



Rialtas na hÉireann  
Government of Ireland

# CLIMATE ACTION PLAN 2023

## Annex of Actions



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# Annex of Actions Guide

The Climate Action Plan 2023 Annex of Actions sets out the measures and actions that will support the delivery of Ireland’s climate action ambition.

The actions listed in the Annex are assigned an action number and details relating to these numbers is provided below.

## Action Number

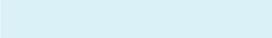
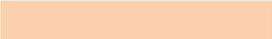
The unique action numbers for each action indicate what chapter the action relates to, what year delivery is expected and whether it is a high-level action or sub-action/enabling action. The Action Number includes a two-letter code to indicate the chapter the action relates to and the below table lists these codes and their corresponding Chapters.

Code	CAP23 Chapter
CN	Critical Nature of the Challenge
PD	Policy to Date and Expected impact of Planned Policies
RE	Research and Innovation
GV	Governance of the Challenge
JT	Ensuring a Just Transition to a Climate Neutral Ireland
JM	Delivering a Just Transition in the Midlands Region
CZ	Citizen Engagement
PS	Public Sector Leading by Example
CP	Carbon Pricing and Cross-cutting Policies
EL	Electricity
EN	Industry
BE	Built Environment
TR	Transport
AG	Agriculture
LU	Land Use, Land Use Change, Forestry
MA	The Marine Environment
CE	The Circular Economy
IC	International Climate Action
AD	Adaptation

## Colour Coding

2023 actions are shaded **Green**, 2024 actions in **Blue** and 2025 actions in **Orange**. Darker shades signify a high-level Action, while lighter shades refer to supporting or enabling actions.

## Colour key for Annex of Actions

	2023 High-Level Action
	2023 Supporting or Enabling Action
	2024 High-Level Action
	2024 Supporting or Enabling Action
	2025 High-Level Action
	2025 Supporting or Enabling Action

## Approach to CAP reporting

The Department of the Taoiseach oversees the reporting process that monitors the progress made against the actions and associated measures listed in the Annex. Quarterly progress reports are submitted to the Government before being published on the gov.ie website.

## Non-reportable Actions (\*)

A number of Actions and sub-actions within the Annex provide important detail of ongoing work and activity being undertaken in support of Ireland's climate action plan. These include the continued implementation of initiatives or work programmes that commenced in previous years, and which remain important. It is assumed that these actions will continue to be implemented as planned and they do not fall to be reported anew to Government.

There are also a number of lower impact actions, often associated with project management, that align better with Taskforce reporting (see below) and similarly do not warrant centralised reporting. Reporting will be largely confined to actions relating to new initiatives or significant steps towards achieving the Government's climate ambitions.

These non-reportable Actions will be marked with an asterisk (\*) to distinguish them from Actions that will be reported on as part of the quarterly climate reporting process.

## Duplicate Actions (\*\*)

While efforts are taken to ensure Actions are only recorded once within the Annex, there may be instances where similar or identical Actions occur in more than one section or chapter. Where this occurs, information has been included in the duplicate Action to identify the location of the original Action. A duplicate action will be marked with a double asterisk (\*\*) and the original action identifier included to indicate where it will be reported on as part of the quarterly climate reporting process.

## Climate Delivery Taskforces (TF)

The Minister for the Environment, Climate and Communications is establishing a number of cross government/agency Delivery Taskforces, to accelerate and drive delivery in key programme areas including Offshore Renewable Energy; Sustainable Mobility; Citizen Engagement; and Heating and Built Environment.

Where Actions in CAP23 align with actions/objectives set out by the Delivery Taskforces, their Action Numbers in the annex include '(TF)'.

Delivery Taskforce actions/objectives not already captured in CAP23 are included in the Annex in separate boxes.

## Glossary of Acronyms

ABP	An Bord Pleanála
ACA	Agricultural Consultants Association
AD	Anaerobic Digestion
AFIR	Alternative Fuels Infrastructure Regulation
BnM	Bord na Móna
BCP	Broadband Connection Point
BER	Building Energy Rating
BEREC	Body of European Regulators for Electronic Communications
BIK	Benefit in Kind
BIM	An Bord Iascaigh Mhara
CADB	Climate Action Delivery Board
CAP	Climate Action Plan
CAP	Common Agricultural Policy
CARO	Climate Action Regional Office
CC23	Climate Conversations 2023
CCCC	Climate Communications Coordination Committee
CCAC	Climate Change Advisory Council
CCMA	County and City Management Association
CCIM	Climate Change in the Irish Mind
CCS	Carbon Capture and Storage
CECLT	Citizen Engagement and Climate Literacy Taskforce
CEP	Clean Export Premium
ComReg	Commission for Communications Regulation
CRU	The Commission for Regulation of Utilities
KIC	Knowledge and Innovation Community (KIC)
CO <sub>2</sub>	Carbon Dioxide
CO <sub>2</sub> eq.	Carbon Dioxide Equivalent
CSO	Central Statistics Office
CSP	Common Agricultural Policy Strategic Plan
DART	Dublin Area Rapid Transit
DAERA	Department of Agriculture, Environment and Rural Affairs (UK)
DAFM	Department of Agriculture, Food and Marine
DCEDIY	Department of Children, Equality, Disability, Integration and Youth
DECC	Department of the Environment, Climate and Communications
DFHERIS	Department of Further and Higher Education, Research, Innovation and Science
DETE	Department of Enterprise, Trade, and Employment
DFA	Department of Foreign Affairs
D/FIN	Department of Finance
D/Health	Department of Health
DHLGH	Department of Housing, Local Government, and Heritage
D/Transport	Department of Transport
DPER	Department of Public Expenditure and Reform
DMURS	Design Manual for Urban Roads and Streets
DRCD	Department of Rural and Community Development
DSP	Department of Social Protection
D/Taoiseach	Department of the Taoiseach
DTCAGSM	Department of Tourism, Culture, Arts, Gaeltacht, Sports and Media
EDRRS	Enhanced Decommissioning, Rehabilitation, and Restoration Scheme
EGFSN	Expert Group on Future Skills Needs
EI	Enterprise Ireland
EIP	European Innovation Partnership
EIT	European Institute of Innovation and Technology
EMRA	Eastern and Midland Regional Assembly

ENGOs	Environmental Non -Governmental Organisations
EPA	Environmental Protection Agency
EPBD	Energy Performance of Buildings Directive
ESB	Electricity Supply Board
ESBN	Electricity Supply Board Networks
ESD	Education for Sustainable Development
ESRI	Economic, Social Research Institute
ETB	Education and Training Board
EU	European Union
EU TEN-E	European Union Trans -European Energy Networks
EV	Electric Vehicle
F -Gases	Fluorinated Greenhouse Gases
FTAI	Freight Transport Association of Ireland
GDA	Greater Dublin Area
GHG	Greenhouse Gas
GEAG	Geothermal Advisory Group
GHG	Greenhouse Gas
GNI	Gas Networks Ireland
GPP	Green Public Procurement
GSI	Geological Survey Ireland
GSRO	Geoscience Regulation Office
GW	Gigawatt
Ha	Hectare
HAC	High Ambition Coalition
HDV	Heavy - Duty Vehicle
HEA	Higher Education Authority?
HEI	Higher Education Institutions
HGV	Heavy Goods Vehicle
HSE	Health Service Executive
ICBF	The Irish Cattle Breeding Federation
IDA	Industrial Development Agency
IDWG	Interdepartmental Working Group on Climate Engagement
IEA	International Energy Agency
IMDO	Irish Maritime Development Office
IMR	Irish Manufacturing Research
IRHA	The Irish Haulage Association
JTF	Just Transition Fund
KPI	Key Performance Indicator
Kt	Kiloton
kW	Kilowatt
kWe	Kilowatt Electric
LA	Local Authority
LASNTG	Local Authority Services National Training Group
LAWPRO	Local Authority Waters Programme
LDA	Land Development Agency
LGV	Large Goods Vehicle
LIFE	L'Instrument Financier pour l'Environnement Programme
LTER	Long - Term Ecosystem Research
LTS	Long Term Strategy
LULUCF	Land Use, Land Use Change and Forestry
M&R	Monitoring and Reporting
MAC	Maritime Area Consent
MARA	Marine Area Regulatory Authority

## Glossary of Acronyms

MaREI	Research Centre for Energy, Climate, and Marine Research and Innovation
MATS	Metropolitan Area Transport Strategies
Mbit	Megabit
MI	Marine Institute
MMC	Modern Methods of Construction
MRTT	Midlands Regional Transition Team
MtCO <sub>2</sub> eq.	Million Tonnes of Carbon Dioxide Equivalent
NAF	National Adaptation Framework
NASCO	National Agricultural Soil Carbon Observatory
NASRIC	National Agricultural Sustainability Research and Innovation Centre
NDCA	National Dialogue on Climate Action
NDP	National Development Plan
NECP	National Energy and Climate Plan
NESC	National Economic and Social Council
NewERA	New Economy and Recovery Authority
NFCS	National Framework for Climate Services
NGO	Non - Governmental Organisation
NIFTI	National Investment Framework for Transport in Ireland
NPWS	National Parks and Wildlife Service
NSAI	National Standards Authority of Ireland
NSBAG	National Social and Behavioural Advisory Board
NTA	National Transport Authority
NTMA	National Treasury Management Agency
NYAC	National Youth Assembly on Climate
NZEB	Nearly Zero Energy Building
OECD	Organisation for Economic Cooperation and Development
OGP	Office of Government Procurement
OPW	Office of Public Works
ORE	Offshore Renewable Energy
OSI	Ordinance Survey Ireland
PMO	Project Management Office
PV	Photovoltaic
PSO	Public Service Obligation
RSA	Road Safety Authority
RD&D	Research, Development, and Demonstration
RESS	Renewable Electricity Support Scheme
SBCI	Strategic Banking Corporation of Ireland
SEAI	Sustainable Energy Authority of Ireland
SFI	Science Foundation Ireland
SME	Small and Medium -Sized Enterprise
SMP	Sustainable Mobility Policy
SOLAS	An tSeirbhís Oideachais Leanúnaigh agus Scileanna
SRTS	Safe Routes to School
SSRH	Support Scheme for Renewable Heat
TASMS	Targeted Agriculture Modernisation Schemes
tCO <sub>2</sub>	Tonnes of Carbon Dioxide
TII	Transport Infrastructure Ireland
TW	Terawatt
TWh	Terawatt - Hour
UCC	University College Cork
UoG	University of Galway
UKRI	UK Research and Innovation
ZEVI	Zero Emission Vehicles Ireland

# CN | The Critical Nature of the Challenge



## CN | Critical Nature of the Challenge

Theme: Critical Nature of the Challenge						
Measure: Deliver Ireland's Long Term Climate Strategy						
Actions						
Action Number	Actions	Steps necessary for delivery	Output	Timeline	Lead	Stakeholders
CN/23/1	Finalise Ireland's Long-term Climate Strategy in line with the requirements in the Climate Act 2021	As per Headline Action	Published Long Term Climate Strategy	Q4 2023	DECC	-



PD | Policy to Date and Expected  
Impact of Planned Policies

## PD | Policy to Date and Expected Impact of Planned Policies

Measure: Review Ireland's greenhouse gas emissions on a consumption basis						
Actions						
Action Number	Actions	Steps necessary for delivery	Output	Timeline	Lead	Stakeholders
PD/23/1	Conduct a review of greenhouse gas emissions on a consumption basis, with the goal of ensuring that Irish and EU action to reduce emissions supports emission reductions globally, as well as within our own territories	As per Headline Action	Publish Report	Q2 2023	DECC	EPA

Measure: Undertake a review of the Ministerial accountability framework for the sectoral emission ceilings						
Actions						
Action Number	Actions	Steps necessary for delivery	Output	Timeline	Lead	Stakeholders
PD/23/2	Undertake a review of the Ministerial accountability framework for the sectoral emission ceilings	As per Headline Action	Review completed	Q3 2023	DECC	EPA and all relevant Departments

A woman wearing a blue denim shirt and a tan cap is measuring the diameter of a tree trunk with a diameter tape. She is standing in a forest with green foliage in the background. A semi-transparent maroon banner is overlaid on the image, containing the text 'RE | Research and Innovation'.

RE | Research and Innovation

## RE | Research and Innovation

Theme: Technology and Innovation; Supporting delivery at Local Level and Ensuring a Just Transition						
Measure: Sustainable Farming and Food Production						
Actions						
Action Number	Actions	Steps necessary for delivery	Output	Timeline	Lead	Stakeholders
RE/23/1	National Agricultural Soil Carbon Observatory to be fully operational	Provide research community in Ireland with cutting-edge research facilities to better refine agricultural emissions and identify new mitigation measures to reduce greenhouse gas emissions	National Agricultural Soil Carbon Observatory is operational	Q2 2023	Teagasc	NPWS
RE/23/1/A	Establish Teagasc Signpost Advisory Service	Broaden the scope of the Signpost (Farmers for Climate Action) to develop a free climate action advisory service to farmers through a Signpost Advisory Programme. A Sustainability Digital Platform, which will facilitate individual farmer engagement with the emissions profile for their farm, is also to be developed to support this Advisory programme	Teagasc Signpost Advisory Service is established. Sustainability Digital Platform launched	Q4 2023	Teagasc	ICBF Bord Bia DAFM Signpost Partners
RE/24/1	Lead research and innovation regarding biological resources for the agri-food and bio-based sectors	Work with public and private stakeholders through the Climate-KIC deep demonstration approach for innovation in the Irish agri-food sector to help deliver an accelerated pathway of climate action.	Published outputs for climate action pathways	Q4 2024	AFM	Climate-KIC A wide range of public/private stakeholders (Industry, Policy, Societal)
RE/25/1	National Agricultural Sustainability Research and Innovation Centre (NASRIC) to be built in Teagasc, Johnstown Castle with investment of €12 million	Expansion of the Teagasc environment research programme to deliver the evidence base to support strategic national commitments to increase the sustainability of agricultural systems	NASRIC opened and operational	Q2 2025	Teagasc	-

Theme: Expertise, Knowledge, and Evidence; Technology and Innovation; Research Networks and Co-ordination						
Measure: Research Centres						
Actions						
Action Number	Actions	Steps necessary for delivery	Output	Timeline	Lead	Stakeholders
RE/24/2	Establish Co-Centre(s) for excellence in research and innovation focusing on climate and/or sustainable and resilient food systems	Launch call for proposals and receive eligible applications, followed by International Peer review. Funding decisions made based on quality of proposals received and budget available.	Co-Centres established	Q1 2024	SFI	UKRI, DAERA, DFHERIS

Theme: Research Networks and Co-ordination						
Measure: National Environmental and Energy Research Co-ordination						
Actions						
Action Number	Actions	Steps necessary for delivery	Output	Timeline	Lead	Stakeholders
RE/23/2*	Effectively coordinate and prioritise national environmental research priorities, including climate, and inform research gaps	Review the national coordination and governance structures for national environmental research	Review published	Q4 2023	EPA	DECC DFHERIS

Theme: Expertise, Knowledge and Evidence						
Measure: Knowledge Transfer and Gaps						
Actions						
Action Number	Actions	Steps necessary for delivery	Output	Timeline	Lead	Stakeholders
RE/23/3	Increase knowledge transfer and provide expertise in the development of policy	Public Service Fellowships programme rolled out	Climate research experts seconded into public sector organisations	Q4 2023	SFI	HEIs Government Departments, Agencies and the Library & Research Service of the Oireachtas
RE/23/3/A*	-	Support national predictive capability and capacity building in the areas of weather, climate and hydrology	Met Éireann's Weather and Climate Research Professorship Programme established	Q4 2023	DHLGH (Met Éireann)	-

Theme: Expertise, Knowledge and Evidence						
Measure: Evidence for Policy						
Actions						
Action Number	Actions	Steps necessary for delivery	Output	Timeline	Lead	Stakeholders
RE/23/4	Publish Ireland's Five-year Assessment Report on Climate Change	Publish the following volumes: <ul style="list-style-type: none"> <li>1 – Science: Ireland in a changing world.</li> <li>2 – Achieving climate neutrality by 2050.</li> <li>3 – Being prepared for Ireland's future climate.</li> <li>4 – Realising the benefits of transition and Transformation, and a synthesis report.</li> </ul>	Ireland's Climate Change Assessment including summaries for policymakers published.	Q4 2023	EPA	-

Theme: Climate Science and Research Infrastructures; Expertise, Knowledge and Evidence						
Measure: Land-use Research						
Actions						
Action Number	Actions	Steps necessary for delivery	Output	Timeline	Lead	Stakeholders
RE/23/5*	Support national LULUCF commitments	Use of research activity associated with Peatlands restoration and rehabilitation, including support for the EU LIFE Peatlands and People project and EDRRS	Research projects completed	Q4 2023	EPA	BnM UoG DAFM NPWS
RE/23/6	Develop governance and monitoring of selected NPWS ecosystem observation sites for integration into LTER (Long Term Ecological Research Network), and establish long-term ecosystem monitoring, including GHG measurement	Establishment of ecosystem observation network for long-term monitoring and research	Observation network established	Q4 2023	NPWS	EPA BnM GSI Marine Institute Teagasc

Theme: Expertise, Knowledge and Evidence, Supporting Delivery at Local Level and Ensuring a Just Transition						
Measure: Energy Research and Innovation						
Actions						
Action Number	Actions	Steps necessary for delivery	Output	Timeline	Lead	Stakeholders
RE/23/7*	Support Irish engagement and participation in International Energy Agency (IEA) activities	Coordinate and launch annual IEA Technology Collaboration Programmes (TCP) Appointment Call, adding new TCP areas of emerging strategic importance to Ireland including district heating, heat pumps and hydrogen	Experts appointed to key Irish TCP areas for 3-year term	Q1 2023	SEAI	DECC D/Transport DAFM
RE/23/9	Produce a practical guide for manufacturing companies looking to integrate renewables onto their site	-	Practical guide produced for manufacturing companies published	Q4 2023	EI, IMR	DETE
RE/23/10*	Launch annual National Energy Research, Development & Demonstration (RD&D) Funding Programme Call	As per Headline Action	RD&D call launched	Q4 2023	SEAI	DECC
RE/23/11*	Stimulate research, development and demonstration projects across industry and enterprise sectors with a focus on accelerating energy decarbonisation e.g., innovative approaches to decarbonising heat and electricity, energy storage solutions, renewable energy and energy efficiency solutions.	Enhance support for innovative RD&D projects through programmes including SEAI National Energy RD&D Funding Programme and other relevant industry and enterprise supports	Funding awarded and supports in place	Q4 2023	SEAI	IDA EI

Theme: Systems Research; Supporting Delivery at Local Level and Ensuring a Just Transition						
Measure: Energy Modelling						
Actions						
Action Number	Actions	Steps necessary for delivery	Output	Timeline	Lead	Stakeholders
RE/23/12	Enhance the National Energy Modelling Framework	Capture additional policy granularity and performance data to enhance projections of the combined impact of alternative mixes of measures across the energy economy	Ireland's EU NECP Analysis completed and SEAI 2022 National Energy Projections published. Assessment against EU and National renewable and carbon targets completed	Q1 2023	SEAI	DECC EPA

Theme: Supporting Delivery at Local Level and Ensuring a Just Transition						
Measure: Sustainable Heating						
Actions						
Action Number	Actions	Steps necessary for delivery	Output	Timeline	Lead	Stakeholders
RE/23/13*	Conduct research on household sustainable heating	Carry out an analysis of the viability of replacing gas in communal heating systems with a shallow geothermal heat source	Techno economic assessment for the replacement of the gas communal heating scheme completed and published	Q1 2023	SEAI	DECC GSI
RE/24/3	Improve knowledge of Ireland's geothermal heat resources and establish national targets for large- and small-scale applications	New national map of thermal conductivity values	Assessment of geothermal resources completed, resource maps published, and national targets defined	Q4 2024	GSI	SEAI

Theme: Supporting Delivery at Local Level and Ensuring a Just Transition						
Measure: Energy Data & Statistics						
Actions						
Action Number	Actions	Steps necessary for delivery	Output	Timeline	Lead	Stakeholders
RE/23/14*	Supplement national-level statistics with county and local authority level breakdowns	Aggregating and apportioning statistics from national to local/regional level	Updated local authority dashboards	Q4 2023	SEAI	CRU EPA Local Authorities CAROs

Theme: Supporting Delivery at Local Level and Ensuring a Just Transition						
Measure: Citizen Engagement						
Actions						
Action Number	Actions	Steps necessary for delivery	Output	Timeline	Lead	Stakeholders
RE/23/15	Improve citizen engagement pathways and uptake on sustainability initiatives	Assessment of optimal investments/pathways for citizens wishing to reduce energy-related emissions in an Irish context	Report published	Q4 2023	SEAI	DECC

Theme: Technology and Innovation; Expertise, Knowledge and Evidence						
Measure: National Challenge Fund						
Actions						
Action Number	Actions	Steps necessary for delivery	Output	Timeline	Lead	Stakeholders
RE/23/16	Support the Climate-neutral and Smart Cities Mission and the Climate Adaptation Mission	Establish an interdepartmental and agencies group to co- ordinate the Smart Cities Mission at national level; and provide the necessary supports to participating cities. Provide regular updates on the Climate Adaptation Mission to stakeholders via the CAROS and the National Adaptation Steering Committee	Support provided to participating cities and relevant Climate Adaptation Mission stakeholders	Q2 2023	DECC	DETE, DHLGH, DFHERIS, D/Transport D/ Finance, EPA, SEAI, Dublin City Council, Cork City Council
RE/23/17	Implement the National Challenge Fund, a €65m all-of-Government endeavour, funded under the EU Recovery and Resilience facility and administered by SFI	As per Headline Action	Final National Challenge Fund calls (sustainable communities and future food systems) launched.  Awards made for the Concept and Seed phase of all 8 Challenges	Q2 2023	SFI	Government Departments and Agencies, HEIs, EU Commission

Theme: Policy Monitoring and Evaluation						
Measure: Research and Innovation Strategies						
Actions						
Action Number	Actions	Steps necessary for delivery	Output	Timeline	Lead	Stakeholders
RE/23/18*	Implement EPA Research Strategy	<p>Continue implementation of EPA Research Strategy 2030 (including the Annual Research Funding Call) focused on supporting robust policymaking across four interconnected hubs:</p> <ul style="list-style-type: none"> <li>- Addressing Climate Change Evidence Needs</li> <li>- Protecting and Restoring our Natural Environment</li> <li>- Delivering a Healthy Environment</li> <li>- Facilitating a Green and Circular Economy.</li> </ul> <p>Conduct refresh of thematic areas for EPA Research Strategy 2030 to cover period 2024-2026, being informed directly by the National Climate Action Plan and wider policy context and through engagement with relevant stakeholders. This will inform EPA-funded research and innovation activities over this period</p>	<p>Funding awarded for research projects to support identified policy needs.</p> <p>Updated priority thematic areas for research, to support policy making in climate-relevant areas, published</p>	Q4 2023	EPA	DHLGH
RE/23/19	Ensure that research and research activities are funded in an environmentally sustainable way	Develop Action Plan	Action Plan published	Q4 2023	SFI	HEIs, Government Departments and Agencies

Theme: Climate Science and Research Infrastructures; Expertise, Knowledge, and Evidence						
Measure: Research Infrastructures						
Actions						
Action Number	Actions	Steps necessary for delivery	Output	Timeline	Lead	Stakeholders
RE/23/20*	Support the coordination of Ireland's interests in EU's Destination Earth initiative	Continue to host the cross-governmental and agency National Destination Earth Coordination Group	Meetings of National Destination Earth Coordination Group and National Destination Earth Workshop held	Q4 2023	DHLGH - Met Éireann	Government Departments and Agencies, Academia, Enterprise
RE/23/21	Establish governance and data structure to support Ireland's membership of Integrated Carbon Observation System European Research Infrastructure Consortium	Develop national governance and data management structure. Organise Ireland's 2023 Carbon Cycle Conference	National governance and data management structure established. Ireland's Carbon Cycle Conference 2023 held	Q4 2023	EPA	Teagasc, DAFM, DHLGH (Met Éireann) MI, NPWS

An aerial photograph of a circular stone well in a green field. The well has multiple concentric stone rings forming a circular structure. The water inside is a deep blue-green color. The surrounding field is lush green with some brown patches, possibly from a tree trunk or a path. A dark purple semi-transparent banner is overlaid on the top right of the image, containing the text 'GV | Governance of the Challenge' in white.

