

FINAL UPDATE ON PHASE 1 CLIMATE CHANGE ACTION PLAN

	<i>Final Update of the Phase One Action Plan</i>		<i>As at 31 March 2022</i>
Ref	Policy Commitment and Short-Term Actions	Status	Phase 1 Final Update
1	Council of Ministers is committed to urgently establishing a Climate Change Transformation Programme, with a dedicated fund and a Political Steering Board to develop and deliver Government's climate change action plan		
1.1	Establish a transformation fund to support activities and action in 2020/21	Complete	An Environmental Protection Fund and a Climate Change Mitigations Initiative Fund have been established by Treasury. The fund was given a further £10 million (£5 million each) in the financial year 21/22
1.2	Create a Climate Change Transformation Programme structure, Political Board and reporting and review cycles	Complete	The Programme structure has been put in place with a monthly reporting and review cycle to the Climate Change Transformation Board. A Programme Office Manager manages this on a day-to-day basis to ensure good governance of the programme
1.3	Create a Climate Change Transformation Programme Team	Complete	The team was put in place in October 2020 and consist of scientists, engagement specialists, researchers and project delivery officers who are dedicated to ensuring the Isle of Man reaches its net zero targets
1.4	Prepare Phase 2 action plan for Government, to be presented to Tynwald in 2021	In progress	This Plan will be presented to Tynwald in July 2022
1.5	Deliver the Phase 1 action plan, and report to Tynwald on progress in July 2020	Complete	This action was completed in July 2020 and the progress report can be found on our website netzero.im
2	Council of Ministers commits to Government leading with large scale changes to reduce emissions		
2.1	Review Government policies and align with the delivery of the target set for the Isle of Man to achieve net zero carbon by 2050.	Superseded	This workstream now falls under the Climate Change Act 2021 climate change duties for public bodies. Guidance for public bodies in relation to their climate change duties is due to be published on 31 March 2022 in line with the statutory deadline. Climate impact assessment methodology will be developed to meet the statutory

			implementation date of 31 December 2023 or earlier to assist us in the delivery of this action throughout Government
2.2	Include performance indicators in the Programme for Government that will monitor and improve the Departments, Boards and Offices individual carbon/greenhouse gases impact.	Complete	The Island Plan has superseded for the Programme for Government and performance indicators have been included on behalf of the Climate Change programme
2.3	Carry out a climate impact audit on Government's estate creating a strategic plan to reduce emissions and maximise opportunities for carbon sequestration.	In progress	This work has commenced and is expected to be completed during the first half of 2022.
2.4	Carry out short term actions to reduce the carbon impact of Government estates, such as implementing LED lighting, biomass boilers, electric space heating wherever possible	In progress	Engagement is underway with government Estate Managers and Treasury to develop a set of criteria where funding will support the reduction of CO ₂ emissions across Government estates. This action forms part of the commitment to decarbonise the government estate in the Climate Change Plan 2022-2027 in section 3.2.
2.5	Create a plan for installing cycle racks (with charging points for EV bikes) and showers in all public buildings, where suitable, and being implementing	In progress	To-date the Department of Infrastructure have installed cycle racks for 309 bikes in 14 locations
2.6	Create policy immediately to move the Government fleet to be electric or reduced emission vehicles by default (where practical), with the electrification of the Public Service fleet (excluding certain categories of specialist vehicle) to be achieved by 2030	In progress	The Government Electric Vehicle Fleet currently stands at 4.6% of the car and van fleet. We are also working closely with DOI on their Fleet Strategy which currently states that all new purchases will be electric by default
2.7	Place the order for the first hybrid buses and put in place a programme for wider implementation	Complete	To move the Islands' public transport system away from carbon heavy vehicles the Department of Infrastructure have purchased six Mercedes Citaro single deck low emission hybrid buses. The Department of Infrastructure would like to lead a rolling programme to procure further hybrid/electric buses for wider implementation.

