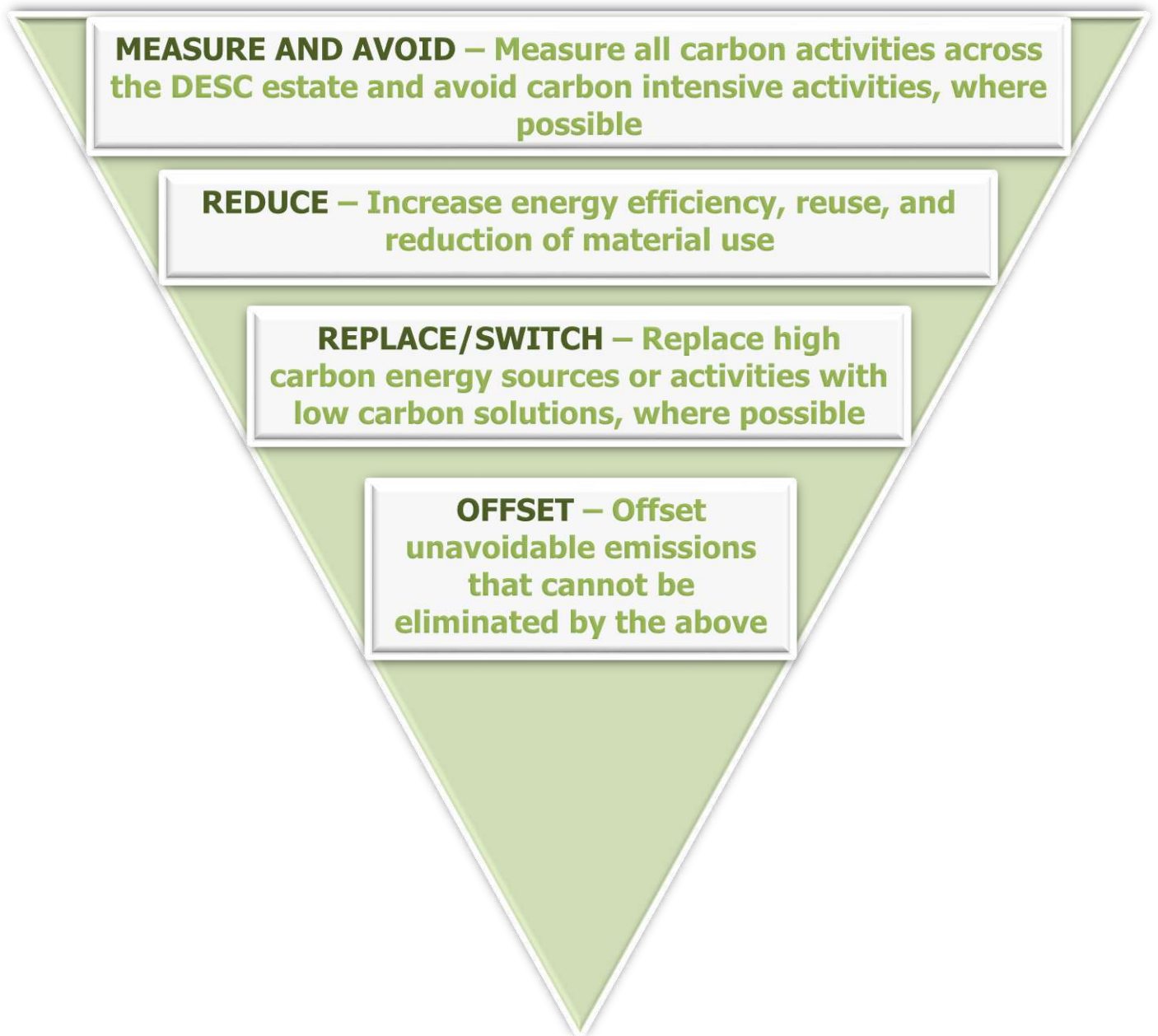
This Plan is a living document and will be reviewed and updated annually.