# GV | Governance of the Challenge

## GV | Governance of the Challenge

Theme: Climate Governance						
Actions						
Action Number	Actions	Steps necessary for delivery	Output	Timeline	Lead	Stakeholders
GV/23/1	Develop a monitoring and reporting system to track the KPIs set out in this Climate Action Plan	As per Headline Action	KPI monitoring and reporting system developed	Q3 2023	DECC	D/Taoiseach, EPA, All relevant data holders
GV/23/2	Establish taskforces or similar appropriate structures which focus on specific areas or initiatives of climate delivery that requires cross-Government collaboration	-	-	-	-	-
GV/23/2/A*	-	DECC to participate in all taskforces	DECC to be identified as a participant in all taskforces	Q2 2023	DECC	All relevant Departments
GV/23/2/B	-	Establish a climate delivery taskforce or similar appropriate structures which focus on specific areas or initiatives of climate delivery that require cross-Government collaboration in the agriculture sector	Taskforce established	Q2 2023	DAFM	All relevant Departments
GV/23/2/C	-	Establish a climate delivery taskforce or similar appropriate structures which focus on specific areas or initiatives of climate delivery that require cross-Government collaboration in the LULUCF sector	Taskforce established	Q2 2023	DECC	DAFM, DHLGH and all relevant Departments
GV/23/2/D	-	Establish a climate delivery taskforce or similar appropriate structures which focus on specific areas or initiatives of climate delivery that require cross-Government collaboration in the industry sector	Taskforce established	Q2 2023	DETE	All relevant Departments
GV/23/2/E	-	Establish a climate delivery taskforce or similar appropriate structures which focus on specific areas or initiatives of climate delivery that require cross-Government collaboration in the public sector	Taskforce established	Q2 2023	DECC	DPER, all relevant Departments
GV/23/2/F	-	Establish a climate delivery taskforce or similar appropriate structures which focus on specific areas or initiatives of climate delivery that require cross-Government collaboration in the electricity sector	Taskforce established	Q2 2023	DECC	All relevant Departments
GV/23/2/G	-	Establish a climate delivery taskforce or similar appropriate structures which focus on specific areas or initiatives of climate delivery that require cross-Government collaboration in the residential built environment sector	Taskforce established	Q2 2023	DECC	All relevant Departments

GV/23/2/H	-	Establish a climate delivery taskforce or similar appropriate structures which focus on specific areas or initiatives of climate delivery that require cross-Government collaboration in the commercial built environment sector	Taskforce established	Q2 2023	DETE	All relevant Departments
GV/23/2/I	-	Establish a climate delivery taskforce or similar appropriate structures which focus on specific areas or initiatives of climate delivery that require cross-Government collaboration in the transport sector	Taskforce established	Q2 2023	D/Transport	All relevant Departments
GV/23/2/J	-	Establish a climate delivery taskforce or similar appropriate structures which focus on specific areas or initiatives of climate delivery that require cross-Government collaboration in citizen engagement	Taskforce established	Q2 2023	DECC	All relevant Departments
GV/23/2/K	-	Establish a climate delivery taskforce or similar appropriate structures which focus on specific areas or initiatives of climate delivery that require cross-Government collaboration in ensuring a just transition	Taskforce established	Q2 2023	DECC	All relevant Departments
GV/23/3	Finalise an annual climate action planning and reporting cycle	Annual climate action planning and reporting cycle finalised	Annual climate action planning and reporting cycle communicated to all Departments	Q2 2023	DECC	D/Taoiseach
GV/23/4	Develop proposals on how individual sectors could bear any EU compliance costs for the State arising from failure to reach sectoral targets	As per Headline Action	Development of proposals	Q4 2023	DPER	DECC
GV/23/5	Develop a standardised, evidence-based approach for assessing the climate impact of policy proposals	Develop a standardised and evidenced based methodology to evaluate the climate implications of policy proposals being brought to Government	Methodology and required supports identified and implementation plan agreed	Q4 2023	DECC	D/Taoiseach, DPER, EPA
GV/23/6*	Ensure Ireland's Long-term Climate Strategy is fully aligned with the Climate Action Plan, nd national and EU legislative requirements	As per Headline Action	Assessment of LTS, Climate Action Plan, and national and EU legislative requirements undertaken.	Q4 2023	DECC	All relevant Government Departments
GV/23/7	Finalisation of the sectoral emissions ceiling for the LULUCF sector	As per Headline Action	Sectoral emissions ceiling ceilings for the LULUCF sector approved by Government	Q4 2023	DECC	DAFM, relevant Agencies
GV/23/8	Unallocated savings to be allocated across sectoral emissions ceilings in advance of the second carbon budget period.	As per Headline Action	Unallocated savings allocated across sectoral emissions ceilings and approved by Government	Q4 2023	DECC	All Government Departments



JT

# Ensuring a Just Transition to a Climate Neutral Ireland

## JT | Ensuring a Just Transition to a Climate Neutral Ireland

Theme: Ensuring a Just Transition to a Climate Neutral Ireland						
Measure: Achieving a Just Transition in Ireland						
Actions						
Action Number	Actions	Steps necessary for delivery	Output	Timeline	Lead	Stakeholders
JT/23/1	Establish a Just Transition Commission	Seek Government approval for proposals	Establishment of Commission	Q2 2023	DECC	-
JT/23/2	Ensure that targeted social welfare measures are put in place to prevent fuel poverty and support a just transition	Channel carbon tax revenues to appropriate social welfare schemes	Social welfare supports to prevent fuel poverty	Q4 2023	DSP	-
JT/23/3*	Promote timely and tailored activation and training responses for workers whose jobs are at risk by the decarbonisation process	Encourage early engagement from employers where business decisions regarding decarbonisation may result in job losses through the promotion of DSP services in conjunction with the Education & Training Boards	Tailored activation and training support in place	Q4 2023	DSP	Relevant Employers, ETBs
JT/23/4**	Build on existing education and training measures in place to address identified skills' needs	Action will be reported under BE/23/18	-	-	-	-

A woman with blonde hair tied back, wearing a blue quilted jacket and blue jeans, is kneeling in a field of tall grass and small yellow and pink flowers. She is holding a long, vertical, perforated metal rod. A ruler is placed against the rod, and she appears to be measuring its height. The scene is outdoors, and the lighting suggests it might be late afternoon or early morning.

JM

# Delivering a Just Transition in the Midlands Region

# JM | A Just Transition Implementation Plan for the Midlands Region

Theme: A Just Transition Implementation Plan for the Midlands Region						
Measure: Achieve a just transition in the Midlands region						
Actions						
Action Number	Actions	Steps necessary for delivery	Output	Timeline	Lead	Stakeholders
JM/23/1	Coordinate regional and local strategic partnerships in the Midlands region to support the transition to a low-carbon economy	Coordinate Local Authorities, state agencies and other relevant stakeholders in the Midlands region to ensure an integrated approach	MRTT Steering Group meeting four times per annum, with work supported by MRTT sub-groups	Q4 2023	MRTT	DECC
JM/23/2*	Support delivery of projects under the National Just Transition Fund 2020	MRTT Working Groups to provide assistance to Grantees for project implementation	MRTT working groups provide forum for National Just Transition Fund projects to engage with wider ecosystem of supports in the Midland's region	Q4 2023	MRTT	JTF Grantees
JM/23/3*	Deliver European Innovation Partnership projects in the Midlands Region	Support provided for new projects through EU Just Transition Fund Programme	Farmers supported to reduce emissions through new ways of sustainable land management on peat soils	Q4 2023	DAFM	Landowners
JM/23/4*	Develop opportunities to unlock the full potential of the bioeconomy in Midlands Region	Roll out calls for proposals supported by EU Just Transition Fund Programme	Further development of bioeconomy in the Midlands region	Q4 2023	DAFM	-
JM/23/5*	Evaluate potential geological resources to provide supporting information for the transition to low carbon economy	Evaluate the potential for communities and local economies to use groundwater, geothermal energy, sand and gravel deposits and mineral resources	Feasibility reports completed	Q3 2023	Geological Survey Ireland	DECC, BnM, Local Authorities, SEAI
JM/23/6*	Support regeneration, repurposing and sustainable development of walking and cycling tracks and trails, and waterways	Design, ensure regulatory compliance and implement schemes through EU Just Transition Fund Programme	Commence schemes to support development of tourism, outdoor and recreation amenities for the Midlands region	Q4 2023	Failte Ireland	DECC, EMRA, DTCAGSM
JM/23/7**	Support the enhanced rehabilitation and restoration of peatland sites in the Midlands, including raised and blanket bog, fens and other wetland types	Action will be reported under LU/23/15	-	-	-	-
JM/23/8**	Deliver the Enhanced Decommissioning, Rehabilitation and Restoration Scheme for Bord Na Móna peatlands	Action will be reported under LU/23/15	-	-	-	-
JM/23/9*	Support the decarbonisation of public and private local rural bus routes	Scoping, installation of electric charging points, and purchase of public local rural electric buses supported by EU Just Transition Fund Programme	Mechanism to support electric charging points and electric buses in the Midlands, designed and actioned	Q4 2023	NTA	D/Transport
JM/23/10*	Support the installation of publicly available fast and high-powered charge point infrastructure	Support EV charging points at community centre sites in the Midlands, supported by EU Just Transition Fund Programme	Mechanism in place and actioned	Q4 2023	D/Transport	-



# CZ | Citizen Engagement

## CZ | Citizen Engagement

Theme: Awareness						
Measure: Increasing awareness of climate change based on evidence						
Actions						
Action Number	Actions	Steps necessary for delivery	Output	Timeline	Lead	Stakeholders
CZ/23/1*	Advance coordinated climate action communications from the centre of Government	Agree and begin implementation of a 2023 CCCC work programme for climate communications	Work programme and initial/planned communication outputs	Q1 2023	D/Taoiseach	CCCC, All Departments
CZ/23/2*	Provide insights from NDCA Programme to support climate communications	Collate and synthesise findings from research and engagement activities to establish an evidence base to inform communications	Periodic presentations to the CCCC on findings from the NDCA work programme	Q4 2023	DECC	EPA, National Social and Behavioural Advisory Group (NSBAG)

Theme: Engagement						
Measure: Delivering an inclusive programme of engagement to inform climate policy						
Actions						
Action Number	Actions	Steps necessary for delivery	Output	Timeline	Lead	Stakeholders
CZ/23/3	Deliver the National Dialogue on Climate Action	-	-	-	-	-
CZ/23/3/A	-	Launch the NDCA Annual Report for 2022	NDCA Annual Report published	Q1 2023	DECC	EPA, DCEDIY, Local Authorities, D/T
CZ/23/3/B	-	Host the annual National Youth Assembly on Climate	Short report of the NYAC published	Q2 2023	DCEDIY	DECC, Foróige, EPA
CZ/23/3/C*	-	Host the climate lecture series and the EPA Climate Conference	Climate Conference and two climate lectures held to inform the Climate Conversations 2023 Report	Q4 2023	EPA	DECC
CZ/23/3/D	-	Host two National Climate Stakeholder Forum (NCSF) events	Short reports on NCSF events published	Q4 2023	DECC	EPA, DRCD, Local Authorities
CZ/23/4	Deliver the Climate Conversations 2023	Deliver the Climate Conversations 2023 (CC23) including an online consultation, regional workshops, and in-depth interviews with experts	Publish Climate Conversations Report 2023	Q3 2023	DECC	Interdepartmental Working Group on Climate Engagement (IDWG), National Social and Behavioral Advisory Group (NSBAG)
CZ/23/5(TF)	Deliver a whole of government governance structure to guide the delivery of the NDCA Programme	Host meetings of the Climate Literacy Taskforce (CECLT), Inter-departmental Working Group (IDWG), Climate Engagement, and National Social and Behavioural Advisory Group on Climate Action (NSBAG)	Meeting Agendas, Meeting Minutes	Q4 2023	DECC	Interdepartmental Working Group on Climate Engagement (IDWG), National Social and Behavioral Advisory Group (NSBAG), Climate Engagement and Climate Literacy Taskforce (CECLT), Climate Communications Coordination Committee (CCCC)
CZ/23/11*	Support initiatives and activities that deliver practical and innovative solutions to address climate change at local level	Continued support for the development of PPN Community Wellbeing Statements via structured consultation process with PPN members	Community Wellbeing Statements (including environmental component) in place across all 31 PPNs	Q4 2023	DRCD	DECC

Theme: Climate Literacy						
Measure: Promoting climate literacy and improving people's capacity to act						
Actions						
Action Number	Actions	Steps necessary for delivery	Output	Timeline	Lead	Stakeholders
CZ/23/6	Support, through the education system, the required initiatives to support the development of a climate neutral economy	<ul style="list-style-type: none"> <li>Progress implementation of ESD to 2030</li> <li>Raise awareness and understanding of ESD</li> <li>Annual ESD Stakeholder Forum</li> </ul>	<ul style="list-style-type: none"> <li>Progress report</li> <li>Quarterly newsletter issued to stakeholders</li> <li>Forum hosted</li> </ul>	Q4 2023	D/Education, DFHERIS, DCEDIY	HEA, HEIs, Schools, Youth, Local Authorities, Civil Society Organisations
CZ/23/6/A*	-	Progress implementation of ESD to 2030, the Second National Strategy on Education for Sustainable Development	Progress report	Q4 2023	D/Education, DFHERIS, DCEDIY	HEA, HEIs, Schools, Youth, Local Authorities, Civil Society Organisations
CZ/23/6/B*	-	Raise awareness and understanding of ESD and its centrality to lifelong learning among key stakeholders	Quarterly newsletter issued to stakeholders	Q4 2023	D/Education	-
CZ/23/6/C*	-	Organise and host an annual ESD Stakeholder Forum	Forum hosted	Q4 2023	D/Education, DFHERIS, DCEDIY	DECC
CZ/23/7	Support climate literacy through formal education (primary and secondary curriculum)	Commence introduction process for new Leaving Certificate Curriculum – Climate Action and Sustainable Development	Climate Action and Sustainable Development included in the Leaving Certificate Curriculum	Q3 2024	D/Education	D/Education
CZ/23/8*	Promote climate literacy through non-formal education	Promote Climate Literacy through the Green-Schools, Green Campus Young Reporter for the Environment (YRE), and Climate Ambassador Programmes	Report on delivery of these Green-Schools, Green Campus Young Reporter for the Environment (YRE), and Climate Ambassador Programmes in 2023 including learning outcomes	Q3 2023	An Taisce	DECC
CZ/23/8/A*	-	Promote the Extra Personal Vacation Online Climate Action Teacher Training course for primary teachers	Teacher Training Course delivered	Q3 2023	An Taisce	DECC
CZ/23/8/B*	-	Review, develop and promote Climate Action resources from Junior Primary to Senior Cycle	Climate Action Resources promotion through Green-Schools and Climate Action networks, teacher training. Continued development of senior primary resource in connection with Primary Ambassador programme	Q3 2023	An Taisce	DECC
CZ/23/8/C*	-	Implement and develop the Primary Ambassador Programme for Senior Primary.	Completed pilot programme and associated learnings	Q3 2023	An Taisce	DECC
CZ/23/8/D*	-	Deliver the Young Reporters for the Environment programme and competition focusing on Climate Action.	Increased number	Q3 2023	An Taisce	DECC

CZ/23/8/E*	-	Organise Climate Action Week as an opportunity to support actions and communications across Green-Schools, Green Campus and Young Reporter for the Environment (YRE) and the wider community	Climate Action Week events	Q4 2023	An Taisce	DECC
CZ/23/8/F*	-	Fund and support the Climate Ambassador Programme by providing Training, Network Events, Public Outreach, Podcast, and Climate Ambassador Awards	Climate Ambassadors trained, events held, public outreach materials, and awards ceremony	Q4 2023	An Taisce	DECC
CZ/23/8/G*	-	Promote the connections and benefits which the Green Schools programme brings in terms of measurable and actionable climate action through all aspects of the programme.	Climate Action links highlighted across all Green-Schools themes	Q4 2023	An Taisce	DECC
CZ/23/8/H*	-	Expand and engage the Green- Campus network programme.	10 re-assessments with potential 5 new awarded sites.	Q4 2023	An Taisce	DECC
CZ/23/9	Promote climate literacy through informal education	Capture examples of best practice from stakeholders delivering programmes which embed sustainability and climate actions in activities relating to work and leisure	Inclusion of climate narratives across sectoral areas: transport, land use, built environment, etc.	Q4 2023	DECC	Interdepartmental Working Group on Climate Engagement (IDWG)

**Theme: Behavioural Change**

**Measure: Empower people to make positive behavioural changes that improve their quality of life.**

**Actions**

Action Number	Actions	Steps necessary for delivery	Output	Timeline	Lead	Stakeholders
CZ/23/10	Employ the latest research to provide an evidence base to support work of the NDCA, CCCC, IDWG, and CECLT and the Climate Action Plan and sectoral policy.	-	-	-	-	-
CZ/23/10/A	-	Deliver programme of social and behavioural research guided by the work of the National Climate Change Behavioural Insights and Implementation Unit	Social and behavioural research publications	Q4 2023	DECC	National Social and Behavioral Advisory Group (NSBAG)
CZ/23/10/B	-	Conduct the 2nd Climate Change in the Irish Mind study examining Irish behaviours and attitudes to climate change	CCIM Report	Q4 2023	EPA	Interdepartmental Working Group on Climate Engagement (IDWG), National Social and Behavioral Advisory Group (NSBAG)

# PS | Public Sector Leading by Example



## PS | Public Sector Leading by Example

Theme: Leadership, Governance and Accountability						
Measures: Implementation of Public Sector Climate Action Mandate						
Actions						
Action Number	Actions	Steps necessary for delivery	Output	Timeline	Lead	Stakeholders
PS/23/1	Public Sector Climate Action Mandate to be implemented by all relevant Public Sector bodies	-	-	-	-	-
PS/23/1/A	-	Update roadmap guidance to reflect updates to Public Sector Mandate as included in CAP23	Updated roadmap guidance published to reflect updates to Public Sector Mandate as included in CAP23	Q2 2023	SEAI, EPA	DECC
PS/23/1/B	-	All relevant public sector bodies to update their Roadmap to implement CAP23 Mandate	Updated roadmaps by public sector bodies completed	Q3 2023	SEAI	All public sector bodies that are subject to the Mandate