2.8	Fully implement government's plastics plan and eliminate unnecessary single use plastics and other disposables from Government use.	Complete	Government's plastics plan has been fully implemented and the purchase of single use plastics by Departments has been agreed in principle. A Waste Management Strategy will be developed in conjunction with the Department of Infrastructure as part of the Climate Change Plan 2022-2027.
2.9	Develop and implement a plan to significantly reduce food waste across the Government estate.	Superseded	This action now appears in Section 3.9 of the Climate Change Plan 2022-2027, as "Work with DoI, local authorities and businesses to inform a waste strategy that addresses emissions"
2.10	Develop and implement a climate impact assessment to be required as part of all Government procurement processes.	Superseded	A review of procurement processes was carried out in 2021 and an interview took place with the Climate Change Transformation Team with a sustainability section now included in the final report to Treasury. In addition, Climate Impact Assessments (including procurement decisions) will be delivered to meet the statutory implementation date of 31 December 2023 or before.
2.11	Encourage mobile working, where possible for Government employees to reduce travel requirements.	Closed	Where possible, Government departments are supporting employees who can work from home to reduce travel requirements, however more work needs to be done to improve consistency across Departments. Government Technology Services has enhanced mobile technologies and infrastructure to facilitate the transition to remote working.
3	Council of Ministers commits to securing no less than 75% of the Island's electricity from renewable source by 2035		
3.1	Develop a strategic plan for delivering 75% of the Island's electricity from renewable sources by 2035.	Complete	The Future Energy Scenarios (FES) report by external consultants Ove Arup has been completed and this identifies five pathways to achieving 75% of the Island's electricity by renewable sources by 2035.
3.2	Model the future electricity grid requirements.	Complete	The future electricity grid requirements were an output of the FES work referred to above.
3.3	Launch prior information notice (pre tender) for onshore renewable energy generation up to a maximum capacity of 20MW.	Complete	A Prior Information Notice (PIN) process was completed in October 2020 and responses helped IoM Government to develop a tender for the FES work.

3.4	Launch prior information notice (pre tender) for offshore wind farm.	Closed	An agreement is already in place with Orsted and a review of the Offshore Energy Strategy is currently underway. This action has been closed until the results of the Strategy have been finalised and agreed
3.5	Review MUA practices and the Electricity Act and propose changes to encourage diversified generation.	Complete	The Climate Change Act 2021 contains amendments to the Electricity Act 1996 designed to facilitate diversified generation; at this time it is not clear when those amendments will be commenced.
4	Council of Ministers commits to providing a wide range of incentives, both financial and non-financial, and raising standards to reduce emissions from buildings in the Isle of Man.		
4.1	Build awareness and skills for contractors in energy efficiency and low carbon heating options.	In progress	Engagement has been underway with University College Isle of Man, Department for Enterprise and Construction IOM to understand the adaptation for Island contractors to deliver the short- and long-term skills needed in terms of energy efficiency (i.e. deep retrofitting) and low carbon heating. The development of a roadmap to outline this transition across the construction industry is progressing with guidance from industry professionals and a report will be published by April 2022.
4.2	Develop building controls to assist with meeting climate targets, to include the ban of fossil fuel heating appliances by 2025, in new build properties and set an appropriate date by which to ban the replacement of existing heating appliance with oil powered models.	In progress	The Climate Change Transformation Team are working with the Department of Environment, Food & Agriculture to develop building controls in pursuit of carbon neutral new build properties through Regulations. Fossil fuel heating systems in new buildings will be banned by 2025 under the Climate Change Act 2021; consideration to bring the ban on fossil fuel heating systems forward to 2023 has been included in section 3.2 of the Isle of Man Climate Change Plan 2022-2027 along with a commitment to phase out fossil fuel heating system replacements from 2025, in line with the recommendations from the Renewable Heating Scenarios
4.3	Develop and propose revised support schemes for energy efficiency and space heating to reduce property emissions.	Complete	Government departments have worked collaboratively to develop a grant scheme to reduce residential property emissions. The Green Living Grant Scheme launched on the 1 st October and is operated by the Department for Enterprise. Additional schemes are likely to follow a commitment to developing an appropriate funding and

