



Isle of Man
Government

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Climate Action Plan 2022 - 2023

Issued April 2022



BACKGROUND

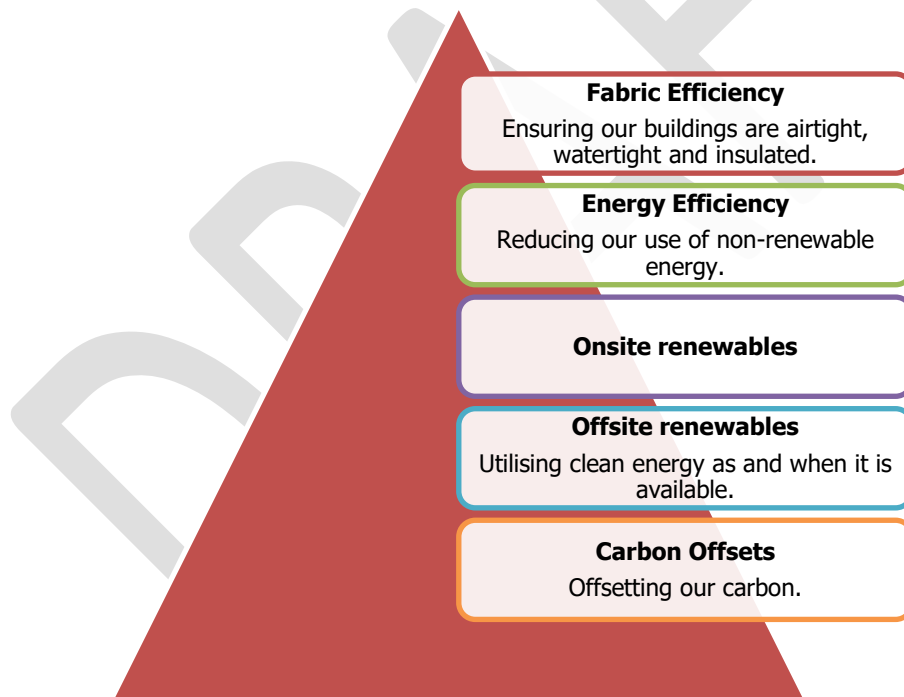
In 2019, a Climate Change Emergency was declared by the Isle of Man Government and a commitment was made for the Isle of Man to be "Net Zero Carbon" by 2050.

This Action Plan details how the Department of Home Affairs will contribute to the Isle of Man becoming "Net Zero Carbon". This Plan will be reviewed and updated annually.

The operational estate of the Department of Home Affairs varies in age, covers all elevations of the Island and consists of:

- Isle of Man Prison, Jurby;
- Probation (Tromode House Bail Hostel);
- Police Stations;
- Fire Stations;
- Emergency Services Joint Control Room;
- Warehouses;
- Twenty Communication Sites around the Island; and
- Other small operational buildings and four domestic dwellings.

Our efforts to reduce carbon output will use the following accepted Carbon Reduction Hierarchy:



PRINCIPLES OF ACTION

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

- Work to refine understanding of data, gaps and confidence level;
- In the absence of data, good estimates may suffice;
- Don't re-invent wheels, use good models that already exist;
- Actions can proceed with incomplete data;
- Review progress regularly and refine plan;

- Identify and review risks and roadblocks;
- Prioritise actions that give the greatest reduction in CO2 emissions;
- Embed Thinking about emissions reduction; and
- Share Progress with Climate Transformation team and other departments.
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HOW WE WILL WORK TOWARDS NET ZERO CARBON BY 2050

This first Department of Home Affairs Climate Action Plan will primarily focus on our Scope 1 (our generated emissions – buildings and vehicles) and Scope 2 (purchased energy) Carbon Emissions and has the following short term aims:

1. Identifying and understanding our emissions.
2. Reduce our energy and water consumption.
3. Reduce our waste and increase our recycling.
4. Adapting our buildings and operations to climate change.
5. Assessing 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 collective knowledge, abilities and technology evolves.

This Plan also links to the [Department of Home Affairs Delivery Plan](#) which sets out the Department's objectives for the next 12 months, which include:

- Minimising the impact our operations have on the environment; and
- Identifying and understanding carbon emissions from our buildings and other day to day operations.

OUR AIMS AND ACTIONS

Identifying and understanding our emissions

Our carbon footprint for the Department of Home Affairs Estate (without business travel) has been estimated at 1,320,000 KG Co2 per annum. This has been sourced using available energy data and calculated using Carbon Trust conversion criteria.