Theme: Leadership, Governance and Accountability						
Measures: Enhance climate governance framework in public sector bodies						
Actions						
Action Number	Actions	Steps necessary for delivery	Output	Timeline	Lead	Stakeholders
PS/23/2	Deliver a strategy to achieve at least a 51% reduction in GHG emissions and a 50% improvement in public sector energy efficiency by 2030	As per Headline Action	Strategy published	Q1 2023	DECC	-
PS/23/3	Strengthen climate action reporting in public sector bodies	-	-	-	-	-
PS/23/3/A	-	Widen Annual Report on Public Sector Energy Performance to include the public sector decarbonisation target	Develop and publish a single 'Annual Public Sector Energy Performance and Greenhouse Gas Emissions Report' combining public sector decarbonisation with energy efficiency performance	Q1 2023	SEAI	DECC, EPA
PS/23/3/B	-	The EPA national inventory will be updated to reflect M&R data	The EPA national inventory updated to reflect M&R data	Q4 2023	EPA	SEAI, DECC
PS/23/3/C	-	Develop standardised approach for scope 3 measurement and reporting	Standardised approach agreed for monitoring GHG emissions and wider climate action	Q3 2023	SEAI	EPA, DECC
PS/23/3/D	-	Approach agreed to build out of M&R system to integrate reporting on the Mandate	M&R system is built out to incorporate reporting on the Mandate	Q3 2023	SEAI	EPA, DECC
PS/23/3/E	-	Update Code of Practice for the Governance of State Bodies to reflect requirement to report on the Public Sector Mandate	Code of Practice for the Governance of State Bodies is updated to reflect requirement to report on the Public Sector Mandate	Q3 2023	DPER	DECC, DFIN
PS/23/4	Development and delivery of HSE Climate Action and Sustainability Strategy 2022-2050	Development of HSE frameworks and implementation plans targeting priority focus areas, with additional workstreams around developing enabling environments	Frameworks, plans and workstreams developed	Q4 2023	HSE	Dept of Health
PS/23/5*	Implementation of Commercial Semi- State Climate Action Framework	NewERA to monitor implementation of commitments in Commercial Semi State Framework and report to DECC on a biannual basis	6-monthly updates to DECC to monitor commercial semi state framework implementation	Q1 and Q3	NewERA	DECC
PS/23/6	Development and delivery of Local Authority Climate Action Plans	-	-	-	-	-

PS/23/6/A	-	Report on development and delivery of LA CAP	Reports published	Q4 2023	CARO	DECC, all Local Authorities
PS/23/6/B	-	Local authority staff to receive climate action training under Local Authority Climate Action Training Programme	8000 LA staff to receive training	Q4 2023	Eastern & Midlands Climate Action Regional Office	DECC, Tipperary County Council, LASNTG, All Local Authorities
PS/23/7**	Implement the Second National Strategy on Education for Sustainable Development to 2030	Action will be reported under CZ/23/6/A	Progress report published	Q4 2023	DFHERIS	D/Education, DCEDIY

**Theme: Leadership, Governance and Accountability**
**Measures: Increase climate literacy in the public sector as key driver of public sector leadership**
**Actions**

Action Number	Actions	Steps necessary for delivery	Output	Timeline	Lead	Stakeholders
PS/23/8	Development and delivery of a report on capacity of public sector to deliver climate action	-	-	-	-	-
PS/23/8/A	-	Publish report on capacity of public sector to deliver climate action identifying action areas	Report published	Q2 2023	DPER	D/Taoiseach, DECC
PS/23/8/B	-	Consider recommendations from IPA review of climate action capacity and capability in the civil service and present implementation proposals to the Climate Action Delivery Board	Presentation of implementation proposals to the CADB	Q4 2023	D/ Taoiseach	DPER, DECC
PS/23/9	Provision of climate- related training and upskilling	-	-	-	-	-
PS/23/9/A	-	Engage with OneLearning on provision of climate related training and upskilling	Proposal for training programme content and structure produced	Q2 2023	DECC	DPER, OneLearning
PS/23/9/B**	-	Public sector to be included in "Climate and the Irish Mind survey" to monitor effectiveness of the training and capacity uilding delivered. Action to be reported under CZ/23/10/B	Survey updated and commenced	Q3 2023	EPA	DECC

Theme: Public Sector Transport - Decarbonising fleet and sustainable transport policies						
Measure: Acquisition of low emissions light duty vehicles						
Actions						
Action Number	Actions	Steps necessary for delivery	Output	Timeline	Lead	Stakeholders
PS/23/10*	Support development of Public Procurement Framework for charging infrastructure for public sector fleets	Convene group to discuss structures for delivery of Public Procurement Framework	Approach, roles, and responsibilities agreed	Q2 2023	D/Transport	DPER, DECC, OGP, OPW, ZEVI

Theme: Green Public Procurement						
Measure: Implement GPP in the public sector						
Actions						
Action Number	Actions	Steps necessary for delivery	Output	Timeline	Lead	Stakeholders
PS/23/11	Review and update Green Tenders: an Action Plan on Green Public Procurement to provide an updated and fit for purpose plan for greener public sector purchasing (new strategy and action plan)	As per headline action	New GPP Strategy and Action Plan published	Q3 2023	DECC	OGP, EPA
PS/23/12	Support implementation of GPP in public sector	-	-	-	-	-
PS/23/12/A	-	Support delivery of GPP procurer & specifier training for the public sector	Training courses delivered	Q1 2023	EPA	DPER, One Learning
PS/23/12/B	-	Support monitoring and reporting on GPP implementation by government departments	Report on GPP implementation by government depts (reference year 2021) published	Q1 2023	EPA	All government departments
PS/23/12/C	-	Develop and publish Irish GPP criteria sets as new/revised criteria developed by the European Commission	New or revised GPP criteria sets published	Q4 2023	EPA	OGP, DECC

A photograph of railroad tracks curving into the distance under a bright sun. The tracks are made of steel rails on wooden ties, set on a bed of gravel. The sun is low on the horizon, creating a strong lens flare and casting long shadows. The background shows some greenery and utility poles. A semi-transparent purple overlay is present in the middle of the image, containing the text.

CP

# Carbon Pricing and Cross-cutting Policies

## CP | Carbon Pricing and Cross-cutting Policies

Theme: Carbon-pricing						
Measure: Expenditure and Taxation Policies						
2023 - 2025 Actions						
Action Number	Actions	Steps necessary for delivery	Output	Timeline	Lead	Stakeholders
CP/23/1	Monitor and review the carbon tax increases as legislated in the 2020 Finance Act	As per Headline Action	Annual Budget published	Q4 2023	DFIN	-
CP/23/2	Consider a number of reforms to the taxation system under relevant tax heads from an environmental perspective	As per Headline Action	Alignment between national fiscal policies and the climate objective	Q4 2023	DFIN	-
CP/23/3	Undertake analysis and research on green budgeting	As per Headline Action	Green budgeting analysis published alongside Budget Expenditure information published with Revised Estimates Volume	Q4 2023	DPER	DFIN
CP/23/4	Continue with the Public Spending Code review to continue and enhance alignment with international best practice, including tools to evaluate the climate and environmental investment impacts, methodology for assessing climate risk and uncertainty and compatibility with Ireland's climate neutrality objective	As per Headline Action	Updated Appraisal Guidance	Q4 2023	DPER	-
CP/23/4/A	-	Finalise research on marginal abatement cost of reaching our climate targets in order to revise the shadow price of carbon appropriately	Updated shadow price of carbon established	Q1 2023	DPER	-
CP/23/4/B	-	Complete a review of how we assess the emissions impact of infrastructure investment	Publish a report on what reforms might be implemented to improve these assessments	Q1 2023	DPER	-
CP/23/5	Develop definitions to identify and track government spending that may be having a negative impact on climate and environmental outcomes	As per Headline Action	Paper published	Q1 2023	DPER	-

Theme: Carbon Pricing						
Measure: Climate Action Investment						
2023 – 2025 Actions						
Action Number	Actions	Steps necessary for delivery	Output	Timeline	Lead	Stakeholders
CP/23/6	Promote the further development of the sustainable finance sector to facilitate increased investment in zero-emissions sectors in Ireland	Implement the Actions set out in Ireland's Sustainable Finance Roadmap and engagement on the sustainable finance agenda at EU and international level	Actions implemented	Q4 2023	DFIN	-
CP/23/6/A*	-	NewERA will continue to work with the commercial semi-State companies, the Ireland Strategic Investment Fund, the Strategic Banking Corporation of Ireland, and other public bodies, to identify priority opportunities in key sectors to mobilise private investment towards assisting in meeting our climate objectives	6-monthly updates to DFIN to include relevant sustainable finance developments Timeline: Q2 and Q4 Annually	Q2 and Q4 Annually	NewERA	DFIN, DPER, DECC
CP/23/7	Consider further opportunities for issuing new Irish Sovereign Green Bonds, and monitor the allocation and impact of funds raised through existing Irish Sovereign Green Bonds	As per Headline Action	Potential further issuance of Irish Sovereign Green Bonds	Q1 2023	NTMA	-
CP/23/8*	Promote opportunities for European Investment Bank investment in relevant climate projects in Ireland	As per Headline Action	Working group to provide standing mechanism for engagement on EIB financial and advisory support	Q4 2023	DFIN	-

Theme: Cross-cutting Policies						
Measure: Spatial and Planning Policy						
2023 - 2025 Actions						
Action Number	Actions	Steps necessary for delivery	Output	Timeline	Lead	Stakeholders
CP/23/9	Establish a working group to examine implementation of climate actions in the National Planning Framework	As per Headline Action	To retain and/or strengthen climate action policy objectives in implementation and forthcoming review of the National Planning Framework	Q1 2023	DHLGH	
CP/23/10	Plan for and progress the regeneration and development of underutilised and centrally located sites to provide compact sustainable development, jobs, amenities, and services	As per Headline Action	Strategic Areas Framework/ Masterplans developed, consulted on, and published	Q1 2023	LDA	DHLGH
CP/23/11	Support and promote a modal shift towards healthy active and sustainable mobility in the design and delivery of our developments. Plan to reduce travel by private car and design to optimise connectivity and access to sustainable and active travel. Promote mobility management planning and e- mobility as well as options for car sharing/clubs	As per Headline Action	LDA Sustainable Design Strategy publication and design approach for key schemes supporting modal shift	Q1 2023	LDA	DHLGH
CP/23/12	Relevant bodies shall, where practicable, ensure private sector investment is consistent with the Government's Sectoral Emission Ceilings	-	-	-	-	-
CP/23/12/A	-	Designation of public bodies that are responsible for distributing or allocating public funding to private enterprises or other state agencies	List of relevant bodies	Q3 2023	DECC	D/Taoiseach, DPER, relevant Departments & Public Bodies
CP/23/12/B	-	Issue instructions and guidelines on reporting mechanisms, to ensure consistency with the sectoral emissions ceilings, and address instances where there is a lack of alignment with the emission ceilings	Instructions and guidelines issued	Q3 2023	DECC	D/Taoiseach, NewERA, DPER, relevant Departments & Public Bodies
CP/23/12/C	-	Request public bodies report to their relevant Ministers	Annual Reports (potentially as part of existing annual reports)	Q4 2023	DECC	D/Taoiseach, DPER, relevant Departments & Public Bodies
CP/23/12/D	-	Ministers to report to Government	Memos for Information	Q4 2023	DECC	D/Taoiseach, DPER, relevant Departments & Public Bodies

An aerial photograph of a large-scale solar farm. The solar panels are arranged in neat, parallel rows, separated by green grass. A central feature is a large, rectangular water reservoir with a reddish-brown hue. Several people and vehicles are visible near the reservoir, suggesting a site visit or maintenance activity. The overall scene is bright and clear, indicating a sunny day.

# EL | Electricity

## EL | Electricity

Accelerate Renewable Energy Generation						
Measure: Accelerate Renewables		2025 KPI: 50% renewable electricity share of demand. 6 GW onshore wind capacity. Up to 5 GW solar PV capacity including at least 1 GW of non-new grid solar.	2025 Abatement Potential for Measure: 1.3MtCO <sub>2</sub> eq (Shared with 'Accelerate Flexibility' measure)			
Actions						
Action Number	Actions	Steps necessary for delivery	Output	Timeline	Lead	Stakeholders
EL/23/1**	Establish a taskforce to accelerate renewables	Action reported under GV/23/2	Taskforce established	Q2 2023	DECC	
EL/23/2	Publish the Renewable Electricity Spatial Policy Framework	As per Headline Action	Framework published	Q3 2023	DECC	DHLGH, Regional Assemblies, SEAI
EL/23/3	Publish a roadmap for the development and implementation of Regional Renewable Electricity Strategies	As per Headline Action	Roadmap published	Q4 2023	Regional Assemblies	DECC, DHLGH, SEAI
EL/23/4	Prepare new draft wind energy guidelines for onshore renewables	As per Headline Action	Draft guidelines prepared	Q4 2023	DHLGH	DECC
EL/23/5	Complete analysis to update Shaping Our Electricity Future to accommodate 80% renewables and align with carbon budgets and sectoral emissions ceilings for electricity	As per Headline Action	Analysis published	Q2 2023	EirGrid	-
EL/23/6*	Ensure electricity generation grid connection policies and regular rounds of connection offers which facilitate timely connecting of renewables, provides a locational signal and supports flexible technologies	-	-	Q4 2023	CRU, EirGrid, ESBN	-
EL/23/6/A*	-	Hold regular rounds of connection offers for renewable electricity	Connection offers batch opening	Q4 2023	EirGrid ESBN	-
EL/23/6/B	-	Ensure connection policies facilitate renewable electricity	Connection policies reviewed and published	Q4 2023	CRU	-
EL/23/7	Publish an annual report setting out identifiable public benefits delivered by renewable energy sector including employment and skills/training metrics, local investment and community benefits	As per Headline Action	Report published	Q4 2023	Renewable Energy Ireland	SEAI, DECC
EL/23/8	Ensure MARA commences the consenting processes under its remit	As per Headline Action	MARA commences the consenting processes	Q3 2023	MARA	-
EL/23/9	Publish a system-wide plan for the delivery of ORE in Ireland	As per Headline Action	Publication	Q2 2023	Offshore Wind Delivery Taskforce	-

EL/23/10	Deliver onshore and offshore RESS auctions as per the annual RESS auction calendar	-	-	-	-	-
EL/23/10/A	-	Deliver Onshore RESS auction	Auction held	Q3 2023	DECC	EirGrid, CRU
EL/23/10/B	-	Deliver Offshore RESS auction	Auction held	Q2 2023	DECC	EirGrid, CRU
EL/23/11	Publish decision and mechanism for Premium Export Guarantee to facilitate larger on-site generation investments	As per Headline Action	Decision published	Q4 2023	CRU	-
EL/23/12	Publish implementation plan for Clean Export Premium feed-in tariff in support of rooftop solar > 6 kWe < 50kWe	As per Headline Action	Publication of implementation plan	Q4 2023	CRU	-
EL/23/13	Publish the Small-scale Generation high-level design and launch scheme to support the deployment of rooftop and ground mounted solar	-	-	-	-	-
EL/23/13/A	-	Publish the Small-Scale Generation Scheme (SSGS) high-level design	Publication of Design	Q2 2023	DECC	ESBN, SEAI, CRU
EL/23/13/B	-	Launch Small Scale Generation Scheme	Launch scheme	Q4 2023	DECC	ESBN, SEAI, CRU
EL/23/14*	Ensure that hybrid technology grid connections are facilitated, and remaining barriers removed	As per Headline Action	Confirmation provided	Q4 2023	CRU	EirGrid, ESBN
EL/23/15	Publish public consultation on private wires with published policy to follow and, if necessary, Government enact facilitating legislation	As per Headline Action	Consultation published	Q4 2023	DECC	DETE

**Theme: Accelerate Flexibility**

<b>Measure: Flexibility</b>	<b>2025 KPI: Level of renewables at any one time on grid: 85%. Dispatch down (excluding oversupply) of renewables below 7%. Minimise oversupply, Required long term storage (4 hour plus) in place</b>	<b>2025 Abatement Potential for Measure: 1.3MtCO<sub>2</sub>eq (Shared with 'Accelerate Renewable Energy Generation' measure)</b>
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**Actions**

Action Number	Actions	Steps necessary for delivery	Output	Timeline	Lead	Stakeholders
EL/23/16	Publish updated Interconnection Policy to reflect Ireland's increased climate and energy ambition, the revised EU TEN-E Regulation, Brexit challenges and the increased significance of hybrid interconnectors	As per Headline Action	Publication	Q2 2023	DECC	-
EL/23/17	Following completion of DECC Interconnector Policy, CRU to update its Interconnection Policy	As per Headline Action	Policy update	Q4 2023	CRU	-
EL/23/18	Complete and publish System Services Future Arrangements Phase III: Detailed Design and Implementation Transition Pathway	As per Headline Action	Policy update	Q1 2023	CRU	-
EL/23/19*	Prepare Implementation Plan for Future Arrangements for System Services	As per Headline Action	Implementation Plan	Q2 2023	EirGrid	ESBN
EL/23/20	Procure low-carbon inertia services Phase I by 2023, to be operational by 2025	As per Headline Action	Phase 1 of procurement complete	Q4 2023	EirGrid	ESBN

EL/23/21*	Carry out further studies to identify the investments and upgrades needed to facilitate 80% renewable electricity annual share	As per Headline Action	Further studies undertaken	Q2 2023	CRU, EirGrid, ESBN	-
EL/23/22	Publish a policy framework for electricity storage based on electricity system needs	Analyse results of public consultation, formulate and publish policy on storage	Publication of storage policy	Q3 2023	DECC	-
EL/23/23	Review the regulatory treatment of storage including licensing, charging and market incentives	As per Headline Action	Regulatory review completed	Q4 2023	CRU	-

### Demand Management

<b>Measure: Electricity Demand Management</b>	<b>2025 KPI: Demand Side Flexibility 15-20% Zero carbon demand growth</b>	<b>2025 Abatement Potential for Measure: 0.86MtCO<sub>2</sub>eq</b>
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### Actions

Action Number	Actions	Steps necessary for delivery	Output	Timeline	Lead	Stakeholders
EL/23/24	Complete and Publish Electricity Demand Side Strategy and Implementation Plan	CRU to establish Demand Side Strategy working group	Publication of Electricity Demand Side Strategy and Implementation Plan	Q4 2023	CRU	CRU, EirGrid, ESBN, Enterprise Agencies
EL/23/25*	Establish Smart Energy Services Working Group to support consumer participation in energy market and flexible demand management services	Identify relevant working group participants Agree Terms of Reference Finalise Workplan	Working Group established and workplan in place	Q4 2023	DECC	ESBN, SEAI, CRU
EL/23/26	Publish a suite of tools and supports to increase community participation in electricity demand flexibility	As per Headline Action	Publication of suite of tools	Q2 2023	ESBN	CRU, SEAI
EL/23/27	Delivery of an enhanced emissions reporting framework for electricity emissions for large energyusers	As per Headline Action	Report on enhanced emissions reporting framework published	Q4 2023	SEAI	CRU, EirGrid, ESBN, Enterprise Agencies

### Offshore Wind Energy Taskforce Actions

Action Number	Actions	Steps necessary for delivery	Output	Timeline	Lead	Stakeholders
EL/23/28(TF)	Develop Strategy for OWE enterprise development based on Enterprise White Paper	As per Headline Action	Strategy Finalised	Q1 2024	DETE	EI, DECC
EL/23/29(TF)	Develop a Framework for ORE Delivery by Irish Ports	As per Headline Action	In conjunction with Irish Ports and Phase 1 developers, develop a framework by which developers commit with sufficient certainty to using Irish ports for the delivery of ORE	Q2 2023	D/Transport	IMDO, Ports Co-ordination Group
EL/23/30(TF)	Carry out ORE/maritime/planning skills assessment report	As per Headline Action	Development and implementation of ORE/maritime/planning skills assessment report	Q2 2023	DFHERIS	DECC

A bronze statue of a man in a cap and work clothes, leaning forward and pulling a thick rope. The statue is set on a paved walkway next to a body of water. In the background, a cityscape is visible, including a prominent building with a green dome. A semi-transparent purple banner is overlaid on the image, containing the text 'EN | Industry'.