			transition strategy to aid with the decarbonisation of space heating for both residential and commercial properties appear in section 3.2 of the Isle of Man Climate Change Plan 2022-2027
4.4	Establish a new, low electric heating tariff to encourage electrification of heating.	Closed	The Manx Utilities Comfy Heat Tariff is aimed at customers looking to charge their EVs or use electric heating in their homes. There are currently no plans to establish a new tariff.
5	Council of Ministers commits to increasing natural carbon capture opportunities, whilst protecting and enhancing ecosystems, to help reach net zero by 2050		
5.1	Complete the first in a series of peat land restoration projects, restoring a minimum of 1000 acres.	In progress	The peat restoration project began early in 2021. Work will continue to be managed by the Department of Environment, Food & Agriculture (DEFA) alongside their business as usual activities, the next phase of work will begin in winter 2022 after the animal breeding season is finished. Expected completion 2023-2024 season.
5.2	Complete the first in a series of woodland planting projects with wider ecosystem benefits (for example natural flood risk management, biodiversity).	In progress	Woodland assessments have taken place with the plan to create more woodland in 2021/22. A site has been selected and funding approval is pending
5.3	Plant a woodland (Keyll y Theay) of 85,000 trees at Meary Veg.	Complete	The planting of the People's Wood at Meary Veg Santon has been completed, Overall, there were 85,000 trees planted at Meary Veg providing increased woodland cover, increased carbon sequestration and reduced emissions from pasture. Estimated net tree cover will be circa 25 ha, representing an estimated storages capacity of 87.5 tonnes carbon/yr. (87.5t/C/yr.). Ongoing maintenance will be incorporated into DEFA alongside their business-as-usual activities and costs will be covered by the DEFA operational budget.

5.4	Develop a comprehensive land management plan to maximise carbon sequestration and maintain and restore biodiversity and wider ecosystem services.	In progress	A working group from across Government has completed a specification for commissioning a comprehensive Land Management Plan. This plan will identify key opportunities and risks around land management for carbon sequestration and for emissions. Commitments related to the Land Management Plan appear in section 3.4 of the Isle of Man Climate Change Plan 2022-2027
5.5	Provide additional incentives for tree planting under the Agricultural Development Scheme and through a dedicated woodland grants scheme.	Complete	The Agricultural Development Scheme launched in April 2021 and the Woodland Grant Scheme was approved by Tynwald in July 2021; these schemes aim to increase tree cover on the Isle of Man to act as an important local sequestration of greenhouse gases.
5.6	Ban all peat cutting.	In progress	The Climate Change Act includes regulation to ban all peat cutting and all activities relating to the unlicensed disturbance of peatlands, however the amendments which enable these changes to the Forest Act 1984 have not yet been commenced. Work is needed to develop a peatland register before this can be done.
5.7	Develop a comprehensive blue carbon management plan to maximise carbon sequestration and maintain and restore biodiversity and wider ecosystem services.	In progress	Phase 1 of a project to maximise blue carbon has been approved by Treasury and delivery by DEFA has commenced. This builds on our network of 10 Marine Nature Reserves and inshore fisheries management zones.
5.8	Work in partnership with the Manx National Farmers' Union (MNFU) to consider the active role agriculture can play in increasing sequestration.	In progress	Engagement with members of the MNFU is ongoing to explore what options, and what barriers, are in place to prevent further carbon sequestration on farms. We will produce documentation to advise and guide commitments related to agricultural emissions reduction in the Isle of Man Climate Change Plan 2022-2027
5.9	Develop planning advice on maximising carbon sequestration, minimising emissions and maintaining and restoring ecosystem services, and work towards a requirement for biodiversity net gain and for appropriate Sustainable Drainage Systems in future planning policy.	In progress	A policy to include appropriate Sustainable Drainage Systems (SUDS) is being developed alongside Planning Policy and Ecosystems Policy officers.

