Public Bodies - Climate Change Reporting

This form is your annual report, required under the Climate Change (Public Bodies' Reporting Requirements) Regulations 2022 (as amended by the Climate Change (Public Bodies' Reporting Requirements) Amendment Regulations 2023).

This report relates to compliance with the climate change duties set out in Section 21 of the Climate Change Act 2021.

The climate change duties are:

- (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
 - (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.

Please complete this form and submit it to: publicbodiesclimate@gov.im along with any supporting documents.

Public bodies' climate change reporting does **not** feed into the national GHG inventory.

It is intended to provide an overview of climate action within the public sector and ensure that the climate change duties are understood and being implemented.

The report therefore focusses on a small number of high-level indicators.

It is not a full-scale, detailed emissions report, which would need to be undertaken by a suitably experienced emissions auditor.

Guidance is included throughout and FAQs are included on a separate tab.

However, if you have any queries about how to complete this form please email: publicbodiesclimate@gov.im

>>>> In each section relevant to your public body ONLY complete the GREEN fields <<<<

Only complete the sections (tabs) relevant to your category of public body, as follows:

Category A	Category B	Category C
More than 150 fte stationed employees	Between 16 and 150 fte stationed employees	Inactive or
Wiore than 150 fte stationed employees	Between 10 and 150 fte stationed employees	15 or fewer fte stationed employees
Introduction	Introduction	Introduction
Reporting Period	Reporting Period	Category C
Baseline (if baseline year different to reporting period)	Governance & Behaviour	
Governance & Behaviour	Missing & Estimated Data (if applicable)	
Missing & Estimated Data (if applicable)		

Q-I1

PUBLIC BODY INFORMATION

Name of public body (choose from drop down)	Department of Environment, Food and Agriculture	
	I	
Contact phone number	686507	
Contact email address	defa@gov.im	
Contact email address	nera@gov.m	
Number of fte stationed employees	217.86	

CATEGORIES A & B ONLY

REPORTING PERIOD DATA

In this tab enter the data for the period 1 April 2022 - 31 March 2023

>>> Only fill in the GREEN fields <<<<

Your emissions will be automatically calculated and appear in the BLUE fields

O-R1

TRANSPORT

Both category A and B public bodies must complete this question.

Enter the total amount of each vehicle fuel used <u>during the reporting period</u>, in the units listed.

	Amount used	Emissions	
Petrol (litres)	180	421	kgCO₂e
Diesel (litres)	83754	226,035	kgCO₂e
Coal (tonnes)	0	0	kgCO₂e
	Total transport emissions:	226,456	kgCO₂e

If you have used a fuel that is not listed, for the purposes of powering a vehicle, please contact CCTT

O-R2

BUILDINGS (HEATING)

Both category A and B public bodies must complete this question.

Enter the total amount of each heating fuel used <u>during the reporting period</u>, in the units listed.

	Amount used	Emissions	
Natural gas (kWh)	55734.41	10,174	kgCO₂e
Heating oil (litres)	6528	16,582	kgCO₂e
Coal (tonnes)	0	0	kgCO₂e
LPG/Propane (litres)	0	0	kgCO₂e
Wood - Logs (tonnes)	0	0	kgCO₂e
Wood - Chips (tonnes)	35	1,393	kgCO₂e
Wood - Pellets (tonnes)	0	0	kgCO₂e
	Total buildings emissions:	28,148	kgCO₂e

If you have used a fuel that is not listed, for the purposes of heating a building, please contact CCTT

Q-R3

ELECTRICITY GENERATION

Both category A and B public bodies must complete this question.

Enter the total amount of each fuel used to generate electricity during the reporting period, in the units listed.

	Amount used	Emissions]
Petrol (litres)		0	kgCO₂e
Diesel (litres)		0	kgCO₂e
	Total electricity generation emissions:	0	kgCO₂e

If you have used a fuel that is not listed, for the purposes of generating electricity for the public body's own use, please contact CCTT.

O-R4

ELECTRICITY USE

Both category A and B public bodies must complete this question.

Enter the total amount of electricity used during the reporting period, in kWh.

	Amount	Emissions	
Electricity used (kWh)	790041.4	333,397	kgCO ₂

TOTAL FOR REPORTING PERIOD

This section will show the public body's total emissions, for the reporting period, based on the data entered.

NOTE: This report is limited to a small number of high level indicators and therefore does not cover all GHGs or GHG emitting activites.

Total reported emissions:	588	,002 kg0	CO ₂ e

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LAND AND HARITATS

Both category A and B public bodies must complete this question.

Enter details of any parcels of land of over 1 hectare owned by the public body during the reporting period.