EN | Industry

## EN | Industry

Theme: Carbon neutral heating in industry						
Measure: Carbon-neutral Heat for Industry		2025 KPI: 50-55% share of carbon neutral heating			2025 Abatement Potential for Measure: 0.4 MtCO <sub>2</sub> eq	
Actions						
Action Number	Actions	Steps necessary for delivery	Output	Timeline	Lead	Stakeholders
EN/23/1*	Continue the roll out the Green Transition Fund incentives to decarbonise industrial heating	As per Headline Action	Funding provided to businesses for projects to decarbonise Irish industry	Q4 2023	DETE	-
EN/23/2	Complete the 2023 Annual Review of the Support Scheme for Renewable Heat	As per Headline Action	Review completed	Q4 2023	DECC	-
EN/23/3(TF)	Prepare a decarbonisation roadmap for industrial heat based on the recommendations of the SEAI National Heat Study	Identify actions to accelerate and drive system wide delivery of industrial heat decarbonisation	Roadmap Published	Q4 2023	DETE	-
EN/23/4(TF)	Identify actions to accelerate and drive system wide delivery of industrial heat decarbonisation	As per Headline Action	Actions identified	Q4 2023	DETE	DECC, SEAI, D/Transport, DPER, EI, IDA, DFHRIS, DAFM, Teagasc, DTCAGSM, OPW

Theme: Increasing use of Zero Emissions Gas						
Measure: Increasing use of zero emission gas		2025 KPI: 21 TWh consumption of zero emission gas for industrial heating			2025 Abatement Potential for Measure: 0.3 MtCO <sub>2</sub> eq	
Actions						
Action Number	Actions	Steps necessary for delivery	Output	Timeline	Lead	Stakeholders
EN/23/5	Assess client requirements for decarbonised gas and potential supply chains	As per Headline Action	DETE to provide input to biomethane strategy (AG/23/13)	Q3 2023	EI, IDA	-

EN/23/6	Conduct feasibility assessment on carbon capture storage	As per Headline Action	Assessment complete	Q4 2023	DECC	-
EN/23/7	Develop a Policy/regulatory roadmap for green hydrogen use	As per Headline Action	Policy/regulatory roadmap developed	Q2 2023	DECC	-

**Theme: Cross Cutting****Measure: Cross cutting****2025 KPI: N/A****2025 Abatement Potential for Measure: N/A****Actions**

Action Number	Actions	Steps necessary for delivery	Output	Timeline	Lead	Stakeholders
EN/23/8*	Determine the best energy efficiency measures through additional requirements in energy audits and the Large Industry Energy Network	As per Headline Action	Measures identified	Q3 2023	SEAI	-

**Theme: Construction materials****Measure: Reduction in Embodied Carbon in Construction Materials****2025 KPI: Cement demand remains flat to 2030 2025****2025 Abatement Potential for Measure: 0.2 MTCO<sub>2</sub>eq.****Actions**

Action Number	Actions	Steps necessary for delivery	Output	Timeline	Lead	Stakeholders
EN/23/9	Publish a report on actions to decrease embodied carbon in the whole life-cycle of construction materials	As per Headline Action	Actions published	Q4 2023	DETE	-
EN/23/10*	Identify case study which highlights suitability and opportunities for alternative construction materials	As per Headline Action	Case studies identified	Q3 2023	OPW	-
EN/23/11	Prepare and submit to Government a public procurement policy to facilitate public bodies incorporating the principle of low carbon construction methods and materials and whole life-cycle analysis approaches in all publicly procured projects	As per Headline Action	New Green Public Procurement Strategy and Action Plan	Q4 2023	DECC	OGP, DETE, DHLGH
EN/23/12	Specify low carbon construction methods and low carbon cement material as far as practicable for directly procured or supported construction projects from 2023	-	Recommendation to Cabinet	Q3 2023	DECC	DETE, DHLGH, OGP, DPER

EN/23/12/A	-	Establish construction related technical guidelines to advise public bodies on the procurement of low carbon cement material	Technical Guidelines agreed	Q3 2023	Cement and Construction Sector Decarbonisation Working Group	-
EN/23/12/B	-	All directly procured/supported construction projects feature and low carbon cement in line with associated technical guidelines/regulations/standards.	Implementation set out in New Green Public Procurement Strategy and Action Plan	Q3 2023	DECC	OGP, DPER
EN/23/13**	Publish new Green Public Procurement Strategy and Action Plan, identifying an appropriate monitoring and reporting protocol that includes the monitoring of the implementation of low carbon construction in public tenders and grant schemes	As per Headline Action	Action Plan and Strategy	Q3 2023	DECC	OGP, DETE, DHLGH

**Theme: Cross Cutting****Measure: Cross cutting****2025 KPI: N/A****2025 Abatement Potential for Measure: N/A****Actions**

Action Number	Actions	Steps necessary for delivery	Output	Timeline	Lead	Stakeholders
EN/23/14*	Ensure implementation of Ecodesign legislation and lead negotiations on the proposed Ecodesign for Sustainable Products Regulation	As per Headline Action	Legislation implemented	Q3 2023	DETE	SEAI



**BE** | Built Environment

## BE | Built Environment (Residential)

<b>Theme: Standards &amp; Regulations</b>	<b>2025 KPI: All new dwellings designed and constructed to Nearly Zero Energy Building (NZEB) standard</b>					<b>2025 Abatement Potential: 0.30MtCO<sub>2</sub>eq.</b>
<b>Measure: Standards and Regulations</b>						
<b>Actions</b>						
Action Number	Actions	Steps necessary for delivery	Output	Timeline	Lead	Stakeholders
BE/23/1	Complete and publish review of cost optimal performance requirements for Part L (Conservation of Fuel and Energy) of the Building Regulations	Complete 2023 Cost Optimal study to identify cost optimal performance for NZEB dwellings and major renovations to take account of developments in supply chain	Publication of cost optimal calculations report	Q3 2023	DHLGH	-
BE/23/2(TF)	Develop and publish a roadmap, under the auspices of the Heat and Built Environment Delivery Taskforce, to phase out fossil fuel heating systems in all buildings	Examine existing schemes, carryout gap analysis, undertake consultation and develop roadmap	Roadmap published	Q4 2023	DECC	DHLGH
BE/23/3	Commence development of report on the split incentive for rental properties	As per Headline Action	Publication of the report	Q4 2023	DHLGH	ESRI

<b>Theme: National Retrofit Plan</b>	<b>2025 KPI: 120,000 dwellings retrofitted to BER B2 cost optimal or carbon equivalent 45, 000 existing dwellings using heat pumps</b>					<b>2025 Abatement Potential: 0.9MtCO<sub>2</sub>eq. Note: abatement potential and KPIs are shared by all four measures</b>
<b>Measure: Driving Demand and Activity</b>						
<b>Actions</b>						
Action Number	Actions	Steps necessary for delivery	Output	Timeline	Lead	Stakeholders
BE/23/4	Implement a national awareness and demand generation campaign for residential retrofit	Multi-channel, integrated promotional campaign to operate throughout 2023	Demand generation campaign	Q4 2023	SEAI	DECC
BE/23/5(TF)	Provide a record budget allocation for SEAI residential and community retrofit schemes in 2023	-	Delivery of retrofit and heat pump installations in line with 2023 budget and schemes	Q4 2023	SEAI	DECC
BE/23/5/A	-	Introduce a mechanism to ensure that homeowners have the option of only paying the cost of their upgrade "net of grant"	Homeowners have option of having grant discounted from cost of works	Q2 2023	SEAI	DECC

BE/23/5/B	-	Explore options to further support homeowners to convert from oil and solid fuel heating to heat pumps	Options identified	Q1 2023	SEAI	DECC
BE/23/6	Expand the number of SEAI registered One-Stop-Shops	Support for companies seeking to be One- Stop-Shops made available by SEAI	Increased number of One-Stop- Shops registered with SEAI	Q4 2023	SEAI	DECC
BE/23/7	Ensure that SEAI supports for aggregated retrofit projects are available	As per Headline Action	Aggregated retrofit project supports are made available	Q4 2023	SEAI	DECC
BE/23/8	Utilise Sustainable Energy Communities to drive Community Activation	Increase the number of Sustainable Energy Communities and Energy Master Plans	Drive in community activation	Q4 2023	SEAI	DECC
BE/23/9	Implement the Energy Efficiency Obligation Scheme	As per Headline Action	New redesigned scheme implemented	Q1 2023,	SEAI	DECC
BE/23/10	Support those least able to afford to retrofit	Provide a record budget allocation for the SEAI Warmer Homes Scheme	6,000 free energy upgrades provided by SEAI for lower income households	Q4 2023	SEAI	DECC
BE/23/10/A	-	Identify approaches to support the AHB sector to increase the number of B2 retrofits and heat pumps completed	Approaches identified and published	Q3 2023	SEAI	DECC
BE/23/11(TF)	Continue rollout of Social Housing National Retrofitting Programme with retrofitted properties required to reach BER B2 or equivalent and incorporating heat pump deployment targets	Deliver retrofits to approximately 2,400 Local Authority homes in 2023, increasing annually to deliver a total of 36,500 by 2030	2,400 Local authority homes retrofitted	Q4 2023	DHLGH	-

<b>Theme: National Retrofit Plan</b>	<b>2025 KPI: 120,000 dwellings retrofitted to BER B2 cost optimal or carbon equivalent 45, 000 existing dwellings using heat pumps</b>					<b>2025 Abatement Potential: 0.9 MtCO<sub>2</sub>eq. Note: abatement potential and KPIs are shared by all four measures</b>	
<b>Measure: Financing &amp; Funding</b>							
<b>Actions</b>							
Action Number	Actions	Steps necessary for delivery	Output	Timeline	Lead	Stakeholders	
BE/23/12	Support the delivery of low-cost finance for home retrofit to consumers	As per Headline Action	Loan guarantee in place	Q3 2023	DECC	SBCI	
BE/23/13	Introduce a new tax incentive to encourage small-scale landlords to undertake retrofitting works while tenant remains in situ	As per Headline Action	Tax incentive introduced	Q1 2023	DFIN	DECC, SEAI	

Theme: National Retrofit Plan		2025 KPI: 120,000 dwellings retrofitted to BER B2 cost optimal or carbon equivalent 45, 000 existing dwellings using heat pumps			2025 Abatement Potential: 0.9 MtCO <sub>2</sub> eq. Note: abatement potential and KPIs are shared by all four measures	
Measure: Supply Chain, Skills & Standards						
Actions						
Action Number	Actions	Steps necessary for delivery	Output	Timeline	Lead	Stakeholders
BE/23/14	Support the Heat Loss Indicator pilot study to incorporate up to 1,000 homes. Build capacity with pilot to take this number of homes and meet market demand	Engagement with supply chain and homeowners.	Study open to homes	Q2 2023	SEAI	DECC
BE/23/15	Publish new Standards and Guidance Documents for retrofit	-	-	-	-	-
BE/23/15/A	-	Develop a certification scheme for SR54 Energy Efficient Retrofit of Dwellings	Certification scheme in place	Q2 2023	NSAI	DECC, DETE
BE/23/15/B	-	Publish new guidance on improving energy efficiency in traditional buildings	Guidance published	Q4 2023	DHLGH	DECC, DES, SEAI, OPW, Heritage Council
BE/23/16	Increase the number of new registered retrofit providers and BER assessors	Introduce initiatives to encourage growth in the number of registered retrofit providers and BER assessors	Increased number of retrofit providers and BER assessors	Q3 2023	SEAI	DECC
BE/23/17*	Support and accelerate the design, development and implementation of apprenticeships meeting green skills needs for the future	Introduce NZEB fundamentals within construction apprenticeship curricula and expand the training opportunities to include MMC provision e.g., heat pumps, solar PV, etc.	Accelerated delivery of green skills apprenticeships	Q4 2023	DFHERIS	-
BE/23/18	Delivery of courses across six Centres of Excellence	As per Headline Action	Increased number of courses and places	Q4 2023	DFHERIS	
BE/23/19	Host CPD programmes aimed at developing expertise for practising engineers in the area of Climate Action: Environmental Essentials for Engineering Projects and Retrofitting Domestic Buildings for Energy Efficiency	Offer enterprise-relevant, flexible, upskilling and reskilling courses for engineers to address energy essentials, including renewable energy, energy systems and energy efficiency	Flexible provision for engineers to upskill in environmental essentials as available	Q4 2023	DFHERIS	HEA, Skillnet
BE/23/20**	Help to address the split incentive issue for rental properties	Action will be delivered through BE/23/3, BE/23/5 and BE/23/12 and BE/23/13	-	-	-	-
BE/23/21	Introduce measures to encourage the growth of the supply chain	Implement measures to grow the supply chain	Measures introduced to stimulate growth in the supply chain	Q4 2023	DECC/SEAI	DETE

Theme: National Retrofit Plan	2025 KPI: 120,000 dwellings retrofitted to BERB2 cost optimal or carbon equivalent 45, 000 existing dwellings using heat pumps		2025 Abatement Potential: 0.9 MtCO <sub>2</sub> eq. Note: abatement potential and KPIs are shared by all four measures			
Measure: Structures & Governance						
Actions						
Action Number	Actions	Steps necessary for delivery	Output	Timeline	Lead	Stakeholders
BE/23/22	Further develop and resource the SEAI as the National Retrofit Delivery Body	As per Headline Action	Increased resources provided for SEAI to recruit up to 40 additional staff	Q4 2023	DECC	DPER, SEAI
BE/23/23(TF)	Develop an implementation plan for the Heat and Built Environment Delivery Taskforce	Identify aspects of work on the critical path to delivery of renewable heat and energy use reduction in a heat and built environment context	Development of a consolidated plan. Implementation of actions to be overseen by Taskforce in line with timeframes established within the plan	Q2 2023	DECC	Taskforce
BE/23/24	Enhance the monitoring and reporting of the progress on, and effect of, home retrofit	Introduce new quarterly progress reports	Report published	Q2 2023	DECC SEAI	
BE/23/25	Provide Local Authorities with the supports necessary for them to take an exemplar role in residential retrofit	Provide Local Authorities with the following supports to provide an exemplar for social housing retrofit providing all staff within the Housing Delivery co-ordination Office to support the rollout, and providing flexibility to offset the effects of inflation	Increase budget year on year for the local authority sector, Funding for project management so the Local Authorities can adequately resource their teams	Q4 2023	DHLGH	DPER

Theme: Decarbonisation of Residential Heating	2025 KPI: Up to 0.7 TWh of district heat		2025 Abatement Potential for Measure: 0.2 MtCO <sub>2</sub> eq.			
Measure: District Heating						
Actions						
Action Number	Actions	Steps necessary for delivery	Output	Timeline	Lead	Stakeholders
BE/23/26(TF)	Publish a National Heat Policy Statement	Undertake SEA/AA Screening, Consultation and finalisation of Heat Policy Statement based on the outcomes of the National Heat Study	Heat Policy Statement brought to Government and published	Q3 2023	DECC	SEAI, DETE, DHLG, DAFM, DPER, DTAGSM, DHFERIS
BE/23/27(TF)	Accelerate delivery of existing schemes under consideration and in development, including the Dublin District Heating Scheme	Ensure relevant local authorities are appropriately resourced Ensure the requisite funding support schemes are in place to enable delivery	Local authority staff with dedicated focus on delivery of district heating schemes in place in relevant LAs	Q4 2023	DECC	DHLGH, CCMA, Relevant Local Authorities, DPER
BE/23/28(TF)	Implement recommendations from the District Heating Steering Group report, in accordance with implementation timetable	Finalise Steering Group Report and submit to Government	Government approval for recommendations on structured development of district heating.	Q1 2023	DECC	District Heating Steering Group

<b>Theme: Decarbonisation of Residential Heating</b>		<b>2025 KPI: N/A</b>		<b>2025 Abatement Potential for Measure: N/A</b>		
<b>Measure: Geothermal</b>						
<b>Actions</b>						
Action Number	Actions	Steps necessary for delivery	Output	Timeline	Lead	Stakeholders
BE/23/29	Publish Geothermal Policy Statement	As per Headline Action	Geothermal Policy Statement published	Q2 2023	DECC	GSI, GSRO, Geothermal Advisory Group (GEAG)

## Built Environment (Commercial)

Theme: Standards & Regulations						
Measure: Standards and Regulations	2025 KPI: All new dwellings designed and constructed to Nearly Zero Energy Building (NZEB) standard				2025 Abatement Potential: N/A	
Actions						
Action Number	Actions	Steps necessary for delivery	Output	Timeline	Lead	Stakeholders
BE/23/30	Promote the statutory requirement for installation of building automation systems with a heating/cooling load greater than 290kW	SEAI to carry out a campaign to promote the installation of automation systems	Installation of building automation systems	Q4 2023	SEAI	DETE, EI, IDA, DECC, DHLGH

Theme: Decarbonisation of Public and Commercial Heating	2025 KPI: Support public and commercial buildings to deliver savings of 375 kt CO <sub>2</sub> e, and to switch to alternative sources of heating such as district heating and renewable gases		2025 Abatement Potential: 0.375Mt CO <sub>2</sub> e <sub>q</sub>			
Measure: Commercial Sector						
Note: abatement potential and KPIs are shared by all four measures (Commercial Sector, Public Sector Building Stock Plans, Public Sector Retrofit and Public Sector Leading by Example)						
Actions						
Action Number	Actions	Steps necessary for delivery	Output	Timeline	Lead	Stakeholders
BE/23/31(TF)	Develop a detailed roadmap for long-term decarbonisation of the commercial sector, including requirements arising from recast EU legislation, with specific actions to be published in Climate Action Plan 2024.	Based on the outcome of the National Heat Study, develop an approach to the retrofit of the commercial building stock	Publish roadmap	Q3 2023	DETE	DECC, DHLGH, SEAI, DTCAGSM
BE/23/31/A(TF)	-	Establish a commercial retrofit key stakeholder group	Stakeholder group established to support the retrofit of commercial buildings	Q1 2023	DETE	DECC, DHLGH, SEAI, DTCAGSM,
BE/23/31/B	-	Launch New non-domestic retrofit scheme aimed at SMEs which will provide a tailored pathway to support retrofit activity	New scheme launched	Q2 2023	SEAI	DECC, DETE
BE/23/31/C	Implement the outcomes of the 2022 Annual Review of the SSRH	Implementation of recommendations from the review of Support Scheme for Renewable Heat to ensure optimum delivery	State Aid notifications in place, scheme guidelines updated and enhanced delivery of supports commenced	Q4 2023	SEAI	DETE, DECC, DPER

<b>Theme:</b> Decarbonisation of Public and Commercial Heating	<b>2025 KPI: Support public and commercial buildings to deliver savings of 375 kt CO<sub>2</sub>e, and to switch to alternative sources of heating such as district heating and renewable gases</b>	<b>2025 Abatement Potential: 0.375Mt CO<sub>2</sub>eq</b> <b>Note: abatement potential and KPIs are shared by all four measures (Commercial Sector, Public Sector Building Stock Plans, Public Sector Retrofit and Public Sector Leading by Example)</b>				
<b>Measure: Public Sector Building Stock Plans</b>						
<b>Actions</b>						
Action Number	Actions	Steps necessary for delivery	Output	Timeline	Lead	Stakeholders
BE/23/32	Public sector bodies to collate relevant information on their building stock that will inform the development of Building Stock Plans, as per the Public Sector Climate Action Mandate.	Public sector bodies to share building stock information on SEAI Building Register and indicate, on SEAI M&R system, the status of their Building Stock Plans	SEAI guidance on preparing a Building Stock Plan published and data gathered by public sector organisations	Q4 2023	SEAI	All public sector organisations

<b>Theme:</b> Decarbonisation of Public and Commercial Heating	<b>2025 KPI: Support public and commercial buildings to deliver savings of 375 kt CO<sub>2</sub>e, and to switch to alternative sources of heating such as district heating and renewable gases</b>	<b>2025 Abatement Potential: 0.375Mt CO<sub>2</sub>eq</b> <b>Note: abatement potential and KPIs are shared by all four measures (Commercial Sector, Public Sector Building Stock Plans, Public Sector Retrofit and Public Sector Leading by Example)</b>				
<b>Measure: Public Sector Retrofit</b>						
<b>Actions</b>						
Action Number	Actions	Steps necessary for delivery	Output	Timeline	Lead	Stakeholders
BE/23/33(TF)	Roll out approach to cost effectively retrofitting public sector building stock as part of the Pathfinder Programme.	As per Headline Action	Pathfinder programme expansion	Q4 2023	SEAI	-
BE/23/33/A(TF)	-	Develop an approach to cost-effectively retrofitting the public sector building stock to 2030 based on completed research including assessing the role of energy performance contracting	Approach developed	Q2 2023	SEAI	DECC, DPER, OPW, NTMA
BE/23/33/B	-	Identify training needs for staff in retrofit and cost assessment	Provision of training courses	Q3 2023	SEAI	-
BE/23/33/C	-	Complete pilot project for the retrofitting of traditional/historic buildings and share the findings, and develop guidelines on retrofitting traditional buildings and historic properties	Pilot project completed	Q3 2023	OPW	-
BE/23/34(TF)	Expansion of Retrofit in the Education, and Further and Higher Education Sectors	As per Headline Action			D/ Education, DFHERIS	DFHERIS
BE/23/34/A	-	Develop and open for applications a multi annual Climate Action Summer Works Scheme and complete Phase 2 of Schools Energy Inventory Survey	Application process opened. Phase 2 completed	Q4 2023	D/ Education	DHLGH

BE/23/34/B	-	Complete the current school sector energy Pathfinder element and progress and test a more expanded national rollout programme using a scalable model of energy efficiency retrofit for schools built before 2008	Model and current Pathfinder projects developed. New MOU developed for progressing and testing expanded rollout of national programme.	Q4 2023	D/ Education	SEAI, DHLGH
BE/23/34/C	-	Progress the delivery of an energy retrofit and decarbonisation pathfinder programme in the higher and further education sector	Continued delivery of retrofits	Q4 2023	DFHERIS	SEAI, SOLAS, HEA, HEIs, ETBs, DHLGH
BE/23/34/D	-	Develop and commence roll out of a multi annual delivery programme to ensure all schools having 6 kW of solar photovoltaic provision, as per Budget 2023 announcement	Approach developed	Q4 2023	D/ Education	DECC

