



Rialtas na hÉireann  
Government of Ireland

# Climate Action Plan 2024

Annex of Actions



WE'RE  
TAKING  
CLIMATE  
ACTION



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Front cover: photo by Tina Claffey. Sundew, Killaun Bog, Birr, Co. Offaly

## CAP24 Annex of Actions Guide

The Climate Action Plan 2024 sets out the measures and actions that will support the delivery of Ireland's climate action ambition.

### New Approach to 2024 Annex of Actions

In the 2024 Annex of Actions, only new, high impact actions for 2024 will appear. The full set of measures and actions will continue to be found in the Plan itself; providing the legally required roadmap of actions to reach climate targets. The actions listed in the Annex are assigned an action number and detail relating to these numbers is provided below.

### Action Number

The unique action numbers for each action indicate what chapter the action relates to.

The Action Number includes a two-letter code action numbers provide information to indicate the chapter the action relates to and the expected year of delivery. The below table lists these codes and their corresponding Chapters.

| Code | Cap24 Chapter   |
|------|---|
| CN   | Critical Nature of the Challenge                        |
| WW   | Where We Stand  |
| PD   | Policy to Date and Expected Impact of Planned Policies  |
| RE   | Research and Innovation                                 |
| GV   | Governance of the Challenge                             |
| PW   | Choosing the Pathways                                   |
| 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   |
| IN   | Industry  |
| BE   | Built Environment                                       |

| Code | Cap24 Chapter                            |
|------|--|
| TR   | Transport                                |
| AG   | Agriculture                              |
| LU   | Land Use, Land Use Change, Forestry      |
| MA   | The Marine Environment                   |
| LG   | Local Government                         |
| CE   | The Circular Economy and Other Emissions |
| IC   | International Climate Action             |
| AD   | Adaptation                               |

Colour key for Annex of Actions

Light Blue

2024 High-Level 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/climateaction website. To retain accountability, any delayed high impact actions from CAP23 will roll-over for delivery and progress reporting in Q1 2024 and beyond. They will appear in quarterly reports as delayed actions until they are completed. A legacy report will be published alongside the Q4 2023 Progress Report that will identify delayed high impact actions and close off, with explanation, any lower impact actions.

Climate Delivery Taskforces (TF)

The Minister for the Environment, Climate and Communication has established 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 CAP24 align with actions/objectives set out by the Delivery Taskforces, their Action Numbers in the annex include '(TF)' to reflect this alignment.

## Glossary of Acronyms

|               |   |
|---------------|---|
| <b>ACA</b>    | Agricultural Consultants Association        |
| <b>AFIR</b>   | Alternative Fuels Infrastructure Regulation |
| <b>BER</b>    | Building Energy Rating                      |
| <b>CAP</b>    | Climate Action Plan                         |
| <b>CAP</b>    | Common Agricultural Policy                  |
| <b>CARO</b>   | Climate Action Regional Office              |
| <b>CBER</b>   | Commercial Built Environment Roadmap        |
| <b>CBI</b>    | Central Bank of Ireland                     |
| <b>CCAC</b>   | Climate Change Advisory Council             |
| <b>CCET</b>   | Climate Change Expenditure Tagging          |
| <b>CCIM</b>   | Climate Change in the Irish Mind            |
| <b>CCMA</b>   | County and City Management Association      |
| <b>CCUS</b>   | Carbon Capture, Utilisation and Storage     |
| <b>ComReg</b> | Commission for Communications Regulation    |
| <b>CO2</b>    | Carbon Dioxide                              |
| <b>CO2eq.</b> | Carbon Dioxide Equivalent                   |

|                    |  |
|--------------------|--|
| <b>CRU</b>         | Commission for Regulation of Utilities                                       |
| <b>C&amp;V</b>     | Community and Voluntary  |
| <b>DART</b>        | Dublin Area Rapid Transit  |
| <b>DAFM</b>        | Department of Agriculture, Food and Marine                                   |
| <b>D/Education</b> | Department of Education  |
| <b>DEAP</b>        | Dwelling Energy Assessment Procedure   |
| <b>DECC</b>        | Department of the Environment, Climate and Communications                    |
| <b>DETE</b>        | Department of Enterprise, Trade, and Employment                              |
| <b>DFA</b>         | Department of Foreign Affairs  |
| <b>DFHERIS</b>     | Department of Further and Higher Education, Research, Innovation and Science |
| <b>D/FIN</b>       | Department of Finance  |
| <b>DfINI</b>       | Department for Infrastructure Northern Ireland                               |
| <b>DH</b>          | District Heating   |
| <b>DHLGH</b>       | Department of Housing, Local Government, and Heritage                        |
| <b>DMAP</b>        | Designated Marine Area Plan  |