The DESC estate varies in age, covers all parts of the Island and consists of:

- All maintained schools, including University College Isle of Man (UCM), Education Support Centre (ESC) – Glencrutchery Complex, Pre-School Assessment Centre (PSAC) and Yn Ynnyd Chengey (YYC)
- NSC and the associated buildings
- Villa Marina, Gaiety Theatre and Kensington Arts Centre
- Thie Slieau Whallian, St Johns (shared building with DEFA)
- Youth Clubs and Ardwhallan Outdoor Learning Centre
- Santon Professional Development and Resource Centre

Carbon Management Hierarchy

Our efforts to reduce carbon output will follow a carbon management hierarchy, which prioritises carbon avoidance and reduction, to inform decisions and drive carbon management across our estate:



Our Principles

The following principles will be adopted and refined during the life of this plan:

- Work to refine understanding of emissions data, gaps and confidence level;
- In the absence of data, good estimates may be sufficient;
- Don't re-invent the wheel; use good models that already exist;
- Actions can proceed with incomplete data, where possible;
- Review progress regularly and refine plan where required;
- Identify and review risks and issues;
- The various climate change and sustainability resource documents for DESC should be available to access in one place;
- Prioritise actions that give the greatest reduction in CO2 emissions;
- Increase staff and pupil awareness about emissions reduction and climate change; and
- Share progress with Climate Transformation Team and other Government Departments.

How we propose to work towards achieving net zero carbon by 2050

This Climate Action Plan will primarily focus on our Scope 1 carbon emissions (our directly generated emissions – buildings and vehicles) and our Scope 2 carbon emissions (indirectly generated emissions - purchased energy) and has the following aims to:

1. Identify and understand our emissions.
2. Reduce our energy and water consumption.
3. Reduce our waste and increase our recycling.
4. Adapt our buildings and operations to climate change.
5. Assess our operations for potential carbon savings.

This document and these aims should be seen as a starting point and will be improved, expanded and refined as our knowledge, abilities and technology evolves.

How this Plan links to DESC's Department Plan

This Plan also links to DESC's Department Plan which sets out the Department's Climate Change objectives, which include:

Working with Government Department's to deliver the Isle of Man Government Action Plan for Achieving Net Zero Emissions by 2050 and raising awareness of climate change and sustainability in schools by: -

- Putting in place Eco-school and sustainability training for primary and secondary school teachers specific to the Isle of Man;

- Providing training for the Global Teachers Award which is delivered by DESC and the One World Centre;

- All schools continuing to be UNESCO Biosphere IOM Partners;

- Working with strategic stakeholders to support students with employment in the low carbon economy of the future;

- Reducing the use of single use plastics across our estate in line with the Isle of Man Government's Single Use Plastics Reduction Policy;

- Promoting Active Travel initiatives as determined by the DOI;

- Producing guidance documents for schools planning trips, both on and off Island;

- Continuing to raise awareness and understanding of climate change and sustainability at all stages of education;

- Exploring the potential for climate change and sustainability to be included in a more structured way as required content in a "revived modern curriculum"; and

- Supporting the Department of Infrastructure's (DOI) review of possible energy saving options in order to reduce emissions for our buildings.

The Department Plan is updated annually and will continue to include specific actions relating to climate change and supporting the Isle of Man Government to work towards achieving net zero carbon by 2050.

Our Aims and Proposed Actions

Aim - Identifying and understanding our emissions

*The carbon footprint (Net reported emission for the DESC estate has been estimated at **6,894,929 KG Co2** for the period 1st April 2022 – 31st March 2023. This has been sourced using available energy data and calculated by the Climate Change Team's Reporting Spreadsheet.*

We will make decisions and target resources where we have a high level of confidence in our energy data and until we have confidence in our energy data and have broken down our carbon footprint by building and by source.

ACTION: Identify and better understand our carbon data to show building and heating sources to inform our decisions – work with the Department of Infrastructure (DOI) and Manx Utilities Authority to obtain and understand this information.

Aim - Reduce our energy and water consumption

Identify any excess energy being used across the DESC estate and take immediate steps to give a carbon and financial saving. Energy Eye records are kept for all our school buildings and the data / trends with this data will be used to try to reduce excess energy being used schools.

ACTION: Work with DOI Estates Shared Services to carry out low level energy audits of all our operational buildings – identify potential savings and set KPIs.

ACTION: Further develop longer term plans from these audits, for works from Minor Capital and Climate Change funding.

ACTION: Work with DOI Estates Shared Services to carry out building fabric surveys of selected buildings.

Aim - Reduce our waste and increase our recycling

To reduce our waste and expand our recycling will contribute to the overall reduction in carbon emissions and set a good example to the public. Savings on our general waste collections may also be seen as a financial saving in revenue budgets.