<b>Theme: Decarbonisation of Public and Commercial Heating</b>	<b>2025 KPI: Support public and commercial buildings to deliver savings of 375 kt CO<sub>2</sub>e, and to switch to alternative sources of heating such as district heating and renewable gases</b>	<b>2025 Abatement Potential: 0.375Mt CO<sub>2</sub>eq</b> <b>Note: abatement potential and KPIs are shared by all four measures (Commercial Sector, Public Sector Building Stock Plans, Public Sector Retrofit and Public Sector Leading by Example)</b>
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**Measure: Public Sector Leading by Example**

<b>Actions</b>						
Action Number	Actions	Steps necessary for delivery	Output	Timeline	Lead	Stakeholders
BE/23/35	Construct two exemplar public sector buildings using alternative construction techniques and materials, and monitor their performance	As per Headline Action	-	Q4 2023	OPW	-
BE/23/35/A	-	Identify two public sector construction projects (one new build and one fit-out) that will use low- carbon alternatives to traditional construction materials	Identification of buildings and construction plans for each	Q1 2023	OPW	DPER, DECC, DHLGH, LDA, HSE, Local Authorities, D/ Education
BE/23/35/B	-	Design both buildings and bring to tender	Tender documents	Q3 2023	OPW	DPER, DECC, DHLGH, LDA, HSE, Local Authorities, D/ Education
BE/23/35/C	-	Scope alternative construction materials and techniques most suitable for use in pilot construction projects	Scoping report and recommendation	Q4 2023	OPW	DAFM, Building Specifiers, EI, Forest Industries Ireland, RIAI, SEAI, DHLGH

<b>Theme: Adaptation</b>	<b>2025 KPI: N/A</b>	<b>2025 Abatement Potential: N/A</b>
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**Measure: Adaptation**

<b>Actions</b>
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Action Number	Actions	Steps necessary for delivery	Output	Timeline	Lead	Stakeholders
BE/23/36	Develop specific climate maps and data for use in building design to enhance resilience in support of climate change adaptation	Produce building standard short duration rainfall map and develop specific building standards climate reference years to support decisions related to overheating risk in buildings	Climate maps and data for use in building design including specific building standards climate reference years to support decisions related to overheating risk in buildings	Q1 2023	Met Éireann	DHLGH, NSAI, SEAI
BE/23/37	Carry out a condition assessment of a sample of heritage sites/properties in public ownership to establish a baseline for heritage resources	-	-	-	-	-
BE/23/37/A	-	Review training needs to address climate impacts on heritage properties	Publish a review of relevant sources and develop a general training template for local authority staff	Q4 2023	DHLGH	Local Authorities
BE/23/37/B	-	Carry out condition assessments of a sample of heritage sites/properties in public ownership to establish a baseline for heritage resources from which change can be measured	Condition assessments of sample number of sites completed, and report prepared	Q4 2023	DHLGH	OPW, Local Authorities
BE/23/36	Publish a review of relevant sources and a general training template that addresses specific actions and objectives of the Climate Change Sectoral Adaptation Plan for Built and Archaeological Heritage for Local Authority staff	Establish working group(s) of stakeholders to pool information, promote research and drive the implementation of the CCSAP for Built and Archaeological Heritage	Published review of relevant sources and a general training template	Q4 2023	DHLGH	CAROS, Local Authorities
BE/23/39	Develop a Memorandum of Understanding with SEAI on issues relating to climate action and historic/traditional buildings	Agree a Memorandum of Understanding with SEAI	MoU finalised Best practice case studies identified and retrofitting projects developed	Q4 2023	DHLGH	SEAI, Local Authorities; Heritage Council; OPW



TR | Transport

## TR | Transport

Theme: HORIZONTAL						
Measure: Enhanced Governance & Accelerating Implementation		2025 KPI - Total Vehicle Kilometres, Fuel Usage, and Sustainable Transport Mode Share		2025 Abatement Potential for Measure: Included in Basket of Sustainable Transport / Demand Management Measures: 0.7 Mt		
Actions						
Action Number	Actions	Steps necessary for delivery	Output	Timeline	Lead	Stakeholders
TR/23/1(TF)	Finalise SMP Leadership Group work programme, including oversight and delivery of SMP Action Plan	Oversight, support, and report on delivery of Sustainable Mobility Policy Action Plan and Pathfinder Programme	Ministerial Annual Progress Report	Q4 2023	D/Transport	NTA, TII, D/HLGH, Regional Authorities, CCMA
TR/23/2*(TF)	Support Agency and LA Capacity Building, including through expansion of active travel units and training programme	Continue support and funding of LA Active Travel units and establish SMP Pathfinder Smart and Sustainable Mobility Training Workshops – education initiative for LAs, Councillors and PPNs	Establishment of dedicated SMP Pathfinder training programme	Q2 2023	D/Transport	Southern Regional Assembly, NTA, Local Authorities
TR/23/3*(TF)	Establish a Project Management Office to support SMP and CAP delivery, and progression of SMP Pathfinder Programme	PMO function established to support project delivery, and advancement of key demonstrator initiatives under SMP Pathfinder Programme, to be delivered by 2025.	PMO office established within D/Transport	Q1 2023	D/Transport	D/ECC
TR/23/4*(TF)	Ensure Local Authority Climate Action Plan Guidelines under Section 14B (8) of the Climate Action and Low Carbon Development Act (as amended) include specific actions and indicators in respect of accessibility, modal shift and active travel	Engagement with D/ECC on drafting of LA guidelines to ensure appropriate reflection of CAP23 transport considerations.	Published LA Climate Action Plan Guidelines	Q2 2023	D/ECC	D/Transport, NTA Local Authorities
TR/23/18*(TF)	Engage with Local Authorities on development of LA Climate Action Plans	Following publication of LA Climate Action Plan Guidelines – ongoing engagement with LAs through conferences and direct engagement to ensure appropriate reflection of CAP23 Transport chapter considerations	n/a - final LA Climate Action Plans (due 2024) to reflect and support achievement of CAP23 Transport targets	Q4 2023	D/Transport	D/ECC, NTA, CCMA, Local Authorities

Theme: HORIZONTAL						
Measure: Communications Strategy Work Programme		2025 KPI - Total Vehicle Kilometres, Fuel Usage, and Sustainable Transport Mode Share			2025 Abatement Potential for Measure: Included in Basket of Sustainable Transport / Demand Management Measures: 0.7 Mt	
Actions						
Action Number	Actions	Steps necessary for delivery	Output	Timeline	Lead	Stakeholders
TR/23/5(TF)	Convene National Sustainable Mobility Stakeholder Forum	As per headline action	Hold inaugural National Mobility Stakeholder Forum	Q2 2023	D/Transport	-
TR/23/6*(TF)	Finalise Transport 'Climate Action and Sustainable Mobility Communications Strategy', and progress engagement and media campaigns	Finalise Transport 'Climate Action and Sustainable Mobility Communications Strategy' Procure and progress engagement and media campaign to support achievement of sectoral abatement targets	Finalise and commence implementation of Climate Action and Sustainable Mobility Public Engagement Strategy Launch Advertising Campaign for Climate Action in Transport	Q3 2023	D/Transport	NTA, TII, RSA, Transport Operators, Cycling Ireland, An Taisce
TR/23/7(TF)	Advance ZEV Information and Engagement Programme	Progress targeted campaign to support uptake and achievement of electric vehicles targets	Targeted ZEV Media Campaign launched	Q4 2023	D/Transport	SEAI, ESNB
TR/23/8*(TF)	Support Research and Evidence-base (informed by SMP Research Network)	Develop research and evidence base to inform communications programme and achievement of sectoral abatement targets	Complete first Baseline Survey of Public Attitude on Climate Action in Transport; Complete Annual National Travel Survey	Q4 2023	D/Transport	CSO, NTA, TII, RSA, SEAI, academia and other research partners

Theme: HORIZONTAL / CROSS-CUTTING						
Measure: Road Haulage Strategy		2025 KPI - Total Vehicle Kilometres, Fuel Usage, and Commercial Vehicle Targets		2025 Abatement Potential for Measure: Abatement is distributed across all key decarbonisation channels: HGV + LGV combined: 0.14 Mt		
Actions						
Action Number	Actions	Steps necessary for delivery	Output	Timeline	Lead	Stakeholders
TR/23/9	Establish Road Freight Forum and advance Road Haulage Strategy decarbonisation work programme	Convene Road Freight Forum and advance short-term enablers from Road Haulage Strategy decarbonisation work programme	Forum established and Ministerial report on progression of short-term enablers from RHS	Q4 2023	D/Transport	D/FIN, DECC, TII, NTA, RSA, FTAI, IRHA, Transport operators
TR/23/10*	Support EU Green Freight Package – including AFIR, CO2 Standards for HDVs, EURO VII files	Serving related EU files to support decarbonisation of haulage sector, and transposition of relevant legislation.	Progression and Transposition of relevant EU Legislation	Q4 2023	D/Transport	D/ECC, D/FIN, TII, RSA, NSAI

Theme: AVOID						
Measure: Enhanced Spatial and Land-use Planning		2025 KPI - Total Vehicle Kilometres, Fuel Usage, and Sustainable Transport Mode Share		2025 Abatement Potential for Measure: Included in Basket of Sustainable Transport / Demand Management Measures: 0.7 Mt		
Actions						
Action Number	Actions	Steps necessary for delivery	Output	Timeline	Lead	Stakeholders
TR/23/11*(TF)	SMP Leadership Group to monitor and support progression of related actions across National Planning Framework, Housing for All and Town Centre First policies to ensure transport decarbonisation impacts are being prioritised and delivered	Action will be reported under TR/23/1	Ministerial Annual Report	Q4 2023	D/Transport	D/HLGH, NTA, TII, RSA, LDA, Regional Authorities, Local Authorities
TR/23/12*(TF)	Transport Oriented Design – advance interdepartmental group work programme (including publication of S28 Guidelines for Planning Authorities on Sustainable and Compact Settlements)	Advance an Integrated Spatial Planning and Sustainable Transport work programme, on a continuous inter-departmental basis, with initial focus on 4 Dublin Local Authorities to identify key enablers and barriers to Transport Oriented Design	Draft S28 Guidelines for Planning Authorities on Sustainable and Compact Settlements placed on display for a focused period of public consultation.	Q1 2023	D/Transport, D/HLGH	NTA, TII, RSA, LDA, Regional Authorities, Local Authorities

TR/23/13(TF)	Enhance transport appraisal guidance on spatial and land-use considerations in line with NIFTI Implementation Plan	Modular update to transport appraisal guidance to provide decision-makers with a broader set of information about a scheme's potential climate, social and environmental impacts	Published updates to Transport Appraisal Framework guidance to include guidance on spatial / land-use and enhanced consideration of climate, social and environmental impacts	Q4 2023	D/Transport	DPER, TII, NTA
TR/23/14*(TF)	Promote widespread, consistent and accelerated implementation of the Design Manual for Urban Road and Streets to ensure improved placemaking and accessibility, including delivery of 10-Minute Towns and 15-Minute Cities	With D/HLGH, prioritise LA engagement and training to ensure improved placemaking and accessibility consideration in plan development	Support continuous professional development with dedicated training	Q4 2023	D/Transport, D/HLGH	NTA, TII, RSA, Regional Authorities, Local Authorities
TR/23/15*(TF)	Review Planning Guidelines to ensure that a graduated and performance-based approach is applied to the quantum and form of car parking with regard to the proximity of urban centres and public transport services	With D/HLGH, review car parking elements of planning guidelines to support achievement of sectoral abatement targets	Updated guidance on car parking to be included in S28 Guidelines for Planning Authorities on Sustainable and Compact Settlement Guidance	Q1 2023	D/HLGH	D/Transport, NTA, TII, Regional Authorities, Local Authorities

**Theme: AVOID**

<b>Measure: Strategic Transport Planning</b>		<b>2025 KPI - Total Vehicle Kilometres, Fuel Usage, and Sustainable Transport Mode Share</b>			<b>2025 Abatement Potential for Measure: Included in Basket of Sustainable Transport/ Demand Management Measures: 0.7 Mt</b>	
<b>Actions</b>						
Action Number	Actions	Steps necessary for delivery	Output(s)	Timeline	Lead	Stakeholders
TR/23/16(TF)	Legislative Programme – expansion of NTA strategic transport planning remit to regional cities	Development & progression of primary legislation through the Houses of the Oireachtas	Publication of General Scheme of Bill	Q3 2023	D/Transport	NTA
TR/23/17(TF)	Metropolitan Area Transport Strategies – publication, including update of Galway Transport Strategy	Continue programme of review, update, appraisal and planning of services in accordance with each city's Metropolitan Area Transport Strategy	Draft Galway Transport Strategy presented for public consultation	Q3 2023	NTA	D/Transport, TII, Regional Authorities, Local Authorities

Theme: AVOID + SHIFT						
Measure: Demand Management Strategy		2025 KPI - Total Vehicle Kilometres, Fuel Usage, and Sustainable Transport Mode Share			2025 Abatement Potential for Measure: Included in Basket of Sustainable Transport / Demand Management Measures: 0.7 Mt CO <sub>2</sub> eq	
Actions						
Action Number	Actions	Steps necessary for delivery	Output	Timeline	Lead	Stakeholders
TR/23/19	Publish National Demand Management Strategy	Drafting of Strategy, consultation and screening/ completion of Strategic Environment Assessment if required	Publication of National Demand Strategy	Q4 2023	D/Transport	D/FIN, NTA, TII, Regional Authorities, Local Authorities
TR/23/20*	Advance Speed Management and Enforcement work programme	Continuous work programme to support delivery of Road Safety Strategy and achievement of sectoral abatement targets	Publication of updated S38 Guidance on traffic calming measures, Finalisation and implementation of national speed limit review recommendations; Continued roll-out of safe infrastructure and speed management measures at appropriate high-risk locations	Q4 2023	D/Transport	D/Justice, An Garda Síochána, RSA, TII, NTA, Transport Operators
TR/23/21*	Support Research and Evidence-base - (including update of GDA Cost of Congestion study and Better Road User Charging Evaluation)	To be informed and supported by SMP Research Network	Published update of GDA Cost of Congestion study; publication of Project BRUCE roadmap;	Q4 2023	D/Transport	D/FIN, NTA, Research Partners
TR/23/22*	Promote the development and uptake of Remote/Blended Working Policies through climate action and other communication strategies, wherever these can directly reduce car commuting journeys	Promote and support development and uptake of Remote / Blended Working Policies, Digital Access to Services wherever these can directly reduce private car use	n/a - cross-Government support to Our Rural Future policy measures for roll-out of 400 remote working hubs	Q4 2023	D/Transport	D/ETE, D/RCD, D/FIN, DPER
TR/23/23*	Promote sustainable travel practices in Remote Working Hubs	Promote and support development of sustainable travel practices in remote working hubs	n/a - cross-Government support to Our Rural Future policy measures for roll-out of 400 remote working hubs	Q4 2023	D/Transport	D/RCD, D/ETE, Regional Authorities, Local Authorities

Theme: AVOID + SHIFT						
Measure: Roadspace Reallocation		2025 KPI - Total Vehicle Kilometres, Fuel Usage, and Sustainable Transport Mode Share			2025 Abatement Potential for Measure: Included in Basket of Sustainable Transport / Demand Management Measures: 0.7 Mt	
Actions						
Action Number	Actions	Steps necessary for delivery	Output	Timeline	Lead	Stakeholders
TR/23/24*(TF)	SMP Pathfinders: Support LAs in progression of relevant schemes and accelerated delivery of demonstrator projects – underpinned by guidelines to road authorities relating to traffic calming measures (under Section 38(6) of the Road Traffic Act 1994) and the updated National Cycle Manual to incorporate updated cycle scheme design guidance aligned with the safe system approach	Accelerated national delivery of key demonstrator projects - underpinned by guidelines to road authorities relating to traffic calming measures (under section 38 (6) of the Road Traffic Act 1994) and the updated National Cycle Manual to incorporate updated cycle scheme design guidance aligned with the safe system approach	n/a - Design, tendering and awarding of works contracts to be progressed for relevant schemes (e.g. Clonmel Urban Realm) for completion by 2025.	Q4 2023	D/Transport	Regional Authorities, Local Authorities
TR/23/25*(TF)	Local Authorities to identify roads and streets suitable for road space reallocation	Network identification by LAs to identify roads and streets suitable for road space reallocation to inform development of LA Climate Action Plans	n/a – identification and development of pedestrian enhancement plans to support LA Climate Action Plans.	Q4 2023	Local Authorities	D/Transport, NTA
TR/23/26**(TF)	Guidelines for Local Authority Climate Action Plans to include specific actions and indicators in respect of accessibility, modal shift and active travel	Engagement with D/ECC on drafting of LA guidelines to ensure appropriate reflection of CAP23 transport considerations. Action will be reported under TR/23/4.	Published LA Climate Action Plan Guidelines	Q2 2023	DECC	D/Transport, Local Authorities
TR/23/27(TF)	Pedestrian enhancement plans developed for the five metropolitan areas	Pedestrian enhancement plans development, in line with LA Climate Action Plans and Metropolitan Area Transport Strategies	Published pedestrian enhancement plans for the five cities	Q4 2023	Regional Authorities	CCMA, Local Authorities, D/HLGH, D/Transport, NTA, TII
TR/23/28*(TF)	Review of road traffic policy and legislation to prioritise the safety of walking and cycling	Review and studies to support and prioritise safety of walking and cycling	Policy recommendation reports to Minister	Q4 2023	D/Transport	RSA

Theme: SHIFT						
Measure: Active Travel & Accessibility Work Programme		2025 KPI - Total Vehicle Kilometres, Fuel Usage, and Sustainable Transport Mode Share			2025 Abatement Potential for Measure: Included in Basket of Sustainable Transport / Demand Management Measures: 0.7 Mt	
Actions						
Action Number	Actions	Steps necessary for delivery	Output	Timeline	Lead	Stakeholders
TR/23/29(TF)	Advance roll-out of 1,000 km walking/cycling infrastructure	Progressing network delivery plans to support achievement of additional 1,000 km walking/cycling infrastructure by 2025	2023 NTA funding allocation supporting progression of c. 1,200 schemes – summary update Completion of CycleConnects programme network designs	Q4 2023	NTA, TII	D/Transport, Local Authorities
TR/23/30(TF)	Advance roll-out of National Cycle and Greenway Networks	Publication of National Cycle and Greenway Network and progression of infrastructure rollout	Publication of National Cycle and Greenway Network	Q2 2023	TII	D/Transport, NTA, Local Authorities
TR/23/31*(TF)	Advance widespread and consistent implementation of National Cycle Manual guidance and the Design Manual for Urban Roads and Streets	With D/HLGH, prioritise LA engagement and training to ensure consistent implementation of NCN and DMURS guidance to support delivery of high-quality active travel infrastructure	Updated National Cycle Manual guidance and training on implementation	Q4 2023	D/Transport D/HLGH	NTA, TII, RSA, Regional Authorities, Local Authorities
TR/23/32*(TF)	Leverage of Protection and Renewal road infrastructure programme to enhance safety of sustainable mobility users	Continuous work programme to support delivery of Road Safety Strategy and achievement of sectoral abatement targets	n/a -ongoing infrastructural programme. Annual listing against LA annual expenditure	Q4 2023	D/Transport	TII, RSA, Regional Authorities, Local Authorities
TR/23/33*(TF)	Smart and Sustainable Mobility Training Workshops – pathfinder programme on capacity-building and education initiative for LAs, Councillors and PPNs delivering training programmes for Local Authorities, including Active Travel Teams	Continue support and funding of LA Active Travel units and establish SMP Pathfinder Smart and Sustainable Mobility Training Workshops –education initiative for LAs, Councillors and PPNs	Phase 1 Workshops undertaken	Q4 2023	D/Transport	Southern Regional Assembly, NTA, Local Authorities
TR/23/34*(TF)	Identify and implement mechanisms for improved multiple LA delivery of strategic, network-based Active Travel projects (e.g. NTA-led projects, Section 85 agreements under the Local Government Act, 2001) in line with the objective of CycleConnects Pathfinder Project	SMP Leadership Group and Delivery Team to review barriers for delivery and to identify appropriate mitigations to accelerate project delivery	n/a – internal reporting and governance process	Q4 2023	D/Transport	D/HLGH, NTA, TII, RSA, Regional Authorities, Local Authorities
TR/23/46(TF)	SMP Pathfinder: Accelerate implementation of Safe Routes to School Programme through improved resourcing and focus on more rapid implementation of front-of-school treatments – providing immediate safety improvements to school surroundings	Additional 108 schools included in Phase 2 of SRTS programme in December 2022 - continue accelerated progression to support delivery of 500 school programmes by 2025.	Completion of baseline surveys and scheme design for Phase 2 schools, and continued infrastructure roll-out for Phase 1 & 2 Schools.	Q4 2023	NTA	D/Transport, An Taisce, Local Authorities