Parcel reference / address	Area (hectares)	Habitat type	Gas exchange (pa)	
Forests	2640	Forest land (woods, plantations etc.)	-6,837,600	kgC0
Glens and Amenity Sites	174	Forest land (woods, plantations etc.)	-450,660	kgCC
Semi-natural upland habitats all of which are on organic soils or organo mineral soils	8100	Grassland (pasture, rough grassland, heath etc.)	-10,692,000	kgCC
Ayres NNR	242	Grassland (pasture, rough grassland, heath etc.)	-319,440	kgCC
Wildlife Park	16.19	Wetland (marshland, curraghs, salt marsh, bogs, etc.)	0	kgCC
Mill Road Yard	2.1	Settlement (urban, buildings, car parks etc.)	5,229	kgCC
Cornaa Fish Farm	1.8	Grassland (pasture, rough grassland, heath etc.)	-2,376	kgCC
Knockaloe	109	Grassland (pasture, rough grassland, heath etc.)	-143,880	kgCC
			0	kgCC
		Total gas exchange:	-18,440,727	kgCC

IMPORTANT

Some habitat types are EMITTERS (ie. they release CO₂ into the atmosphere).

Habitat types that remove CO2 will return a minus value in the blue column, habitats that release CO2 will return a positive value.

PLEASE NOTE

This section is designed to give only a rough indication of the carbon removed by the land owned by the public body and, in future reports, to track land use change.

If you have more detailed information or would like to improve the level of detail relating to removals by land owned by the public body, please contact the Climate Change Transformation Team.

Please see 'Guidance Notes' for assumptions.

NET REPORTED EMISSIONS FOR REPORTING PERIOD

The public body's net emissions (ie. emissions minus carbon stored) for the reporting period are: kgCO₂e

Q-R6

BASELINE SAME AS REPORTING PERIOD?

Only Category A public bodies need to complete this question.

Is the reporting period also the public body's baseline year?

Yes - reporting period and baseline are the same

CATEGORIES A & B ONLY

GOVERNANCE & BEHAVIOUR

In this tab enter the data for the period 1 April 2022 - 31 March 2023

Only fill in the GREEN fields

Q-G1

DECISION MAKING

Only category A and B public bodies should complete this question.

	Description	Name of supporting document (if applicable)
Please describe any processes or mechanisms by which the public body has included the climate change duties in its	Department Policy and Strategy Paper Templates	Consideration to the duties is required as part of the development of Policy and Strategy Papers, and a review of the impact of the decision on emissions is prompted
decision making processes. See guidance notes if you are not sure how to answer.	Co-ordinating Officer / Public Bodies Report	Corporate Services have taken the responsibility to collate the information necessary for completing the report - in doing so they have provided feedback to teams and the Department on adherence to the climate change duties.
	Departmental response to strategic plan consultation seeks to include relevant climate change mitigation matters	Strategic Plan Preliminary Publicity
	Determination of Planning Applications takes into account climate change duties by adherence to policy and CCAP. Reducing emissions by directing development to existing settlements; ensuring development is sustainable and takes into account biodiversity and ecosystems.	Development Plan

Q-G2

AWARENESS

Only category A and B public bodies should complete this question.

	Description	Name of supporting document (if applicable)
Please describe any ways in which the public body has raised staff awareness of the climate change duties. See guidance notes if you are not sure	Compilation of this report	Awareness of the Department's responsibility to consider emissions and report on its duties has been raised through the completion of this first report. Through this process feedback to teams and the Department on adherence to the climate change duties has also been given.
how to answer.	Senior Management Group	A standing agenda item on this group has been in place for 12 months (plus) at which Climate Change Team have discussed progress and the impact on the Department / requirements from the Department
	TSW Office Move	The Department has moved to an approach of asigning 70% desks to people, and the reorganisation of the office space on this prinicple enabled the incorporation of another Government Department. The messaging for this new way of working encourages working from home and reducing travel emissions into the office.
	Responding to Climate Change Consultation	Informative notes on all email signatures directing recipients to the CCT consultation which closed May 2023.
	Climate Change Transformation Team (CCTT) are working toward delivery of Carbon Literacy training across government, CCTT themsleves have taken the training and a pilot group in DEFA will follow.	None.

	Net Zero website has been developed to	https://www.netzero.im/resources/public-bodies/
	include a section for public bodies, including	
	guidance, info sheets, useful links etc.	
	Webinars have been held in relation to public	
	body reporting and Climate Impact	
	Assessments.	
	Notices in offices about reduction in energy	
	consumption	

O-G3

EMISSIONS REDUCTION PLANS

Only category A and B public bodies should complete this question.

	Status	Name of document (if applicable)	l
Has the public body prepared a climate change/emissions reduction plan? Please choose from the drop down list and enter the name of the document.	Actions in other relevant documents (below)		

0-G4

OTHER RELEVANT DOCUMENTS

Only category A and B public bodies should complete this question.