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: Provide carbon data to show building and source (Grid electric, oil, LPG, gas) to better inform our decisions.

ACTION: Begin to gather data and understand our business and fleet travel.

Reduce our Energy and Water Consumption

An extremely important step across our estate is to identify any excess energy being used and take immediate steps to give a carbon and financial saving. Energy records are kept for all our operational buildings and the data / trends with this data will be used to target resources.

ACTION: 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: Working with Estates Shared Services carry out building fabric surveys of selected buildings.

Reduce our waste and increase our recycling

Processing of waste accounts for around 3% of the carbon emissions of the Isle of Man. 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 will also be seen as a financial saving in revenue budgets.

ACTION: Better understand our waste streams and opportunities for reduction.

ACTION: Increase the opportunities for recycling across the divisions of Home Affairs.

ACTION: Set up recycling opportunities at our key Douglas assets and the Isle of Man Prison.

Adapting our buildings to climate change

It is important that our buildings become more energy efficient and that our 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: Continue to seek co-location opportunities within the Blue Light Strategy and carbon reduction with new builds.

ACTION: Utilise building and energy surveys to determine changes to current building stock to reduce emissions.

ACTION: Carry out condition and sustainability surveys of our key buildings.

Adapting our day to day operations to climate change

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.

ACTION: Begin to understand the carbon footprint of our day to day operations.

ACTION: Carry out more assessment for opportunities for remote working, IT solutions and different ways of working. Seek opportunities within the Blue Light Strategy to further reduce the carbon footprint of Isle of Man Government assets.

ACTION: Embed thinking and action on emissions via carbon literacy training for all DHA personnel.

ACTION: Use readily available prior knowledge as a guide to interventions within the DHA estate and operations, i.e., Project Drawdown, Carbon Trust Guidance etc.

DHA SUSTAINABILITY GROUP

To assist in delivering the Department of Home Affairs Climate Action Plan, a Sustainability Group will be formed with the following Terms of Reference:

The membership for this meeting will be drawn from across the operational areas of the Department.

The terms of reference will be to:

- Coordinate the identification and management of Climate Change and Sustainability actions across the Department of Home Affairs;
- Continually seek to improve and review the Departments Climate Change Action Plan;
- Coordinate training needs in terms of Climate Change and Sustainability;
- Share best practice across the divisions of the Department of Home Affairs; 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 the Department;
- Participate in and contribute to the meetings actions;
- Act as a representative of their division;
- 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.

Summary Table of Actions

What	How	When
Identify and understand our carbon emissions	<ul style="list-style-type: none"> Continue refining collection on our energy consumption data 	Q4 2022
	<ul style="list-style-type: none"> Begin to understand the carbon footprint of our business travel 	
Reducing our consumption of energy	<ul style="list-style-type: none"> Identification of operational buildings to audit (ensure energy data available) 	Q4 2022
	<ul style="list-style-type: none"> Carry out low level audits and identify potential financial / carbon savings 	
	<ul style="list-style-type: none"> Develop longer term plans from low level audits for items / assets requiring more in depth assessment 	Q1 2023
	<ul style="list-style-type: none"> Set stretching KPIs on areas of our estate 	
Reduce our waste and increase our recycling	<ul style="list-style-type: none"> Better understand our waste streams and opportunities for reduction and recycling 	Q1 2023
	<ul style="list-style-type: none"> Increase recycling in our Douglas assets and IOMP Jurby 	
Adapting our buildings for climate change	<ul style="list-style-type: none"> Continually seek co-location opportunities and carbon reduction in our new builds and relocation projects 	Q1 2023
	<ul style="list-style-type: none"> Using data from audits and surveys develop a long term carbon reduction plan with our estate 	
	<ul style="list-style-type: none"> Carry out condition and sustainability surveys of key assets 	
Adapting our operations to climate change	<ul style="list-style-type: none"> Begin to understand the carbon footprint of our day to day operational activities 	Q1 2023
	<ul style="list-style-type: none"> Carry out further assessments of opportunities for remote working, IT solutions and new ways of working 	
	<ul style="list-style-type: none"> Embed thinking and action on emissions via carbon literacy training for all DHA personnel 	
	<ul style="list-style-type: none"> Use readily available prior knowledge as a guide to interventions within the DHA estate and operations, e.g., Project Drawdown, Carbon Trust Guidance etc. 	



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