6	Council of Ministers commits to achieving net zero carbon emission transport by 2050		
6.1	Ensure new Isle of Man Steam Packet Company vessel specification allows transition to alternative, low carbon fuel.	Complete	As part of the Sea Services Agreement the Steam Packet Company have complied with the International Maritime Organisation (IMO) regulations and have converted to a vessel using fuel with a sulphur content of under 0.50%.
6.2	Develop an Active Travel Strategy in line with Planning Policy for areas outside of Douglas.	In progress	The Department of Infrastructure launched the Active Travel Strategy in 2018 to encourage people to make everyday journeys by more active means, such as walking and cycling. This is a key action in the Climate Change Plan 2022-2027, section 3.6
6.3	Bring forward a strategy which promotes public transport and active travel; considering a package of measures that will be required to change travel behaviour, including vehicle duty orders, car parking charges, planning policies, car sharing and deploying electric charging points in park/ride and park/walk facilities.	Superseded	The Climate Change Transport Decarbonisation Scenarios will progress this by identifying the roadmap for the Island to decarbonise surface transport which will move us forward in reaching net zero by 2050. This action forms part of the Climate Change Plan 2022-2027, section 3.3.
6.4	Develop an all island charging network by 2030; strategically aligning plans for private and public sector provisions (including facilities for high speed charging).	In progress	Manx Utilities are developing the Islands charging network, and have to date installed 67 public electric charging points, in line with their objective of one charging point per 10 electric vehicles on the Island. There are 772 electric vehicles currently registered on Island (February 2022). A Rapid Charger has recently been installed at the Sea Terminal.
6.5	Announce future road tax requirements.	Superseded	This action will be delivered by collaboratively working with the Department of Infrastructure to ensure alignment with the Transport Decarbonisation Scenarios as per action 6.3 above
6.6	Announce end date for registration of fossil fuelled vehicles.	Complete	The Climate Change Plan 2022-2027 formalises the commitment in section 3.3.

7	Council of Ministers commits to work with our business sector and industries to adapt as market conditions change and to facilitate economic growth in the transition to a neutral economy		
7.1	Review of business/industry emissions and options to reduce emissions - in partnership with Chamber of Commerce and other business and industry partners.	In progress	Work to improve data inputs into the greenhouse gas inventory has increased our understanding of business emissions. Supporting businesses in their plans to reduce emissions forms part of the Climate Change Plan section 3.10
7.2	Review of agriculture emissions and options to reduce emissions, in partnership with Manx National Farmers Union (MNFU).	In progress	Engagement with the MNFU is ongoing to explore what options, and what barriers, are in place to prevent further carbon sequestration on farms. An agricultural emissions reduction strategy will be developed as part of the Climate Change Plan section 4.1.
7.3	Publish a re-skilling strategy and action plan for a green economy, to include a further and higher education programme to match skills to future needs.	Not started	This action will not be delivered until all formal strategies have been delivered.
7.4	Establish a local offsetting scheme to fund Isle of Man carbon sequestration projects, initially to offset personal and business flights.	In progress	Following an initial assessment an alternative approach for investment in nature-based solutions will be sought. This action is in the Climate Change Plan 2022-2027 under section 3.10
7.5	Develop a strategy to encourage green technology and innovation on the Isle of Man.	In progress	Work is underway with external consultants to create the Economic Strategy for the Isle of Man on the opportunities in this sector. An initial presentation has taken place and options will be included in the final Economic Strategy
7.6	Investigate opportunities for further business hubs in key locations around the Island.	In progress	Island-wide there are currently business hubs in three central areas including the Innovation Centre (Ramsey), Eagle Lab (Douglas) and Engine House (Castletown). Work is underway to explore a suitable location for a business hub in Peel and continuous engagement with the private sector will contribute to further opportunities. Expanding the network of business hubs will coincide with the Active Travel Strategy to reduce travel and promote '20 minute communities'.
7.7	Develop plans that encourage a climate action and a circular economy by reviewing business	Not started	This work was not completed however, the Climate Change Plan 2022-2027 commits to review the support offered to local businesses under section 3.10