Theme: SHIFT						
Measure: Major Public Transport Infrastructure Programme		2025 KPI - Total Vehicle Kilometres, Fuel Usage, and Sustainable Transport Mode Share			2025 Abatement Potential for Measure: Included in Basket of Sustainable Transport / Demand Management Measures: 0.7 Mt	
Actions						
Action Number	Actions	Steps necessary for delivery	Output	Timeline	Lead	Stakeholders
TR/23/35(TF)	Advance BusConnects programme in 5 cities	Public consultations, strategic network design, statutory planning applications and phased implementation of services and infrastructure works subject to planning and necessary Cabinet approvals.	BusConnects Dublin – submission of remaining 6 corridor applications to ABP; Completion of BusConnects network redesigns in Limerick & Galway. BusConnects programmes in other cities progressed subject to final network designs, planning and Cabinet approvals	Q4 2023	NTA, D/Transport	Local Authorities, Transport Operators
TR/23/36*(TF)	Advance Metrolink planning pending An Bord Pleanála approval	Planning for Metrolink development pending ABP approval	n/a - further design and advance planning to be progressed in expectation of enabling works commencement in 2024 (pending ABP approval).	Q4 2023	TII	NTA, Local Authorities
TR/23/37(TF)	Advance DART+ Programme	Progressing appraisal and planning for DART+ Programme	Cabinet approvals and Railway Orders submitted for DART+ South West and Coastal Routes	Q4 2023	D/Transport, NTA, Iarnród Éireann	DPER
TR/23/38*(TF)	Advance Cork Commuter Rail Programme	Phase 1 Work Programme	Commencement and progression of Kent Station platform redevelopment works (expected completion 2024)	Q4 2023	NTA, Iarnród Éireann	D/Transport
TR/23/40*(TF)	Continue investment in passenger and freight rail, informed by outcomes of Strategic Rail Review	Expansion of interurban rail fleet capacity and rail services, informed by outcomes of Strategic Rail Review	n/a - to be informed by outcomes of Strategic Rail Review	Q4 2023	D/Transport, NTA	Iarnród Éireann

Theme: SHIFT						
Measure: PT Services Investment & NTA Connecting Ireland - Rural Mobility Programme		2025 KPI - Total Vehicle Kilometres, Fuel Usage, and Sustainable Transport Mode Share			2025 Abatement Potential for Measure: Included in Basket of Sustainable Transport / Demand Management Measures: 0.7 Mt	
Actions						
Action Number	Actions	Steps necessary for delivery	Output	Timeline	Lead	Stakeholders
TR/23/41(TF)	Prioritise and accelerate delivery of NTA Connecting Ireland and new town services, via demand responsive transport pilot initiatives, conventional and non-conventional modes of public transport services	Continuous work programme over 2023-2026 to support expansion of PT services and achievement of modal shift targets	Procurement and roll out of Connecting Ireland Phase 2 services per NTA implementation plan.	Q4 2023	NTA	Local Authorities, Transport Operators
TR/23/42*(TF)	Roll-out Demand Responsive Transport pilot initiatives	Supporting pilot initiatives to further enhance public transport services in rural / remote regions	Expansion of local hackney schemes across 21 designated areas	Q4 2023	NTA	Local Authorities, Transport Operators
TR/23/43*(TF)	Develop a high-level and multi-annual costed programme of PT Services to meet pathway assumptions.	Review and develop high-level and multi-annual programme of PT Services Investment requirements to meet 50% emission abatement targets of CAP23 decarbonisation pathway	n/a - report to Minister and to inform Budget considerations	Q3 2023	D/Transport	DPER, NTA, NewERA

Theme: SHIFT						
Measure: Smart, Shared and Integrated Mobility		2025 KPI - Total Vehicle Kilometres, Fuel Usage, and Sustainable Transport Mode Share		2025 Abatement Potential for Measure: Included in Basket of Sustainable Transport / Demand Management Measures: 0.7 Mt		
Actions						
Action Number	Actions	Steps necessary for delivery	Output	Timeline	Lead	Stakeholders
TR/23/48(TF)	Development and rollout of 'eMobility Hub' shared electric mobility solutions model in the 5 cities	As per headline action	Commence and progress eMobility Hubs roll-out in 5 cities	Q4 2023	D/Transport	NTA, Regional Authorities, Local Authorities
TR/23/49*(TF)	Expand operation and availability of bike share schemes nationally	Continue to support LAs in expansion and operation of shared-bike schemes.	Tenders issued for new bike share contracts	Q4 2023	NTA	Regional Authorities, Local Authorities
TR/23/50*(TF)	Industry engagement on development of shared mobility policy	As per headline action	Industry engagement	Q4 2023	D/Transport	Transport Operators
TR/23/51(TF)	Enact legislation and regulations to permit safe use of personal powered transporters on public roads	Draft regulations, subject to enactment of Road Traffic & Roads Bill	Regulations published	Q3 2023	D/Transport	-
TR/23/52*(TF)	Establish new Unit within D/Transport to actively engage with Shared Mobility Operators / Partnerships, LAs and the NTA to develop and guide policy around Shared Mobility and promote use of Shared Mobility nationally	As per headline action	Establishment of new Shared Mobility Unit within the DoT	Q1 2023	D/Transport	NTA
TR/23/53*(TF)	Undertake a detailed Scoping Assessment of policy models for the development and management of shared micro-mobility schemes in the GDA, for subsequent nationwide implementation	As per headline action	Internal scoping assessment of policy models for shared mobility	Q4 2023	D/Transport	NTA
TR/23/54*(TF)	Develop incentives to promote access to or purchase of e-cargo and e-bikes as viable alternatives to private car use	Review and development of additional incentives to promote alternatives to private car use, for Budget consideration	n/a – scheme design and funding subject to Budgetary process	Q4 2023	D/Transport	DPER, D/FIN

Theme: IMPROVE						
Measure: Decarbonising Public Transport & School Transport Services		2025 KPI - 175,000 passenger EVs, 20,000 commercial LGVs, 700 low-emission HDVs, 300 PSO bus EVs, expansion of electrified rail services			2025 Abatement Potential for Measure: Included in Electrification and Vehicle Technology Basket: 1.96 Mt	
Actions						
Action Number	Actions	Steps necessary for delivery	Output	Timeline	Lead	Stakeholders
TR/23/39(TF)	Advance PSO electric bus fleet procurement, including depot charging upgrades	Advancing PSO electric bus fleet procurement, including depot charging upgrades	Ongoing programme of PSO bus fleet replacement and depot charging upgrades – EV short/midi bus order expected for Q2	Q4 2023	NTA	Transport Operators, D/Transport, D/Education
TR/23/44*(TF)	Develop strategy for the transition of long-distance PSO and commercial bus services to low-emission technologies	Completion of Hydrogen bus pilot study and development of long-term strategy for decarbonisation of long-distance bus services	Hydrogen bus pilot completion to inform long-term decarbonisation strategy development	Q4 2023	NTA	Transport Operators
TR/23/45*(TF)	Identify pathway to appropriate decarbonisation of interurban rail services, informed by Strategic Rail Review	Identify pathway to appropriate decarbonisation of interurban rail services, informed by Strategic Rail Review	Development of decarbonisation pathway for interurban rail services	Q4 2023	NTA, Iarnród Éireann	D/Transport
TR/23/47*(TF)	Identify measures to improve sustainability of School Transport Scheme, informed by Phase 3 review	As per headline action	n/a - to be informed by outcomes of D/Education Phase 3 review	Q4 2023	D/Education	Transport Operators

Theme: IMPROVE						
Measure: EV Charging Infrastructure Strategy & ZEVI work programme		2025 KPI - 175,000 passenger EVs, 20,000 commercial LGVs, 700 low-emission HDVs, 300 PSO bus EVs, expansion of electrified rail services			2025 Abatement Potential for Measure: Included in Electrification and Vehicle Technology Basket: 1.96 Mt	
Actions						
Action Number	Actions	Steps necessary for delivery	Output	Timeline	Lead	Stakeholders
TR/23/55	Advance Destination Charge Point Scheme – including sports clubs, community centres and State operated visitor sites, as well as commercial destinations	As per headline action	Destination Charger Schemes established and drawdown of funding	Q4 2023	D/Transport	SEAI, ESBn, D/FIN, D/HLGH
TR/23/56	Advance Local Authority Residential Charging Scheme and Shared Charging App Pilot	As per headline action	Launch of Shared Charging App pilot; Publication of specific guidelines for the development of EV charging in residential areas, and continued rollout of LA Residential Charging infrastructure	Q4 2023	D/Transport	Local Authorities
TR/23/57	Develop Regional Assembly and Local Authority EV Network plans to deliver accessible and low-cost charging	Regional Authorities supported in development of EV Network plans, and aligned with National EV Charging Infrastructure Strategy	Publication of specific guidelines for the development of EV charging in remote areas and of Regional and Local EV Network Plans	Q4 2023	D/Transport, Regional & Local Authorities	SEAI, ESBn, TII
TR/23/58	Publish a high-powered charging strategy	Strategy development to be informed by mandatory targets set under EU Alternative Fuels Infrastructure Regulation	Publication of high-powered charging strategy	Q4 2023	D/Transport	SEAI, ESBn, TII
TR/23/59*	Review financial incentives to further the transition of vehicle fleets, considering actions to support and deliver a just and equitable EV transition	To consider EV Policy pathway and mechanisms to support achievement of sectoral abatement targets in advance of Budget negotiations	n/a – to inform Budgetary process	Q3 2023	D/Transport	D/FIN, D/PER, NTA
TR/23/60*	Undertake planning and enabling works for AFIR high-power charging requirements on TEN-T network	As per headline action	n/a – requirements not yet established at EU level	Q4 2023	TII	D/Transport, ESBn

Theme: IMPROVE						
Measure: Renewable Fuels for Transport		2025 KPI - Increasing Biofuels Blend Rates to E10/B12			2025 Abatement Potential for Measure: 0.53 Mt	
Actions						
Action Number	Actions	Steps necessary for delivery	Output	Timeline	Lead	Stakeholders
TR/23/61	Publish draft National Policy Framework on Alternative Fuels	Develop and submit updated draft National Policy Framework for Alternative Fuels in Transport to European Commission	Submission of Draft National Policy Framework to European Commission – subject to final EU agreement on Alternative Fuels Infrastructure Regulation	Q4 2023	D/Transport	Transport Operators, Ports, Airports
TR/23/62	Complete implementation of RTF Policy Statement 2021-2023 work programme, including communications on transition to E10 (10% bioethanol)	Subject to enabling primary legislation, regulations to be put in place to support CAP23 biofuel trajectory	Legislation enacted and launch of Communications Campaign re. transition to E10	Q2 2023	D/Transport	D/ECC
TR/23/63	Publish updated RTF Policy Statement for 2023-2025 period	Develop, public consultation and publication of updated policy statement on renewable fuels for transport	Publication of RTF Policy Statement 2023-2025	Q3 2023	D/Transport	D/ECC
TR/23/64*	Promotion of Renewable Fuel Use in Maritime Transport – examination and planning for shore-side electricity in ports under AFIR and Fuel EU Maritime Regulations	Examination and planning for shore-side electricity in ports, and promotion of sustainable fuel use under AFIR, Fuel EU Maritime, and ReFuel EU Regulations	Scoping and Planning studies to inform and determine 2030 requirements	Q4 2023	D/Transport	Maritime Ports, IMDO
TR/23/65*	Rollout of Project Causeway and Green Connect CNG refuelling Infrastructure	Rollout of planned infrastructure under Project Causeway and Green Connect schemes	Additional CNG station rollout subject to planning and necessary approvals	Q4 2023	Gas Networks Ireland	D/ECC, CRU, D/Transport

Theme: ADAPT						
Measure: Transport Adaptation for Enhanced Climate Resilience		2025 KPI - n/a	2025 Abatement Potential for Measure - n/a			
Actions						
Action Number	Actions	Steps necessary for delivery	Output	Timeline	Lead	Stakeholders
TR/23/66	Progress Adaptation and Resilience work programme	Prioritisation of transport adaptation actions and enhancement of adaptive capacity climate risk, prioritisation and adaptive capacity, and enhanced governance and coordination	Establishment of research project cluster and sectoral workshops to inform sectoral adaptation framework development	Q4 2023	D/Transport	EPA, DECC, international, national and sectoral adaptation stakeholders, including Eio-net, OECD
TR/23/67*	Support Research and Evidence-base, including progression of targeted research, increasing adaptive capacity, knowledge sharing and cross-sectoral coordination	Definition of metrics to accurately quantify cost of extreme weather events to State, research development and enhancement of procedures	n/a - internal reports and monitoring to better establish adaptation costs across transport network	Q4 2023	D/Transport	EPA, OPW, Local Authorities, CAROs and sectoral stakeholders

Sustainable Mobility Taskforce Actions						
Action Number	Actions	Steps necessary for delivery	Output	Timeline	Lead	Stakeholders
TR/23/68(TF)	Enhancing Governance & Accelerating Implementation Work Programme	Leadership Group oversight of delivery of SMP Action plan and SMP Pathfinder Programme, including identification of mitigations for escalated risks; Local Authority Climate Action Plan development; and enhancement of Agency and LA Capacity	PMO established in D/Transport to support project delivery; Progression of 35 SMP Pathfinder Projects; Ministerial Annual Progress Report; Publication of LA Climate Action Plan Guidance	Q4 2023	D/Transport	NTA, TII, D/HLGH, Regional Authorities, CCMA
TR/23/69(TF)	Communications Strategy Work Programme	Engaging the Citizen on Climate Action & Sustainable Mobility, through annual work programmes as provided below.	Implementation of Climate Action and Sustainable Mobility Public Engagement Strategy commenced; Convene 1st National Mobility Stakeholder Forum; Launch Advertising Campaign for Climate Action in Transport and targeted ZEV campaign to support EV rollout	Q4 2023	D/Transport	NTA, TII, RSA, SEAI, ESBn, Transport Operators, Cycling Ireland, An Taisce, Research partners
TR/23/70(TF)	Enhanced Spatial and Land-Use Planning Work Programme	Leadership group oversight across cross-Departmental policies; updates to Transport Appraisal Framework guidance; DMURS, and review of parking elements of S28 Guidelines for Planning Authorities on Sustainable and Compact Development	Update to S28 Guidelines for Planning Authorities on Sustainable and Compact Development; Updated Transport Appraisal Framework guidance	Q4 2023	D/Transport, D/HLGH	NTA, TII, RSA, LDA, Regional Authorities, Local Authorities

TR/23/71(TF)	Strategic Transport Planning Work Programme	Development & progression of national legislation, continued programme of review, update, appraisal and planning of services in line with MATS; BusConnects, CycleConnects and National Cycle & Greenway network design	General Scheme of Bill to expand NTA strategic planning remit to regional cities published Public Consultation on Galway Transport Strategy Completed network redesigns for BusConnects Limerick and Galway; CycleConnects and National Cycle & Greenway Network	Q4 2023	D/Transport	NTA, Regional Authorities, Local Authorities
TR/23/72(TF)	Road-space Reallocation Work Programme	Progression of relevant SMP Pathfinder Programme initiatives, Local Authority network identification; review of road traffic policy	Pedestrian enhancement plans developed for 5 cities; Progression of relevant SMP Pathfinder Projects	Q4 2023	D/Transport	NTA, TII, RSA, Regional Authorities, Local Authorities
TR/23/73(TF)	Active Travel Work Programme	Progression of network delivery plans; publication of updated National Cycling Manual guidance	Progression of infrastructural roll-out to deliver additional 1,000 km walking / cycling infrastructure; Safe Routes to School Scheme progression – commencement and delivery of Phase 1 & 2 school schemes	Q4 2023	D/Transport NTA	Local Authorities, An Taisce
TR/23/74(TF)	Major Public Transport Infrastructure Work Programme	Advancement of major PT schemes through statutory processes, pursuant to Government and planning Approvals	Ongoing infrastructure and capacity enhancement rollout; Statutory planning applications for BusConnects, DART+ schemes Enabling and planning works subject to ABP approvals	Q4 2023	NTA	Local Authorities, Transport Operators
TR/23/75(TF)	PT Services Investment & NTA Connecting Ireland – Rural Mobility Programme	Continued roll-out and expansion of NTA Connecting Ireland Rural Mobility Programme, and demand responsive services, and further analysis to develop multi-annual programme cost to meet decarbonisation pathway targets	Government approval for final Connecting Ireland business case; Expansion of Phase 2 rural transport services under Connecting Ireland programme to support achievement of min. 70% rural coverage as per CAP23 targets	Q2 2023; Q4 2023	D/Transport	DPER, NTA, NewERA
TR/23/76(TF)	Smart, Shared and Integrated Mobility Work Programme	Establishment of Shared Mobility unit, policy development, and industry engagement	Regulations on personal powered transports established; Plan for eMobility Hub shared electric solutions across 5-cities; Expanded network of bike-share schemes	Q4 2023	D/ Transport, NTA	Local Authorities
TR/23/77(TF)	Decarbonising Public Transport & School Transport Services Work Programme	Progressing annual fleet transition to achieve CAP23 targets, long-term decarbonisation strategy development for inter-urban and rail services; additional measures to be informed by outcome of Phase 3 School Transport Scheme Review	Annual EV fleet transition to achieve 1,500 EV buses by 2030 Publication of Phase 3 School Transport Scheme Review	Q4 2023	D/ Transport, D/ Education, NTA	Transport Operators



# AG | Agriculture

## AG | Agriculture

Theme: Inputs & Additives						
Measure: Reducing chemical N use		2025 KPI: - Reduce Chemical N Use to a maximum of 330,000 tonnes - target 80 – 90 % uptake of protected urea on grassland farms			2025 Abatement Potential for Measure: 0.75-0.9 MT	
Actions						
Action Number	Actions	Steps necessary for delivery	Output	Timeline	Lead	Stakeholders
AG/23/1	Introduce a National Fertiliser Database	Introduce a National Fertiliser Database	Database launched	Q2 2023	DAFM	Industry
AG/23/16	Encourage farmers to establish multi-species and clover swards to reduce N dependence	Provide funding for the establishment multispecies and clover swards	Funding available through the Eco Scheme under the CAP.	Q4 2023	DAFM	Teagasc
AG/23/17	Encourage farmers to apply lime where necessary to correct soil pH	Provide funding and advice to encourage appropriate lime application	Funding available through the Eco Scheme under the CAP. National funding also available.	Q4 2023	DAFM	Teagasc, Ag Consultants
AG/23/18	Encourage farmers reduce use of Chemical Nitrogen through eco-schemes Agricultural Practice 3 Limiting Chemical Nitrogen Usage	CSP launch of the ecoschemes	Funding available through the Eco Scheme under the CAP.	Q4 2023	DAFM	Teagasc
AG/23/19	Encourage, and where appropriate, require farmers to take soil samples to establish soil nutrient status and soil pH	Under the Nitrates Action programme certain farmers are obliged to take soil samples. Provide funding to encourage others to take soil samples	Funding available through the Eco Scheme under the CAP.	Q4 2023	DAFM	Teagasc, Ag Consultants
AG/23/20	Build a national soils database by providing support to encourage farmers to take soil samples	Build a national soils database by providing support to encourage farmers to take soil samples	National Soil Sampling and Analysis Programme established	Q3 2023	DAFM	Industry
AG/23/2	Increase the adoption of Protected Urea	Develop and publish information on urease or nitrification inhibitors	Information on inhibitors publicly available on the DAFM website	Q2 2023	DAFM	Industry
AG/23/21	Implementation of the ACRES scheme	Scheme opened to applicants	Tranche 1 opened to applicants Tranche 2 opened to applicants	Q1 2023 Q4 2023	DAFM	Teagasc, ACA, farmers
AG/23/3	Continue to fund LESS to contribute to nitrogen reduction	TAMS II Scheme opened to applicants	Scheme opened to applicants	Q1 2023	DAFM	Teagasc, ACA, farmers
AG/23/4	Provide support for the Protein Aid Scheme to support the production of legumes, which play an important role in fixing nitrogen from the atmosphere resulting in reduced chemical nitrogen fertiliser usage	Include a Protein Aid Scheme under the CAP Strategic Plan	Protein Acid Scheme included in CAP SP 2023-2027	Q4 2023	DAFM	Teagasc, Industry
AG/24/1	Review maximum N allowances	Review max nitrogen limits as part of Nitrates Action Programme Interim Review 2023.	Legislation updated	Q1 2024	DHLGH	Teagasc, DAFM, EPA

Theme: Husbandry Practices						
Measure: Reduce the environmental footprint of the dairy and beef sectors, through programmes/plans to promote animal health and welfare		2025 KPI: -Target Finishing Age of 24-25 Months - Reduce age at first calving of suckler beef cows - Improve animal feed - Extend grazing roll out of methane reducing slurry additive			2025 Abatement Potential for Measure: 0.68MT	
Actions						
Action Number	Actions	Steps necessary for delivery	Output	Timeline	Lead	Stakeholders
AG/23/22	Encourage genetic improvement of the suckler herd through the Suckler Carbon Efficiency Programme	CSP Launch Scheme	Funding available through the Eco Scheme under the CAP.	Q4 2023	DAFM	Teagasc
AG/23/7	Improved Animal Feed – Continue to work with all stakeholders to develop a slow-release bolus pasture-based feed additive.	Launch a research call focused on feed additives that can be used in Irish livestock systems.	Research call launched	Q4 2023	DAFM	Teagasc, Industry
AG/23/8	Develop a slurry additive to reduce manure methane	Launch a research call focused on slurry additives	Research call launched	Q4 2023	DAFM	Teagasc, SFI, Industry
AG/23/5	Provide data and analysis to farmers on the benefits of improved animal feeding through knowledge transfer	Provision of most recent research findings on improved animal feeding to farmers through the Teagasc dairy, beef and sheep advisory programmes	delivery confirmed by lead	Q4 2023	Teagasc	DAFM, ACA, farmers
AG/23/6	Promote improved animal breeding through focusing on low methane traits	1.Collection of data – currently 1,400 beef and dairy beef animals in Tully with methane data being collected and a range of animals in Moorepark with grass methane data being collected 2. Analyses the genetic parameters to understand the relationship with other traits 3. Identify a set of breeding values	Breeding values incorporating the methane index generated in the overall breeding value	Q4 2025	DAFM	Beef industry, Teagasc, Ag Consultants, ICBF