|                    |   |
|--------------------|---|
| <b>DPENDR</b>      | Department of Public Expenditure, National Development Plan Delivery and Reform |
| <b>D/Taoiseach</b> | Department of the Taoiseach   |
| <b>D/Transport</b> | Department of Transport   |
| <b>DTCAGSM</b>     | Department of Tourism, Culture, Arts, Gaeltacht, Sports and Media               |
| <b>DZ</b>          | Decarbonising Zone  |
| <b>EI</b>          | Enterprise Ireland  |
| <b>EMRA</b>        | Eastern and Midland Regional Assembly   |
| <b>ENGOS</b>       | Environmental Non-Governmental Organisations                                    |
| <b>EPA</b>         | Environmental Protection Agency   |
| <b>ESB</b>         | Electricity Supply Board  |
| <b>ESBN</b>        | Electricity Supply Board Networks   |
| <b>ETB</b>         | Education and Training Board  |
| <b>EV</b>          | Electric Vehicle  |
| <b>FET</b>         | Further Education and Training  |
| <b>FTAI</b>        | Freight Transport Association of Ireland  |
| <b>GDA</b>         | Greater Dublin Area   |

|             |   |
|-------------|---|
| <b>GEAG</b> | Geothermal Energy Advisory Group        |
| <b>GSPD</b> | Geoscience Policy Division              |
| <b>GSI</b>  | Geological Survey Ireland               |
| <b>HBET</b> | Heat and Built Environment Taskforce    |
| <b>HCI</b>  | Human Capital Initiative                |
| <b>HDV</b>  | Heavy-Duty Vehicle                      |
| <b>HEA</b>  | Higher Education Authority              |
| <b>HEI</b>  | Higher Education Institutions           |
| <b>HGV</b>  | Heavy Goods Vehicle                     |
| <b>HSE</b>  | Health Service Executive                |
| <b>IDA</b>  | Industrial Development Agency           |
| <b>INC</b>  | Intergovernmental Negotiating Committee |
| <b>IPA</b>  | Institute of Public Administration      |
| <b>IRHA</b> | The Irish Haulage Association           |
| <b>ISIF</b> | Ireland Strategic Investment Fund       |
| <b>KIC</b>  | Knowledge and Innovation Community      |
| <b>KPI</b>  | Key Performance Indicator               |

|                            |   |
|----------------------------|---|
| <b>LA</b>                  | Local Authority                             |
| <b>LAWPRO</b>              | Local Authority Waters Programme            |
| <b>LDA</b>                 | Land Development Agency                     |
| <b>LEU</b>                 | Large Energy User                           |
| <b>LGV</b>                 | Large Goods Vehicle                         |
| <b>MAC</b>                 | Maritime Area Consent                       |
| <b>MACC</b>                | Marginal Abatement Cost Curve               |
| <b>MCCS</b>                | Midlands Carbon Capture Study               |
| <b>MI</b>                  | Marine Institute                            |
| <b>MMC</b>                 | Modern Methods of Construction              |
| <b>MPA</b>                 | Marine Protected Area                       |
| <b>MtCO<sub>2</sub>eq.</b> | Million Tonnes of Carbon Dioxide Equivalent |
| <b>NAF</b>                 | National Adaptation Framework               |
| <b>NBS</b>                 | Nature Based Solutions                      |
| <b>NCCRA</b>               | National Climate Change Risk Assessment     |
| <b>NDCA</b>                | National Dialogue on Climate Action         |
| <b>NESC</b>                | National Economic and Social Council        |

|                |   |
|----------------|---|
| <b>NewERA</b>  | New Economy and Recovery Authority      |
| <b>NFCS</b>    | National Framework for Climate Services |
| <b>NFQ</b>     | National Framework of Qualifications    |
| <b>NIE</b>     | Northern Ireland Electricity            |
| <b>NORA</b>    | National Oil Reserves Agency            |
| <b>NPWS</b>    | National Parks and Wildlife Service     |
| <b>NTA</b>     | National Transport Authority            |
| <b>NTMA</b>    | National Treasury Management Agency     |
| <b>NZEB</b>    | Nearly Zero Energy Building             |
| <b>ORE</b>     | Offshore Renewable Energy               |
| <b>OPR</b>     | Office of the Planning Regulator        |
| <b>OPW</b>     | Office of Public Works                  |
| <b>PV</b>      | Photovoltaic                            |
| <b>PSO</b>     | Public Service Obligation               |
| <b>R&amp;D</b> | Research and Development                |
| <b>RSA</b>     | Road Safety Authority                   |
| <b>RESS</b>    | Renewable Electricity Support Scheme    |

|       |   |
|-------|---|
| 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 |
| SRR   | Strategic Rail Review                             |
| SRTS  | Safe Routes to School                             |
| SSRH  | Support Scheme for Renewable Heat                 |
| TII   | Transport Infrastructure Ireland                  |
| TW    | Terawatt  |
| TWh   | Terawatt-Hour                                     |
| UÉ    | Uisce Eireann                                     |
| ZEVI  | Zero Emission Vehicles Ireland                    |