Has the public body prepared any other doduties, during the reporting period?	ocuments, in relation to the climate change	Yes - see below	
	Name of document	Relevant climate change duty	Status
Please enter details of any plans, strategies or other similar documents relating to the climate change duties. Please refer to the guidance if you are not sure how to answer.	Department Plan https://www.gov.im/media/1380318/defa- department-plan-2023_compressed.pdf	All	On-going
	Isle of Man Climate Change Plan 2022-2027 https://www.gov.im/media/1376770/climate- action-plan-2022.pdf	All	On-going
	Energy Strategy https://www.gov.im/media/1379841/defa- energy-stratv8-160623_compressed.pdf	All	On-going
	Fisheries Long Term Management Plan 2022 https://www.gov.im/media/1376550/ltmp-10- 260522.pdf	All	On-going
	Agricultural Strategy 2019-29 https://www.gov.im/media/1367531/detail_t ynwald-ag-strat-presentationv3.pdf	All	On-going
	Biodiversity Strategy & Delivery Plans 2015- 2025 https://www.gov.im/media/1346374/biodive rsity-strategy-2015-final-version.pdf https://www.gov.im/media/1376450/biodive rsity-delivery-plan-for-2021-22-as-at-march- 2022.pdf	Biodiversity and Ecosystems	On-going

Only category A and B public bodies should complete this question.

Has the public body taken any action to reduce its emissions, or in relation to any other aspect of the climate change duties, during the reporting period?

Yes - see below/attached

Please complete the table below with details of any actions taken.

If multiple actions are contained within a supporting document please feel free to refer directly to the document, rather than listing the actions individually.

Description of action/s	Relevant climate change duty	Status	Name of document	
BERP Core Objective 3: Proactively respond to Climate Change Expected delivery early 2024				
Develop a plan for implement the planning obligations within the Climate Change Act (below) so they add value but avoid unnecessary bureaucracy: - maximising carbon sequestration - minimising greenhouse gas emissions - maintenance and restoration of ecosystems - biodiversity net gain - sustainable drainage systems	All	On-going	Bulit Environment Review Programme: https://www.gov.im/media/1380037/ berp-july-2023.pdf	
Food & Drink Festival, no single use plastic and recyclable pints were used	Biodiversity and Ecosystems	Complete	https://www.iomfoodanddrink.com/f	
Increasing the use of electric equipment such as chainsaws and mowers	Emissions reduction	On-going	n/a	
All renovations where possible are being converted to; air source heat pumps, light tubes etc	Sustainable Development	On-going	n/a	
Use of Microsoft Teams whilst out in the rield has led to less officers having to visit the same area	Emissions reduction On-going		n/a	
Drones are now being used to survey wide areas where previously it was carried out in person	Emissions reduction	On-going	n/a	
Preparation of and on-going programme management and coodination of the delivery of Council of Ministers' Isle of Man Climate Change Plan 2022-2027 by CCTT (part of DEFA)	All	On-going	Isle of Man Climate Change Plan 2022 2027: https://www.netzero.im/media/pkmonfmx/isle-of-man-climate-change-plan-2022-2027.pdf Annual Progress Report: https://www.netzero.im/media/wnkpuakf/progress-report-v4.pdf	
climate Change (Single Use Plastics) degulations 2022 and guidance de: Emissions reduction & biodiversity Multiple (please specify in description)		Complete	Regulations: https://legislation.gov.im/cms/images/LEGISLATION/SUBORDINATE/2022/2022- 0077/ClimateChangeSingleUsePlastics Regulations2022_1.pdf Guidance: https://www.gov.im/media/1377964/climate-change-single-use-plastic-regulations-guidance-oct2022.pdf	
Energy Efficiency Scheme Re: Emissions reduction & sustainable development	Multiple (please specify in description)	On-going	https://costoflivingsupport.gov.im/m edia/1603/energyefficiency-no2- scheme2022.pdf	

Tree planting at Greeba			
Re: Emissions reduction & biodiversity	Multiple (please specify in description)	Complete	For more information see: https://www.netzero.im/our- programme/natural-environment/
Blue Carbon Project Re: Emissions reduction & biodiversity	Multiple (please specify in description)	On-going	For more information see: https://www.netzero.im/our- programme/manx-blue-carbon- project/
On-going work by Biosphere Team to promote and support the Island's membership of the UNESCO Man and the Biosphere Programme	All	On-going	For more information see: https://www.biosphere.im/
On-going work by Fisheries Directorate in relation to sustainable fishing including Fisheries Long Term Management Plan 2022 (leading to improved sustainability rating in 2023)	All	On-going	For more information see: https://www.gov.im/media/1376550/ ltmp-10-260522.pdf https://www.gov.im/news/2023/oct/ 05/manx-king-scallop-fishery-sees- sustainability-rating-increased
CCTT work with Cabinet Office leading to UK extension of ratification of the Paris Agreement to the Isle of Man (March 2023)	Emissions reduction	Complete	For more information see: https://islandplan.im/latest/climate- change-paris-agreement-extended-to- isle-of-man/
On-going management of AES Scheme in partnership with Manx Wildlife Trust with >£700,000 payments made for environmentally sustainable projects.	All	On-going Control of the control of t	For more information see: https://www.gov.im/media/1380672/ 2022-23-aes-payment-report- uploaded-10102023.pdf https://www.gov.im/categories/busin ess-and-industries/agriculture/agri- environment-initiatives-grant- scheme/