Theme: Diversification						
Measure: Expanding the indigenous biomethane sector through anaerobic digestion and increasing the area under tillage		2025 KPI: - Production of 1 TWh of Biomethane by 2025 - Construction of up to 20 AD Plants of scale - Target up to 360,000 ha of tillage			2025 Abatement Potential for Measure: 1.3MT	
2023 – 2025 Actions						
Action Number	Actions	Steps necessary for delivery	Output	Timeline	Lead	Stakeholders
AG/23/10	Mobilise the recommendations of the Food Vision sectoral groupings to incentivise voluntary livestock reductions	Develop proposal for a cow reduction or an exit scheme	Proposed scheme published	Q4 2023	DAFM	Teagasc, Industry
AG/23/10/A	Grant-aiding of solar panels for on-farm electricity generation under TAMs with increased kw limits	Launch TAMs 3 in Q1 2023	Scheme launched and accepting applications	Q1 2023	DAFM	TEAGASC, ACA, Industry
AG/23/10/B	Encourage extensive livestock farming practices through eco-schemes Agricultural Practice 2 Extensive Livestock Production	CSP launch of the ecoschemes	Funding available through the Eco Scheme under the CAP.	Q4 2023	DAFM	Teagasc
AG/23/11	Start-up of the Teagasc biomethane anaerobic digestion pilot plant in Grange	Complete development of the pilot plant	Pilot Plant established	Q4 2023	Teagasc	-
AG/23/12	Continue support for EIP pilot project - Small Biogas Demonstration Programme and dissemination of learnings	Funding allocated	Complete pilot project	Q4 2023	DAFM	DAFM
AG/23/13 (TF)	Deliver a National Biomethane Strategy	Deliver a National Biomethane Strategy aligned with bioeconomy development co-led by DAFM and DECC, under the auspices of Heat and Built Environment Delivery Task Force	A National Biomethane Strategy published	Q3 2023	DAFM	DETE, D/Transport, D/Finance, DPER, D/Housing, EPA, DECC, LAs, ISIF, Teagasc
AG/23/14	Seek financial opportunities for capital support for the development of a Biomethane sector in Ireland	Seek financial opportunities for capital support such as through the NDP, NRRF and allocation of Carbon Tax money with the objective of launching a capital investment scheme in 2024, on a competitive basis, subject to available finance.	Opportunities identified as part of the Biomethane Strategy and Bioeconomy Action Plan	Q3 2023	DECC	DAFM, DETE, DPER, D/Fin
AG/23/15	Identify and address the research and knowledge gaps around supply of feedstocks, the role of biobased products including digestate and the sequestration potential regarding biomethane production	Conduct a systematic review of existing research and identify and address the research and knowledge gaps around supply of feedstocks, the role of biobased products including digestate to support climate action including the sequestration potential regarding biomethane production.	Report of on-going AD future research completed and submitted to DAFM/DECC	Q4 2023	Teagasc	DAFM, DECC, DETE, SEAI, other public funding bodies

AG/23/23	Consider the recommendations arising from the NESC report on Just Transition in Agriculture and develop suitable responding actions for inclusion in CAP 24.	Establish an Implementation Group for Climate Transition in Agriculture	Implementation Report with a focus on engagement, resources and policy.	Q3 2023	DAFM	DECC, NESC D/Taoiseach
AG/23/24	Provide support to growers to increase their area under tillage crops	Introduce the Tillage Incentive Scheme (TIS) in 2023.	Funding of €10m provided under this Scheme.	Q4 2023	DAFM	Industry
AG/24/2(TF)	Introduce the obligation in the heat sector and incentivizing the production of indigenously produced Biomethane	Introduce a Renewable Heat Obligation Scheme	Roll out of Scheme	Q1 2024	DECC	DAFM, DETE
AG/24/2/A (TF)	Consider options for the introduction of an obligation in the heat sector to incentivize the production of indigenously produced Biomethane	Carry out a technical consultation to inform the design and structure of the Renewable Heat Obligation Scheme	Summary of Technical consultation activities published	Q2 2023	DECC	SEAI

**Theme: Diversification****Measure: Increasing the level of Organic Farming****2025 KPI: 250kha of Organic Farming****2025 Abatement Potential for Measure: 0.1MT per 100k ha****Actions**

Action Number	Actions	Steps necessary for delivery	Output	Timeline	Lead	Stakeholders
AG/23/9	Provide financial support to farmers who convert to Organic Farming.	Implement the Organic Farming Scheme in the CAP Strategic Plan. Provide capital supports for organic processors to develop value-add proposition.	Funding for an Organic Farming Scheme provided in the CAP Strategic Plan 2023-2027, to include operational and capital support.	Q4 2023	DAFM	Organic Control Bodies, Teagasc, Ag Consultant
AG/23/9/A	Provide training to farmers who convert or who are considering conversion to organic farming	Develop a national programme of farm walks under the guidance of the Organic Forum. Other practical training options and information sessions for potential new entrants to be rolled out	Calendar of farm walks for 2023 to be published. Walks to be held throughout the year. Information sessions for new scheme entrants on details of the scheme to be run in Q3-4.	Q4 2023	DAFM, Teagasc	DAFM, Organic Control Bodies, Teagasc, Ag Consultant
AG/23/9/B	Raise profile of organic farming	Develop the profile of organic farming internationally. Organic proposition to be developed.	Sector manager appointed for organics by Bord Bia Application for EU funding for organic communications campaign in 2024 submitted	Q4 2023	DAFM Bord Bia	-

A photograph of a forest with tall, thin trees. Sunlight filters through the canopy, creating bright rays and a warm, golden glow. In the foreground, a path with several stone steps leads up a hillside. The ground is covered in moss and fallen leaves. A semi-transparent purple banner is overlaid on the upper part of the image, containing the text 'LU | Land Use, Land Use Change, Forestry'.

LU

Land Use, Land Use Change,  
Forestry

Theme: Forestry & HWP						
Measure: Increase afforestation planting rate		2025 KPI: 28 kha			2025 Abatement Potential for Measure	
Actions						
Action Number	Actions	Steps necessary for delivery	Output	Timeline	Lead	Stakeholders
LU/23/1	Develop, assess, and adopt as appropriate the new Forestry Programme 2023-2027, which aims to introduce new afforestation measures and increased financial supports	Incentivise an increase to annual afforestation rates from approximately 2,000 ha per annum in 2021 and 2022 to 8,000 ha per annum from 2023 onwards, to deliver an additional 28,000 ha of afforestation across the first carbon budget period.	Adoption of a new forest strategy and launch of the Forestry Programme and measures contained therein	Q2 2023	DAFM	DPER, Teagasc, Forestry stakeholders, NGOs, public

Theme: Forestry & HWP						
Measure: Forest Management		2025 KPI			2025 Abatement Potential for Measure	
Actions						
Action Number	Actions	Steps necessary for delivery	Output	Timeline	Lead	Stakeholders
LU/23/2	Develop, assess, and adopt as appropriate Coillte's Strategic Vision, which aims to capture additional carbon dioxide in its forests, soils and wood products by 2050	Continue to manage the Coillte estate to increase carbon storage by managing the age profile of the forest estate to improve its carbon efficiency; expanding proactive silvicultural management of the broadleaf estate; and redesigning peatland forests to improve the carbon balance	Adoption of Coillte's Strategic vision and measures contained therein	Q1 2024	Coillte	-
LU/23/3	Develop, assess, and adopt as appropriate the new Forestry Programme 2023-2027, which aims to introduce new supports to promote Sustainable Forest Management	Launch a new Forestry Programme in 2023 focusing on the importance of climate-smart forestry and continue to support sustainable forest management (SFM) interventions across the entire forestry sector.	Adoption of the new Forestry Programme 2023-2027 and measures contained therein	Q2 2023	DAFM	Forestry stakeholders, NGOs, public
LU/23/21	Protect, enhance, and increase the number of hedgerows and trees on farms	Incentivise carbon sequestration measures for trees and hedgerows in CAP Strategic Plan	Hedgerow and tree planting measures in CSP	Q1 2023	DAFM	-

Theme: Cropland						
Measure: Increase use of cover crops in tillage to increase soil organic carbon levels		2025 KPI: 25 kha			2025 Abatement Potential for Measure	
Actions						
Action Number	Actions	Steps necessary for delivery	Output	Timeline	Lead	Stakeholders
LU/23/4	Launch the CAP Strategic Plan and include a cover crop measure	Support to be provided to farmers to plant cover crops	Inclusion as a measure in CAP Strategic Plan	Q1 2023	DAFM	Teagasc
LU/23/5	As part of CAP Strategic Plan, launch a capital support measure for investments in the tillage sector	Support to be provided for capital investments in tillage equipment	Inclusion as a measure in CAP Strategic Plan	Q2 2023	DAFM	Teagasc

Theme: Cropland						
Measure: Increase the incorporation of straw in cereal area to increase soil organic carbon levels		2025 KPI: 35 kha			2025 Abatement Potential for Measure	
Actions						
Action Number	Actions	Steps necessary for delivery	Output	Timeline	Lead	Stakeholders
LU/23/6	Continue to fund the Straw Incorporation Measure	Include a Straw Incorporation Scheme in the CAP Strategic Plan	Funding for this measure provided in the CAP Strategic Plan 2023-2027.	Q4 2023	DAFM	Industry

Theme: Grassland						
Measure: Improved management of grasslands on mineral soils for carbon sequestration		2025 KPI: 200 kha			2025 Abatement Potential for Measure	
Actions						
Action Number	Actions	Steps necessary for delivery	Output	Timeline	Lead	Stakeholders
LU/23/7	Launch the CAP Strategic Plan and include measures on mineral grasslands to improve sequestration under the Agri- Environment and Climate Measure and Eco-Schemes	Support to be provided to farmers for measures supporting soil carbon sequestration	Inclusion as a measure in CAP Strategic Plan	Q1 2023	DAFM	Teagasc
LU/23/7A	As part of CAP Strategic Plan, launch a capital support measure for investments in the grassland sector	Support to be provided for capital investments in grassland management equipment	Inclusion as a measure in CAP Strategic Plan	Q2 2023	DAFM	-
LU/23/8	Under the Nitrates Regulations impose mandatory requirements under derogation to enhance carbon sequestration	Open the Nitrates Derogation to farmer applications. Include mandatory actions which improve soil carbon sequestration.	Opening of Derogation to farmer applications	Q1 2023	DAFM	-
LU/23/9	Install the remaining GHG towers on mineral soil sites as a part of the National Agricultural Soil Carbon Observatory	Install towers and continue the management and processing of flux data from GHG towers on mineral soil sites as a part of NASCO	GHG towers installed on mineral soil sites, research outputs	Q4 2023	Teagasc	DAFM

Theme: Grassland						
Measure: Reduced management intensity of grasslands on drained organic soils		2025 KPI: 25 kha			2025 Abatement Potential for Measure	
Actions						
Action Number	Actions	Steps necessary for delivery	Output	Timeline	Lead	Stakeholders
LU/23/10	Launch the CAP Strategic Plan and include a Low Input Peat Grassland Measure under the Agri-Environment and Climate Measure	Support to be provided to farmers for low input peat measures	Inclusion as a measure in CAP Strategic Plan	Q1 2023	DAFM	-
LU/23/11	Open a new fund under the CAP Strategic Plan to extend funding for the European Innovation Projects	Secure funding for European Innovation Projects working on reducing GHG emissions from peat soils	Funding secured	Q1 2023	DAFM	-
LU/23/12	Aim to improve peatland mapping by continuing to fund the RePEAT Project	Secure funding to continue project to produce digital peat soil layer in 2025.	Funding secured	Q1 2023	DAFM	EPA, DHLGH, OSI, Teagasc, DECC
LU/23/13	Leverage opportunities from the EU Just Transition Fund to support research, knowledge transfer and monitoring activities of farmed peat soils (subject to approval of Just Transition Funding Programme)	Secure funding from the Just Transition fund to implement a reduced management intensity study	Just transition funding secured.	Q1 2023	DAFM	DECC, EMRA, NPWS,
LU/23/14	Install the remaining GHG towers on peat soil sites as a part of the National Agricultural Soil Carbon Observatory	Install towers and continue the management and processing of flux data from GHG towers on peat soil sites as a part of NASCO	GHG towers installed on peat soil sites, research outputs	Q4 2023	Teagasc	DAFM, NPWS, BnM

Theme: Wetlands						
Measure: Rehabilitate peatlands as part of Bord na Mona EDRRS and LIFE People and Peatlands			2025 KPI: 33 kha	2025 Abatement Potential for Measure		
Actions						
Action Number	Actions	Steps necessary for delivery	Output	Timeline	Lead	Stakeholders
LU/23/15	Continue to restore and rehabilitate former peatland production lands. Impact of activities on carbon emissions assessed using a network of flux towers, hydrometric stations and strategic flux chambers from representative ecologies	Continue on-going programme to restore and rehabilitate former Bord na Móna peatland production lands. 11,000 ha rehabilitated at the end of December 2022. Remaining 22,000 ha scheduled for rehabilitation by end of 2026.	Restored and rehabilitated peatlands, research outputs	Q4 2023	DECC	DHLGH, BnM

Theme: Wetlands						
Measure: Rehabilitate additional peatlands			2025 KPI	2025 Abatement Potential for Measure		
Actions						
Action Number	Actions	Steps necessary for delivery	Output	Timeline	Lead	Stakeholders
LU/23/16	Seek opportunities for the public and private funding of peatland Rehabilitation	Development and establishment of Peatland Finance Ireland	Funding for peatland rehabilitation	Q4 2023	DHLGH	DPER

Theme: Wetlands						
Measure: Restoration of Natura 2000 and NHA sites by NPWS			2025 KPI:	2025 Abatement Potential for Measure		
Actions						
Action Number	Actions	Steps necessary for delivery	Output	Timeline	Lead	Stakeholders
LU/23/17	Continuation of NPWS restoration programme on Special Areas of Conservation and National Heritage Area protected raised and blanket bog. Impact of activities on carbon emissions assessed using a network of flux towers, hydrometric stations and strategic flux chambers from representative ecologies.	Preparatory actions and restoration works to continue across the protected raised bog SAC and NHA network.	Restored and rehabilitated peatlands, research outputs	Q4 2023	DHLGH	-

Theme: Wetlands						
Measure: Coordinate the actions in the Programme for Government regarding peatlands to maximise the benefits for biodiversity		2025 KPI	2025 Abatement Potential for Measure			
Actions						
Action Number	Actions	Steps necessary for delivery	Output	Timeline	Lead	Stakeholders
LU/23/18*	Commission a review of all peatland restoration work carried out across Ireland by different Government Agencies, organisations, NGOs and others	Commission high-level review of peatland related management and collate information (updated figures on carbon abatement as a result of peatland restoration to be produced by Q4 2024).	National Peatland Restoration Review commissioned	Q4 2023	DHLGH	Relevant government agencies, organisations, NGOs and others

Theme: Land Use Review						
Measure: Implement the Land Use Review		2025 KPI:	2025 Abatement Potential for Measure			
Actions						
Action Number	Actions	Steps necessary for delivery	Output	Timeline	Lead	Stakeholders
LU/23/19	Publication of Phase 1 of the Land Use Review – Evidential Review	As per Headline Action	Phase 1 Report published	Q1 2023	DECC, DAFM, DHLGH	Relevant Agencies
LU/23/20	Commencement of Phase 2 of the Land Use Review - Policies, Measures and Actions	As per Headline Action	Commencement of Phase 2	Q1 2023	DECC, DAFM, DHLGH	Relevant Agencies
LU/23/20/A	-	Necessary: Interim Reporting to Government	Interim Report	Q4 2023	-	-
LU/25/1	Publication of Phase 2 of the Land Use Review – Polices, Measures and Actions	As per Headline Action	Phase 2 Report published	Q1 2025	DECC, DAFM, DHLGH	Relevant Agencies

An underwater photograph of a kelp forest. The water is clear and blue, with sunlight filtering through from the surface, creating a shimmering effect. The kelp blades are large and green, with some showing signs of being eaten or damaged. The overall scene is vibrant and healthy.

# MA | The Marine Environment

## MA | Marine

Theme: Marine Environment						
Measure: Support the new state-led consenting system for the Maritime Area and the development of ORE						
Actions						
Action Number	Actions	Steps necessary for delivery	Output	Timeline	Lead	Stakeholders
MA/23/1	Establish the new Maritime Area Regulatory Authority	Establish a new State Agency, The Maritime Area Regulatory Authority (MARA), to grant and manage all future Marine Area Consents (MACs) beyond initial batch 1 projects.	MARA established. Consenting processes handed over from Minister of ECC to MARA.	Q2 2023	DHLGH	-
MA/23/2	Adopt a statutory Marine Planning Policy Statement and develop Marine Planning Guidelines to support decision making by An Bord Pleanála	Develop MPPS and Marine Planning Guidelines	MPPS and Marine Planning Guidelines published	Q4 2023	DHLGH	-
MA/23/3	Progress at pace the designation of marine Special Areas of Conservation and Special Protection Area sites, prioritised in line with the Government decisions	Designation of sites	Designation of SAC and SPA sites	Q4 2023	DHLGH	-
MA/23/4	Progress the mapping of all Irish offshore waters through the INFOMAR Programme to support all marine activities, including climate effect monitoring and site selection for offshore energy	Surveying and mapping of offshore waters to further leverage national interests and coastal and shelf based development opportunities, including supporting the development of the Offshore Renewable Energy sector and protection of the marine environment.	Maps of Irish offshore waters completed	Q4 2023	GSI	-

Theme: Marine Environment						
Measure: Identify, designate and manage Marine Protected Areas						
Actions						
Action Number	Actions	Steps necessary for delivery	Output	Timeline	Lead	Stakeholders
MA/23/5	Develop comprehensive legislation for the identification, designation, and management of Marine Protected Areas in Irish marine waters	Enact legislation	Legislation enacted	Q4 2023	DHLGH	DECC, DAFM, D/Taoiseach, other relevant Government Departments and agencies, eNGOs, the public
MA/23/6*	Develop criteria for Marine Protected Areas to include nature-based carbon storage and resilience to climate change and ocean acidification	Develop criteria	Set of criteria published	Q4 2023	DHLGH	DECC, other relevant Government Departments and agencies, eNGOs, the public

<b>Theme: Marine Environment</b>						
<b>Measure: Marine climate change monitoring and assessment</b>						
<b>Actions</b>						
Action Number	Actions	Steps necessary for delivery	Output	Timeline	Lead	Stakeholders
MA/23/7	Develop national marine climate indicators to monitor and assess the effects of climate change on the marine environment	Development of indicators	National marine climate indicators published	Q4 2023	MI	DHLGH

<b>Theme: Marine Environment</b>						
<b>Measure: Marine Adaptation and Marine Mitigation</b>						
<b>Actions</b>						
Action Number	Actions	Steps necessary for delivery	Output	Timeline	Lead	Stakeholders
MA/23/8	Finalise and launch the new National Marine Research and Innovation Strategy – Ocean Knowledge 2030	Finalisation, Government approval & launch.	Final strategy document and Action Plan published	Q4 2023	MI	Marine Research Funders Forum (MRFF), Government Departments,

<b>Theme: Marine Environment</b>						
<b>Measure: Marine Mitigation</b>						
<b>Actions</b>						
Action Number	Actions	Steps necessary for delivery	Output	Timeline	Lead	Stakeholders
MA/23/9	Develop a roadmap for the efficient upgrading of existing infrastructure within the Fishery Harbour Centres	Identify existing lighting and heating requirements and systems within the FHCs and prepare an upgrade programme. Implement upgrade programme for Fishery Harbour Centres, subject to funding.	Report and funding application. Commencement of upgrade works.	Q4 2023	DAFM	Seafood Industry
MA/23/10	Reduce fossil fuel dependency/consumption across Fishery Harbour Centre infrastructure	Identify gaps and examine feasibility of increasing availability of shore power in the FHCs. Examine the feasibility of providing public EV charging within the FHCs. Procurement of consultants, subject to funding	Reports and funding application. Engagement of Technical Consultants.	Q3 2023	DAFM	Seafood Industry

MA/23/11	Improve ocean climate literacy	Develop and disseminate outputs from the BlueFish Project. Develop teaching materials for the Explorer's education programme. Scope the development of a climate change module for the Aquaculture Remote Classroom.	Exhibitions in coastal communities. Delivery of teaching materials	Q4 2023	MI and BIM	Coastal communities
MA/23/12*	Complete a series of workshops on the results of the Seafood Carbon Footprint Report and its impacts on the industry to increase awareness around the need to reduce inputs and fuel use	Carbon Conference – a series of workshops /roadshows on the results in ports and regions	Four workshops delivered to industry on the outcomes of the carbon report	Q4 2023	BIM	Seafood Industry
MA/23/13*	Complete a pilot study on improving the carbon efficiency of fishing gear design	Test reduced fuel use and carbon emissions in the Nephrops trawl fishery by raising the otter doors off the seabed	Report completed and communicated to industry through trade press articles, social media and regional workshops	Q3 2023	BIM	Seafood Industry
MA/23/14*	Complete a report on alternative fuels and their environmental protection potential	Carry out a Literature review on fuels with potential for use by the fishing fleet, the Technology Readiness Levels of the fuels and those that are likely to be used and in which segment, and identify the infrastructure needed to support these alternative fuels	Report completed and communicated to industry through trade press articles, social media and regional workshops	Q3 2023	BIM	Seafood Industry
MA/23/15*	Maintain and seek ways to improve on the participation rate of 96% in the Clean Oceans Initiative	Maintain the participation rate of 96% in the Clean Oceans Initiative. Work with the industry to develop systems for the circular economy of fishing gear. Further implementation of gear retirement scheme. Maintain supports to ports for Fishing for Litter campaign and participation from industry.	Pilot gear retirement scheme underway in Clean Oceans port. Feedback from this to inform the roll out of the scheme across the country. Quarterly reports and outreach	Q4 2023	BIM	Seafood Industry
MA/23/17*	Establish the mitigation potential of low trophic species such as shellfish and seaweeds cultured in an integrated multi-trophic aquaculture context	Complete cultivation trials to quantify the mitigation potential of carbon and bioremediation of Nitrogen and Phosphorus; that low trophic species (Ostrea edulis, Pecten maximus, Saccharina Latissima and Alaria esculenta) can provide.	Report on bioremediation potential of low trophic species in IMTA to support the development of circular and sustainable carbon friendly food production systems	Q4 2023	MI	Seafood Industry
MA/24/1	Progress the marine climate research and climate adaptation tools as set out in the Implementation Plan to the report on 'Priority steps towards building climate change resilience for the Seafood Sector'	Progress the marine research and the climate adaptation tools for the seafood sector and fishery harbour centres set out in the Implementation Plan	Outputs from the implementation plan	Q4 2024	MI	-

A close-up photograph of a person's hand operating a blue and black orbital sander on a wooden surface. The person is wearing a blue and white plaid shirt. The sander has a red trigger switch. The background is a blurred workshop setting. A semi-transparent purple banner with rounded corners is overlaid on the image, containing the text 'CE | The Circular Economy' in white. A white diagonal line separates the 'CE' from the rest of the text.