## RE | Research and Innovation

## RE | Research and Innovation

### Key Heading: Research and Innovation

#### Actions

| Action Number | Actions  | Steps Necessary for Delivery  | Output   | Timeline | Lead                        | Stakeholders   |
|---------------|--|---|--|----------|-----------------------------|--|
| RE/24/1       | Develop an agreed framework to guide climate and climate-related strategic research and innovation | As per Headline Action  | Framework agreed and published                         | Q4 2024  | DECC                        | Impact 2030 Strategy Steering Group, Relevant Government Departments and Agencies (e.g., DFHERIS, D/Taoiseach, DPENDR, DAFM, DHLGH, DETE, D/Transport, EPA, SEAI, SFI) |
| RE/24/2       | Establish a new Climate Science & Policy Analysis unit within the EPA's Climate Change Programme   | Appoint staff and implement work programme  | New Climate Science & Policy Analysis Unit Established | Q2 2024  | EPA (Reporting lead: DECC)  | DECC   |
| RE/24/3       | Publish 2030+ Roadmap to determine pathways to deploy offshore/ocean technology                    | Produce technology scenarios<br><br>Conduct stakeholder consultation<br><br>Identify enabling policies and regulatory environment | Publish ORE technology roadmap                         | Q2 2024  | SEAI (Reporting lead: DECC) | DECC   |

|         |   |   |  |         |                               |   |
|---------|---|---|--|---------|-------------------------------|---|
| RE/24/4 | <b>Establish new collaborative Research Centres to work across Ireland on subjects of national importance including Energy, Climate Action and Sustainability</b> | Launch funding Call<br><br>Receive and evaluate Expressions of Interest   | Recommended shortlist for full proposals produced<br><br>Full proposals submitted  | Q4 2024 | SFI (Reporting lead: DFHERIS) | DFHERIS and other relevant Government Departments and State Agencies, Research-Performing Organisations, companies active in R&D, civil society organisations |
| RE/24/5 | <b>Progress the development of a proposal for an offshore renewable energy innovation park</b>  | Prepare and publish a proposal for a Designated Maritime Area Plan (DMAP) in accordance with Part 2 of MAP Act<br><br>Explore options for grid connection<br><br>Explore options for routes to access and operating model<br><br>Report published on critical path deliverables achieved to facilitate Routes to Access Phase (2026) of innovation park | Finalise and publish a Designated Maritime Area Plan for the development of an offshore renewable energy innovation park | Q4 2024 | DECC, SEAI                    | DETE  |
| RE/24/6 | <b>Increase investment in research to support agricultural and land use diversification</b>   | Launch 3rd Ireland-New Zealand Research Call<br><br>Facilitate and fund Irish involvement in the Horizon Europe Agroecology Partnership   | Investment increased by 60% over the 2020 baseline   | Q4 2024 | DAFM                          | Research Performing Organisations, Research Funding Organisations   |





## PW | Choosing the Pathways



## PW | Choosing the Pathways

| Key Heading: Unallocated Emissions Savings |   |  |                                      |          |      |   |
|--|---|--|--------------------------------------|----------|------|---|
| Actions                                    |   |  |                                      |          |      |   |
| Action Number                              | Actions   | Steps Necessary for Delivery   | Output                               | Timeline | Lead | Stakeholders  |
| PW/24/1                                    | Heat and Built Environment Taskforce, and Accelerating Renewable Energy Taskforce, to respectively evaluate potential further GHG abatement opportunities in (i) energy efficiency; heat; and fossil fuel energy demand in the commercial sector (buildings and processes), and (ii) accelerating the future electricity system, for the purpose of addressing the currently unallocated emission savings | Confirm attendees from relevant stakeholders and produce Terms of Reference setting out approach to consider proposals and make recommendations regarding the unallocated emission savings for second Carbon Budget period (2026-2030) | Terms of Reference for Working Group | Q2 2024  | DECC | Heat and Built Environment Climate Action Delivery Taskforce, Commercial Built Environment Roadmap Working Group, Industrial Heat Decarbonisation Working Group, National Sustainable Mobility Climate Action Delivery Taskforce, DHLGH |