Q-G6 HIGHLIGHTS

Only category A and B public bodies should complete this question.

Are there any actions or initiatives taken by the public body over the reporting period, in relation to the climate change duties, that you would like to highlight?

If so, please describe the action, project or initiative:	DEFA occupies Thie Slieau Whallian - a building with significant eco credentials which demonstrates the values of the Department to reduce its negative impact on the environment. The way the Department now occupies the building is a next step to further reduce any negative impact.
To which aspect of the climate change duties does the action, project or initiative relate?	Reduction in emissions
Please briefly explain why you have chosen to highlight this action, project or initiative:	Home working is encouraged with 70% numbers of desks to people approach which has reduced travel emmisions. The building occupancy has been able to be increased through this approach and it is now shared with DESC, therefore providing a reduction in building emissions accross the government estate.

CATEGORIES A & B ONLY

MISSING AND ESTIMATED DATA

Only complete if any of the data on the 'Reporting Period' or 'Baseline' tabs was missing, incomplete or estimated.

Only fill in the GREEN fields

0-1/1

MISSING AND ESTIMATED DATA

Complete the table with details of any missing, incomplete or estimated data.

Is the data missing for the baseline year, the reporting period or both?	Section	Description (eg. fuel type)	Is the data missing, incomplete or estimated?	Reason why the data was missing, incomplete or estimated.	If estimated, how was the estimate calculated?	Action planned to improve data?	Do you expect the data to be available in respect of the next reporting period? (1 April 2023 - 31 March 2024)
Chose from the drop down list.	Chose from the dropdown list. For which section of the report is the data missing, incomplete or estimated?	Enter a brief description of the data that is missing. Eg. 'petrol use' or 'fuel used to generate electricity'	Choose from the drop down list. 'Estimated' includes any data that has not been measured eg. data allocated proportionally, benchmarked or extrapolated.	Enter a brief description of why measured data could not be obtained. Eg. Shared building, data not collected/retained	Enter a brief description of how the estimate was arrived at. Eg. allocated based on number of staff, benchmarked etc. Was a recognised benchmark used?	Enter a brief description of any action planned to obtain/improve the data. Eg. data collection processes updated. If the data cannot be obtained/improved, please explain why.	Choose from the drop down list.
Both	Transport	Red Deisel used by IOM Sawmill	Estimated	Expenditure data available but litres used not easily accessible.	Price per litre as at January 2023 83.68 ppl	Review invoices for exact volume.	Yes
Both	Transport	Petrol for two Quad bikes	Missing	Dol unable to split out data		Dol reviewing	Yes
Both	Buildings	Gas usage at Murray House	Estimated	Gas usage integral to whole building	19% of whole usage attributable to DEFA	None	Yes
Both	Buildings	Gas usage at Government Analyst'sLab	Estimated	Full set of readings not available	Readings for two months extrapolated for full year	Dol reviewing	Yes
Both	Buildings	Heating oil use at St Johns site	Estimated	A proportion of usage is assigned to Department of Education, Sport and Culture	80% of usage to Thie Slieau Whallian. 42% of that usage by DESC	None	Yes
Both	Buildings	Woodchip use at St Johns site	Estimated	A proportion of usage is assigned to Department of Education, Sport and Culture	80% of usage to Thie Slieau Whallian. 42% of that usage by DESC	None	Yes
Both	Electricity use	Electricity usage Government Analyst's Lab	Estimated	Full set of readings not available	Readings for two months extrapolated for full year	Dol reviewing	Yes
Both	Electricity use	Electricity usage at Murray House	Estimated	Electricity usage integral to whole building	19% of whole usage attributable to DEFA	None	Yes
Both	Electricity use	Electricity usage for Thie Slieau Whallian	Estimated	A proportion of usage is assigned to Department of Education, Sport and Culture	42% of usage by DESC	None	Yes
Both	Electricity use	Electricity usage for all properties other than Murray House and Govt Analyst's Lab (including TSW as above)	Estimated	Expenditure data available but kWh used not easily accessible.	Cost divided by 19.4 pence per kWh	Review invoices for exact volume.	Yes