# CE | The Circular Economy

## CE | The Circular Economy

Theme: Enable Our Circular Economy						
Measure: Set Strategic Direction for a Circular Economy						
Actions						
Action Number	Actions	Steps necessary for delivery	Output	Timeline	Lead	Stakeholders
CE/23/1	Publish a Whole-of-Government Circular Economy Strategy and promote the circular economy, including focusing on awareness raising, Green Public Procurement and international partnerships	Publish a 2nd whole- of-Government Circular Economy Strategy setting out overall national policy in relation to circular economy	2nd iteration of Strategy published	Q4 2023	DECC	-
CE/23/2	Establish a Circular Economy Innovation Scheme, focusing on providing funding for a limited number of regional and/or national scale circular economy projects, with the capacity to significantly raise awareness of the circular economy and/or improve consumption patterns in relation to specific product categories or within specific sectors	As per Headline Action	Payment of Innovation Scheme Funding underway	Q4 2023	DECC	-
CE/23/2/A	Establish a national Circular Economy platform which will report on an ongoing basis	As per Headling Action	Platform Commissioned	Q4 2023	DECC	-
CE/23/3	Reduce demand for virgin raw materials and support re-use, by keeping material out of waste streams through streamlined end-of- waste and by-product decision-making processes and national end-of-waste decisions for specific construction and demolition waste streams	Enact necessary legislative changes via the Circular Economy Act 2022	Publication of secondary legislation Publication of national decisions	Q3 2023 Q4 2023	DECC EPA	-
CE/23/4*	Continue to drive the rollout of CirculEire, the national programme for circular manufacturing and innovation	Collaborate with the Irish Research Manufacturing Technology Centre team to maximise the impact of CirculEire	Increase in companies adopting circular principles	Q4 2023	DECC	DETE, Climate KIC, Irish Research Manufacturing Technology Centre, EI
CE/23/5	Develop a Food Waste Prevention Roadmap that sets out a series of actions to deliver the reductions necessary to halve our food waste by 2030 and promote our transition to a circular economy	Publish Roadmap and commit resources to the EPA to undertake national food waste prevention activities	Final roadmap published	Q4 2022	DECC	-

CE/23/6	Enhance food waste segregation, collection and treatment (anaerobic digestion and composting)	Implement further roll out of segregation and collection of commercial and household food waste, and engage in education and awareness, and enforcement activities	Awareness and enforcement campaign launched	Q4 2023	DECC	-
CE/23/7	Develop and implement a new Regional Waste Management Plans that will guide our transition to a circular economy	Publish Regional Waste Management Plans	New Plans published	Q3 2023	DECC	-
CE/23/8	Develop new and expanded environmental levies to encourage reduced resource consumption and incentivise higher levels of re-use and recycling	As per Headline Action	-	-	-	-
CE/23/8/A	-	Introduction of a new levy on disposable coffee cups	Disposable coffee cup levy in place	Q2 2023	DECC	-
CE/23/8/B	-	Introduction of a new Waste Recovery levy	Waste Recovery levy in place	Q4 2023	DECC	-
CE/23/9	Begin work on consumer information actions to inform consumer choice aimed at driving improvements in the environmental sustainability of the electronic communications sector	ComReg will begin work on designing and implementing a consumer information initiative focused on environmental sustainability. This will aim to (i) raise awareness of available information regarding the environmental impacts of electronic communications services (ECS) and (ii) conduct research on consumer attitudes and outline positive actions consumers can take to reduce this environmental impact in coordination with their ECS providers	Consumer information initiative launched	Q4 2023	ComReg	DECC

**Theme: Other**

**Measure: F-gases regulation**

**Actions**

Action Number	Actions	Steps necessary for delivery	Output	Timeline	Lead	Stakeholders
CE/23/10*	Implement Regulation (EU) No 517/2014 on F-Gases	As per Headline Action	Regulation monitored domestically	Annual Commitment	DECC	-

**Theme: Other**

**Measure: Waste Collection**

**Actions**

Action Number	Actions	Steps necessary for delivery	Output	Timeline	Lead	Stakeholders
CE/23/11	Separate collection obligations extended to include bio-waste by end of 2023	As per Headline Action	Obligation Adopted	Q3 2023	DECC	-

A close-up photograph of a hand pouring water onto a small green plant. The hand is positioned at the top center, with water dripping from the fingers. The plant is in the lower center, with several green leaves. The background is a blurred, dry, brown landscape. A dark red banner with rounded corners is overlaid on the image, containing the text 'IC | International Climate Action'.

# IC | International Climate Action

## IC | International Climate Action

Theme: International Climate Policy						
Actions						
Action Number	Actions	Steps necessary for delivery	Output	Timeline	Lead	Stakeholders
IC/23/1	Provide at least €225 million per year in Climate Finance to developing countries by 2025	Scale up international climate finance through existing channels of support, introducing new funding initiatives and enhancing reporting on the gender- responsiveness of Ireland's international climate finance as part of the Ireland's overall climate finance reporting.	Delivery of annual Climate Finance reporting to the EU and Ireland's annual Climate Finance report	Q4 2023	DFA	DECC, DFIN, DAFM, DPER, D/Taoiseach
IC/23/1/A	-	Strategy for Small Island Developing States	Publication of Second National Strategy for Ireland's engagement with Small Island Developing States	Q2 2023	DFA	DECC, DFIN
IC/23/2*	Promote awareness, enhance participation and international cooperation on climate issues in international climate negotiations and processes	Explore opportunities to support and promote dialogue on key climate challenges	Provide space for exchanges with international partners on climate issues	Q4 2023	DECC	DAFM, DFA, DFIN, EPA
IC/23/2/A	-	Establish Climate Youth Delegate Programme	Appointed 2023 Irish Climate Youth Delegate	Q1 2023	DECC	DFA, DCEDIY
IC/23/3	Achieve constructive participation across multilateral environment fora	Constructive participation in negotiations on a new international legally binding instrument under the United Nations Convention on the Law of the Sea on the conservation and sustainable use of marine biological diversity of areas beyond national jurisdiction	Conclusion of an ambitious legally binding instrument on marine conservation in the high seas	Q1 2023	DFA	DHLGH, DETE, DFA

# AD | Adaptation



## AD | Adaptation

Theme: National Policy						
Measure: Update national adaptation policy in line with Climate legislation and NAF Review						
Actions						
Action Number	Actions	Steps necessary for delivery	Output	Timeline	Lead	Stakeholders
AD/23/1	Identify a methodology for the use of climate indicators in sectoral adaptation planning process	Publish draft set of indicators and agree methodology with sectors for use of indicators	Draft indicators for an existing adaptation sector and a methodology on the use of indicators in national adaptation planning and sectoral guidelines	Q3 2023	DECC	TII to develop indicators for Roads sector, EPA/Climate Ireland to provide technical assistance, Met Éireann/NFCS support
AD/23/20	Develop a new National Adaptation Framework (NAF)	First draft of new NAF to be completed	Draft to be completed ready for a public consultation in line with Aarhus requirements	Q4 2023	DECC	Sectors required to provide input, ENGOs + General Public input required via statutory consultation, NASC members to provide advice and obs, CCAC to advise.
AD/25/1	Develop new Sectoral Adaptation Plans in line with updated sectoral adaptation guidelines	Outputs from Action AD/24/1 and AD24/1/B will determine which Sectors are required to develop SAPs. Steps required for that process by Sectors will include risk analysis, identification of relevant indicators and collaboration on crosscutting Sectoral adaptation issues.	Sectoral adaptation plans covering priority sectors	Q2 2025	DECC	Government Departments to lead on the development of sectoral plans under their remit and to develop plans in line with legal requirements and guidance, Government to approve all plans.

Theme: Adaptation						
Measure: Ensure climate resilience of flood risk management policies						
Actions						
Action Number	Actions	Steps necessary for delivery	Output	Timeline	Lead	Stakeholders
AD/23/2	Produce guidance on the assessment of adaptation measures and the development of Climate Change Adaptation Plans for past and new flood relief schemes	Produce guidance note on climate adaptation for past flood relief schemes Produce guidance note on climate adaptation for new flood relief schemes	Guidance on climate adaptation for past and new flood relief schemes to ensure that the design of flood relief schemes takes account of climate change projections	Q4 2023	OPW	DPER, LAs to lead on the development of flood relief schemes
AD/23/3	Update the existing Minor Works Programme to ensure applications consider the potential impacts of climate change and, where necessary, that any measures proposed provide for, or are adaptable to, possible future changes in flood risk	Update Minor Works Questionnaire and Assessment of Benefits to include climate change assessment	Climate change considered and integrated into the terms and conditions of the Minor Works Programme	Q4 2023	OPW	DPER, LAs required to consider climate change when proposing works or studies under the Minor Works Programme.
AD/23/4	Develop options for the delivery of a National Implementation Strategy for Nature-Based Solutions and interim guidance to the management of rainwater and surface water runoff in urban areas	Engagement with key stakeholders and subject matter experts and draft and publish scoping document for the delivery of a National Implementation Strategy.	Development of interim guidance to assist in management of rainwater in urban areas and progress in developing a national strategy for nature-based solutions	Q4 2023	DHLGH	EPA to provide technical support and advice, LAWPRO to coordinate work at local authority level
AD/23/5	Produce climate change groundwater flood maps and assess predicted climate change impacts to groundwater flooding at four pilot sites	Installation and maintenance of monitoring network, processing of satellite data and incorporation of Met Éireann data. Field verification.	Climate change flood maps and guidance on climate change impacts to groundwater flooding.	Q4 2023	DECC Geological Survey Ireland	Met Éireann,

Theme: Adaptation						
Measure: Build resilience of coasts to climate change						
Actions						
Action Number	Actions	Steps necessary for delivery	Output	Timeline	Lead	Stakeholders
AD/23/6	Finalise scoping report on coastal change management	Examination of the threats and effects of coastal change as they relate to the remit of Government Departments and wider stakeholders taking climate change into account.	A scoping report setting out the extent of the issue of coastal change for Ireland,	Q1 2023	DHLGH	OPW is joint lead, Other Departments required to input to report

Theme: Adaptation						
Measure: Develop climate services and improve climate data availability						
Actions						
Action Number	Actions	Steps necessary for delivery	Output	Timeline	Lead	Stakeholders
AD/23/7	Make TRANSLATE the national standard set of climate projections	Publish TRANSLATE project's outputs	A national, standardised set of climate projections that can be used across multiple Sectors	Q3 2023	DHLGH - Met Éireann	EPA, Adaptation Sector
AD/23/7/A	-	Incorporate the outcomes of national level research including the TRANSLATE project into the Climate Ireland Portal	Relevant and up to date research will be uploaded and made available by the EPA on the Climate Ireland platform to support adaptation planning	Q4 2023	DECC EPA	Met Éireann, NFCS
AD/23/8	Develop Climate Ireland portal as Ireland's climate information platform as part of the NFCS	Support international reporting on climate change impacts and adaptation under the EU energy and governance regulation	Updated report to EU on Ireland's progress implementing adaptation measures and on the impacts of climate change.	Q1 2023	DECC EPA	DECC will support in compiling the report
AD/23/8/A	-	Publish an annual short report on national adaptation indicators and adaptation progress	Ireland's progress implementing adaptation measures and on the impacts of climate change with reference to International obligation including EU energy and governance regulation.	Q4 2023	DECC EPA	DECC to provide support
AD/23/8/B	-	Co-ordinate the development and implementation of an approach to incorporate the use of National Climate Services data within National and sectoral guidance to embed climate adaptation action in the planning, design, construction and operation of national infrastructure	Update of relevant design, assessment and planning guidance to appropriately incorporate NFSC information	Q4 2023	DECC EPA	EPA Met Éireann/DECC/D HLGH/OPR
AD/25/2	Develop Ireland's first Climate Change Risk Assessment (CCRA)	Develop and implement the delivery and publication plan for Ireland's Climate Change Risk Assessment (CCRA)	Ireland's first dedicated Climate Change Risk Assessment setting out the priority impacts of climate change for Ireland	Q1 2025	DECC EPA	DECC to provide policy and financial support, Met Éireann to provide technical support, Research community to provide input, CCAC to provide input, CAROs to coordinate local level input as required, D/Defence, private sector

Theme: Adaptation						
Measure: Develop early warning systems						
Actions						
Action Number	Actions	Steps necessary for delivery	Output	Timeline	Lead	Stakeholders
AD/23/9	Operationalise ANYWHERE system	Develop early warning systems users network	Pilot ANYWHERE mapping portal-based system available to decision makers	Q4 2023	DHLGH - Met Éireann	-
AD/23/21	Continue to develop flood forecasting capability in the areas of fluvial (river) and coastal flooding	-	Operationalise Flood forecasting system A fully functioning and operational flood forecasting system to provide accurate and detailed flood forecasts to relevant stakeholders	Q4 2023	DHLGH - Met Éireann	OPW, Local Authorities

Theme: Adaptation						
Measure: Improve the climate resilience of infrastructure						
Actions						
Action Number	Actions	Steps necessary for delivery	Output	Timeline	Lead	Stakeholders
AD/23/10*	Mainstream climate change adaptation into energy policy and strategic objectives to 2050	Assess level of climate change adaptation in energy policy and make recommendations, as appropriate to input into next sectoral adaptation plan covering the sector	Report compiled on how energy policies systematically reflect and account for the impacts of climate change	Q4 2023	DECC	CRU, GNI, EirGrid, ESB Networks
AD/23/11	Incorporate adaptation to climate change in the ongoing programme of renewal and maintenance by EirGrid, ESB Networks and Gas Networks Ireland	As per Headline Action	Energy network companies to provide report on measures taken ensure climate change is taken into account in planning and design standards and engineering management practices, update on measures taken to identify areas vulnerable to impacts of climate change and report on adaptation options required to adapt to impact of climate change on vulnerable infrastructure	Q4 2023	DECC CRU	DECC
AD/23/12	Publish a report following completion of ComReg's network resilience project: 'Climate Change and its Effect on Network Resilience in Ireland', and where appropriate implement the findings and key take-aways	Briefings for stakeholders, as required, on the report 'A study by Frontier Economics on the Impact Climate Change and Adaptation have on Telecom Networks in Ireland.'	Improved data and potential options in relation to the climate resilience of telecommunications networks in response to climate change	Q4 2023	DECC ComReg	EirGrid, ESB Networks, GNI

AD/23/13	Collate and review the various methodologies available to calculate the environmental impact of electronic communications networks and promote the harmonisation of such measurement indicators across the EU	Drafting of BEREC report which summarizes: (i) the relevant EU regulatory framework and existing technical work in the area, (ii) the four workshops hosted by the BEREC Working Group Sustainability on this workstream, and (iii) the responses to the survey sent to stakeholders (NRAs and industry players).	BEREC report drafted on environmental sustainability indicators for electronic communications networks and services, which will be sent for public consultation.	Q4 2023	DECC ComReg	Body of European Regulators for Electronic Communications (BEREC)
AD/23/14	Improve the resilience of Ireland's water infrastructure to the impacts of climate change	Improve the resilience of Ireland's water supply through implementation of Irish Water's Water Stewardship Programme	The programme supports business customers by training IW business customers on how to lower water consumption and reduce operating costs while also protecting the environment. 600 business certified to date. An additional 315 business to be certified in 2023.	Q4 2023	DHLGH Irish Water	DHLGH
AD/23/14/A	-	Reduce the impact of climate change to our Water Infrastructure by adopting the four regional plans under Irish Water's National Water Resources Framework Plan	Implementation of the plans will lead to Improved water infrastructure, improved water supply management and improved demand management which will improve the climate resilience of our water supply network	Q4 2023	DHLGH Irish Water	DHLGH

**Theme: Adaptation****Measure: Build Climate resilience of our health systems****Actions**

Action Number	Actions	Steps necessary for delivery	Output	Timeline	Lead	Stakeholders
AD/23/15	Develop a better understanding of the health impacts of climate change in Ireland by undertaking analysis and research to obtain baseline information on the impacts of severe weather, flooding, and drought on public health	Analysis of impacts of air quality on health to identify potential increase/decrease in air quality risks Build and refine Irish- specific climate change epidemiology relating to air pollution and identify risk groups	Analysis report published, including Irish-specific climate change epidemiology	Q4 2023	D/Health	DECC, EPA, HSE, NFCS members, others as appropriate
AD/23/16	Develop a new public health heat wave plan and seek to ensure more uniform system-wide planning for heatwaves	As per Headline Action	Publish public health heat wave plan	Q4 2023	D/Health	HSE, LAs, Met Éireann, DHLGH, Health Protection Surveillance Centre
AD/23/17*	Build the knowledge base required to improve health infrastructure resilience to severe weather events: severe wind, heat waves, flooding, and extreme cold snaps	As per Headline Action	Improved capacity within the health sector to deliver climate resilient health infrastructure in the short, medium and longer term	Q4 2023	D/Health	HSE to ensure that data and information is integrated into asset management processes and infrastructure design and location

Theme: Adaptation						
Measure: Increase awareness of the need to take climate adaptation measures						
Actions						
Action Number	Actions	Steps necessary for delivery	Output	Timeline	Lead	Stakeholders
AD/23/18	Engage with key stakeholders and adaptation practitioners in relation to building climate resilience and the importance of adapting to climate change	EPA to hold annual climate adaptation seminar for practitioners on key policy, research and data topics to inform international, regional and local adaptation work plans.	Greater awareness of need to adapt among key stakeholders and public discussion of important adaptation challenges	Q4 2023	EPA	General Public, Adaptation practitioners, NASC, NFCS, other Government Departments
AD/23/18/A	-	EPA to develop a national climate adaptation network to support delivery of actions set out in the NAF	Greater cooperation across sectors and agencies on climate adaptation	Q4 2023	EPA	NFCS, Other Government Departments and agencies to engage with Network, Other relevant stakeholders to join and engage with network
AD/23/18/B	-	Host the European Climate Change Adaptation Conference (ECCA) in June 2023	Ireland is hosting the biennial European Climate Change Adaptation Conference (ECCA) in Dublin Castle in June 2023. The event is the largest climate adaptation conference in Europe and will be attended by around 500 adaptation experts from across Europe. It provides a significant opportunity to bring attention to the need to adapt to climate change.	Q2 2023	EPA	DECC to provide financial and other support, UCC/MaREI to provide logistical and administrative support in organising the conference, NASC members
AD/23/19	Increase awareness of water conservation and the importance of protecting Ireland's water resources among students through the Green-Schools Partnership programme	As per Headline Action	This programme helps students to learn about the environment, including water conservation and efficiency. 700,000 students have been engaged to date. A further 143,000 to be engaged by Q3 2023.	Q3 2023	Irish Water	DHLGH



Version 1

Department of the Environment,  
Climate and Communications



Rialtas na hÉireann  
Government of Ireland