|                |  |  |                                      |         |                 |   |
|----------------|--|--|--------------------------------------|---------|-----------------|---|
| <b>PW/24/2</b> | <b>Establish structure(s) for evaluating further Modal Shift (Freight) and Sustainable Biofuels in Transport, for the purpose of addressing the currently unallocated emission savings</b> | Confirm attendees from relevant stakeholders and produce Terms of Reference setting out approach to consider proposals and make recommendations regarding the unallocated emission savings for second Carbon Budget period (2026-2030) | Terms of Reference for Working Group | Q2 2024 | D/<br>Transport | Heat and Built Environment Climate Action Delivery Taskforce, Commercial Built Environment Roadmap Working Group, Industrial Heat Decarbonisation Working Group |
| <b>PW/24/3</b> | <b>Establish a Sustainable Food and Agriculture Working Group, for purpose of addressing the currently unallocated emission savings</b>  | Confirm attendees from relevant stakeholders and produce Terms of Reference setting out approach to consider proposals and make recommendations regarding the unallocated emission savings for second Carbon Budget period (2026-2030) | Terms of Reference for Working Group | Q2 2024 | DECC,<br>DAFM   | Land Use Review Phase II Working Group, DAFM 5 Working Group  |
| <b>PW/24/4</b> | <b>Establish a Carbon Capture, Removals and Hydrogen Working Group, for the purpose of addressing the currently unallocated emission savings</b>   | Confirm attendees from relevant stakeholders and produce Terms of Reference setting out approach to consider proposals and make recommendations regarding the unallocated emission savings for second Carbon Budget period (2026-2030) | Terms of Reference for Working Group | Q2 2024 | DECC,<br>DETE   | DECC, DETE, DPENDR, DFIN, SEAI, EPA, EirGrid, ESB, industry stakeholders  |





## **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 |   |   |   |          |         |              |
|--|---|---|---|----------|---------|--------------|
| Measures: Achieving a Just Transition in Ireland               |   |   |   |          |         |              |
| Actions  |   |   |   |          |         |              |
| Action Number  | Actions   | Steps Necessary for Delivery  | Output  | Timeline | Lead    | Stakeholders |
| JT/24/1  | Develop the green skills and capacities required for a net-zero economy through Education and Training Boards | ETBs to embed green skills provision in course offerings  | Green modules developing transversal and specific green skills available for all FET Learners in all 16 ETBs                          | Q2 2024  | DFHERIS | ETBs, SOLAS  |
| JT/24/2  | Develop the green skills and capacities required for a net-zero economy through Springboard+ and HCI Pillar 1 | Upskilling and reskilling opportunities offered to support the green transition under Springboard+ and HCI Pillar 1 | At least 1100 places made available at NFQ levels 6-9 for learners, including flexible modes of delivery in the 2023/24 academic year | Q2 2024  | DFHERIS | HEA, HEIs    |

A close-up photograph of several orchids with white petals and pinkish-purple stripes. The flowers are arranged vertically on a stem. The background is a soft, out-of-focus green. A diagonal white line cuts across the bottom of the image, separating the floral background from the text area.

## **JM | Delivering a Just Transition in the Midlands Region**

# JM | Just Transition Implementation Plan for the Midlands Region

| Theme: Delivering a Just Transition in the Midlands Region |  |  |   |          |  |  |
|--|--|--|---|----------|--|--|
| Measures: Tailored Funding Interventions                   |  |  |   |          |  |  |
| Actions  |  |  |   |          |  |  |
| Action Number  | Actions  | Steps necessary for delivery   | Output  | Timeline | Lead                                     | Stakeholders   |
| JM/24/1  | Support the economic diversification of the local economy through the development of the regenerative tourism sector | Provide business supports under to SMEs in the tourism outdoor and recreation sector   | Enterprises in the regenerative tourism sector supported to expand their services and develop their capabilities from early 2024 until Programme completion in 2026 | Q 4 2024 | Fáilte Ireland (reporting lead: DTCAGSM) | Public, private and community-based micro enterprises and SMEs, and commercial semi-state bodies |
| JM/24/2  | Support the implementation of local and regional economic strategies   | Launch two funding calls to support local and regional organisations to implement projects aligned to Local Economic and Community Plans and Regional Enterprise Plans | Grant agreements in place with approved projects  | Q4 2024  | Pobal (Reporting lead: DECC)             | DECC, C&V Organisations, Social Enterprises, SMEs, Local Authorities, ETBs                       |