ACTION: Better understand our waste streams and opportunities for reduction, including food waste in our schools.

ACTION: The 'avoid, reduce and reuse' principles should be a priority, followed by recycling when looking to reduce our waste.

ACTION: Increase the opportunities for recycling across the DESC estate, where possible.

ACTION: Promotion of the existing DESC uniform policy which states schools should

assist parents in relation to the cost of uniforms, such as offering pre-loved uniforms and uniform swap shops being available across schools.

ACTION: Avoid disposable items, such as plastic bottles, where possible.

Aim - Adapting our buildings to climate change

It is important that our buildings become more energy efficient and that any new builds seek to maximise every opportunity to collectively reduce our carbon footprint.

Information obtained during energy audits and building surveys will allow data to be used to justify new builds and ways of working.

ACTION: Seek carbon reductions with any new builds.

ACTION: Support the DOI Estates Shared Services review of possible energy saving options in order to reduce emissions for our buildings.

ACTION: Support the DOI Estates Shared Services in carrying out condition and sustainability surveys of our key buildings.

Aim - Adapting our day to day operations to climate change and improve staff and pupil awareness

When looking at opportunities to reduce carbon from our estate, it is important that we begin to understand the carbon footprint of our day to day operations and improve staff and pupil awareness.

ACTION: Begin to understand the carbon footprint of our day to day operations by using data which is available.

ACTION: Purchase local produce where possible to reduce food miles and improve our carbon footprint, as well as supporting local suppliers.

ACTION: Carry out more assessment for opportunities for remote working, IT solutions and different ways of working including home working (for central staff) and encouraging holding meetings online, where possible.

ACTION: Working with strategic stakeholders to support students with employment in the low carbon economy of the future.

ACTION: Enhance biodiversity in school settings through UNESCO Biosphere Isle of Man pledge aims; protect natural resources & make a positive environmental impact, and support of external organisations such as, Manx Wildlife Trust.

ACTION: Embed thinking and action on emissions via climate change awareness training for DESC personnel.

ACTION: Continue to raise pupil awareness and understanding of climate change and sustainability at all stages of education.

ACTION:	When undertaking procurement, include sustainability requirements.
ACTION:	Schools to consider their emissions and sustainability options when planning trips; both on and off Island with the possibility of reducing emissions and ensuring the trip is sustainable, where possible. Future policy and guidance documentation to be provided for schools through Educational Visits Coordinator training.
ACTION:	Complete a Climate Change Impact Assessment as part of the policy development, project initiation (including capital projects) and decision making process, where appropriate.
ACTION:	Undertake annual environmental surveys with our schools, UCM and Department Divisions to obtain vital information to help inform our annual Climate Change Report.
ACTION:	Develop a high level Environmental/Sustainability Policy for DESC which could be adapted by all business areas, including schools.

DESC Climate Change and Sustainability Forum

To assist in delivering the DESC Climate Action Plan, a Climate Change and Sustainability Forum will be created with the following draft Terms of Reference:

The membership for this forum will be drawn from across the operational areas of DESC including schools and UCM.

The draft terms of reference will be to:

- Coordinate the identification and management of Climate Change and Sustainability actions across DESC;
- Continually seek to improve and review the DESC Climate Change Action Plan;
- Coordinate training needs and develop guidance in terms of Climate Change and Sustainability;
- Share best practice across DESC; and
- Communicate information as necessary to other operational meetings.

The role of members will be to:

- Apply their skills, knowledge and experience to benefit all the operational areas of DESC;
- Participate in and contribute to the meetings actions;
- Act as a representative of their Division, business area, school or UCM;
- Disseminate any information as necessary across their operational areas;
- Share good practice from their operational areas; and
- Advise the meeting of any identified shortfalls in their areas.

Once the membership has been determined, the Terms of Reference for the Climate Change and Sustainability Forum will be finalised.

Measuring Success

DESC plans to measure the success of this Plan after 12 months and will consider progress made against each action listed and will produce a summary of what has been achieved so far.

Any action not completed, will carry forward to the next annual Plan and will continue to be delivered.

Version Control and Review

The business area that owns this document is Policy, Strategy and Governance Division.

Version	Author	Date	Changes
V0.1	PSG	25/10/23	Final Draft approved by Department
V1.0	PSG	14/11/23	Version 1.0 published on DESC website

Review Date

This document was issued on 01/11/2023 and is due be reviewed in November 2024.