	support schemes to incentivise climate positive initiatives and discourage climate negative ones.		
8	Council of Ministers reconfirms its commitment to bring a Climate Bill into the branches by June 2020		
8.1	Carry out a formal public consultation on the Climate Change Bill.	Complete	A formal public consultation on the Climate Change Bill was carried out in July/August 2020 and the responses contributed to the formation of the Climate Change Bill. The Climate Change Act 2021 is now in effect.
8.2	Introduce a Climate Change Bill into the branches by June 2020 that will provide a legal framework to enable the deliver of net zero emissions by 2050.	Complete	The Climate Change Act 2021 came into effect on 14 December 2021
9	Council of Ministers are committed to a full awareness and engagement campaign to enable individuals and organisations to understand climate change and undertake the changes required to achieve net zero.		
9.1	Develop and implement a public information and engagement campaign; promoting zero carbon actions that individuals, families and businesses can take.	Complete	The initial public engagement and communications campaign, centring around the Climate Change Plan 2022-2027, included new social media channels, focus groups, community events and pop-up sessions across the Island to raise awareness of climate change. Further campaigns followed, including the COP26 'Together for our Planet' series of webinars and engagement along with our most recent campaign on Interim Targets in February 2022
9.2	Create website with information and resources to inform and inspire action (e.g. energy efficiency tools, business tools).	Complete	The climate change website netzero.im was launched in September 2021. This provides clear and concise advice for the Island's communities with a focus on educational toolkits and guidance to actively reduce emissions. Also included in the site are interactive dashboards, articles by subject matter experts, guidance for businesses, blogs, community events, and how to take action.

9.3	Organise community events to provide inspiration, information and advice to enable change.	Complete	Community events are a central part of our engagement programme and we have run a series of in-person drop ins, online webinars, talks and forums (including our Citizens' Forum) during the past 12 months
9.4	Commission independent focus groups to explore and report on public support and capability for change, to inform the phase 2 action plan.	Complete	Independent Focus Groups have been commissioned to complete the insights work that has identified the perceived barriers around low carbon lifestyles. These were held late in 2020. This approach will continue to find new and improved way of involving the public in the decisions that affect their lives.
9.5	Raise awareness of climate science and climate action in schools and encourage change.	In progress	Climate change Project Officers are working in partnership with the Department of Education Sport and Culture and their Environmental Educators Network to ensure that there is meaningful participation with all children and teachers in schools on climate change. To engage children in climate change a combination of learning activities and teacher training have been rolled out across the schools from September 2021.
10	Council of Ministers is committed to further research and analytical work to understand the complexities and impact of Professor Curran's report upon our economy, our environment across all sectors of our community, reporting to Tynwald with Government's climate change action plan		
10.2	Complete a comprehensive review and feasibility study on Professor Curran's report - determining more robust costs with an expenditure profile and clear understanding of the impact on all areas of our economy, our environment and across all sectors of our community.	Superseded	This work was incorporated into the development of the energy, renewable heating, transport decarbonisation and land management strategies.
10.2	Carry out further research and analytical work on areas beyond the scope of Professor Curran's report, that might provide further options for action for the Isle of Man to achieve net zero by 2050.	Complete	The Climate Change Transformation Team undertook research and analysis on a regular basis over the period of the Phase 1 Action Plan which fed into policy recommendations for the Climate Change Transformation Board

10.3	Undertake a comprehensive exercise to understand the funding options available and the social and economic implications of those options.	Superseded	Costs and funding options of key emission-reduction actions are being assessed as part of the ongoing strategy development work. Further specific research into funding, finance and socio-economic factors is required and forms part of the Climate Change Action Plan 2022-2027 section 3.7
10.4	Develop a system for setting, reviewing and monitoring carbon targets for Isle of Man emissions, with appropriate advice and validation.	Complete	Extensive work has just been completed on reviewing emissions inventories which has given us a more accurate view of our greenhouse gas emissions inventory. In accordance with the Climate Change Act 2021 an interim target is to be set via regulations, following a recent consultation, by 1 April 2022.
10.5	Carry out further research to fill evidence gaps identified within Professor Curran's and the Analytical Team's reports	Complete	Research to fill these evidence gaps is in part being fulfilled in the energy, renewable heating, transport and land management strategies.
10.6	Develop a strategy for 'just transition' that will enable all sectors of society to make the necessary changes and prevent exclusion or disadvantage through change	In progress	A just transition strategy, the Fair Change Framework, has been drafted and is expected to be published by 31 March 2022. The Fair Change Framework is intended to form part of the statutory guidance for public bodies in relation to fulfilling their duties under the Climate Change Act 2021 and incorporates guidance for implementing the principles of just transition, climate justice, sustainable development and the protection and enhancement of biodiversity, ecosystems and ecosystem services.