|         |   |  |  |         |  |   |
|---------|---|--|--|---------|--|---|
| JM/24/3 | <b>Support piloting, demonstration and innovation for a sustainable and circular bioeconomy</b>   | Provide support for RD&I activities, multi-actor cooperation for the bioeconomy and including relevant training and business development activities for bioeconomy initiatives supported | Grant agreements in place with approved projects to advance initiatives for a competitive bioeconomy   | Q4 2024 | DAFM                                     | SMEs, Research Performing Organisations, Local Authorities  |
| JM/24/4 | <b>Support the restoration and rehabilitation of degraded peatlands</b>   | Identify interventions to support the restoration and rehabilitation of degraded peatland sites including fens, raised and blanket bogs and other wetland types                          | Engagement with stakeholders to support preparation of restoration and rehabilitation plans  | Q4 2024 | NPWS                                     | Landowners, farmers, SMEs, Local community development groups, amenity users, former peat communities |
| JM/24/5 | <b>Support research, knowledge transfer and monitoring activities on rewetting measures for farmed peat soils through the Midlands Carbon Catchment Study</b> | Midlands Carbon Catchment Study consortium appointment process   | Consortium appointed to deliver on the objectives of the MCCA  | Q4 2024 | DAFM                                     | Landowners, farmers   |
| JM/24/6 | <b>Support regeneration, repurposing and sustainable development of walking and cycling tracks and trails, and waterways</b>                                  | Design, ensure regulatory compliance and implement schemes   | Completion of the 'development phase' across a number of potential locations and submission of applications for evaluations for the delivery phase of trails | Q4 2024 | Fáilte Ireland (Reporting lead: DTCAGSM) | DECC, EMRA, DTCAGSM   |



|         |  |   |  |         |                   |   |
|---------|--|---|--|---------|-------------------|---|
| JM/24/7 | <b>Support decarbonisation of public local bus routes</b>  | Identification of new electric charging infrastructure in key location(s) in the Territory for the provision of new electric buses              | Assessment of potential routes, buses and charging locations to determine the optimal arrangement for decarbonisation              | Q4 2024 | D/Transport, NTA  | Bus operators, transport users, former peat communities                                   |
| JM/24/8 | <b>Support decarbonisation of fleet for private bus operators</b>  | Provide supports for the decarbonisation of private bus fleets in the EUJTF territory to move to electric vehicles                              | Engage with private bus operators in the provision of expert advice and potential supports for specific aspects of electrification | Q4 2024 | D/Transport, NTA  | Owners and operators of private bus services, former peat communities and transport users |
| JM/24/9 | <b>Provide publicly accessible vehicle charge point infrastructure at community facilities in the region</b> | Provide the infrastructure works (civil and electrical work) and the installation of the electric vehicle charging points at selected locations | Community facility sites approved for infrastructure works and installation of charge point infrastructure                         | Q4 2024 | D/Transport, ZEVI | Owners, operators and users of community buildings  |





## CZ | Citizen Engagement

## CZ | Citizen Engagement

| Theme: Engagement  |  |   |   |          |                               |                 |
|--|--|---|---|----------|-------------------------------|-----------------|
| Measure: Delivering an inclusive programme of engagement at the national, regional, and community level to empower people to take climate action |  |   |   |          |                               |                 |
| Actions  |  |   |   |          |                               |                 |
| Action Number  | Actions  | Steps necessary for delivery  | Output  | Timeline | Lead                          | Stakeholders    |
| CZ/24/1  | Support climate literacy through formal education (primary and post-primary education) | Commence phased introduction of a new Leaving Certificate (Established) subject– Climate Action and Sustainable Development | Climate Action and Sustainable Development as a Leaving Certificate (Established) subject | Q4 2024  | D/Education                   | DECC, An Taisce |
| CZ/24/2  | Support climate literacy through formal education (higher education courses)           | Embed learning for sustainability/ climate in higher education courses through relevant HCI Pillar 3 projects               | New courses and microcredentials in sustainability established in 2023/24 academic year   | Q4 2024  | HEA (Reporting lead: DFHERIS) | DFHERIS, HEIs   |

**Theme: Research and Evaluation****Measure: Delivering robust system to measure climate action at all levels****Actions**

| Action Number  | Actions   | Steps necessary for delivery   | Output   | Timeline | Lead                       | Stakeholders |
|----------------|---|--|--|----------|----------------------------|--------------|
| <b>CZ/24/3</b> | <b>Deliver a system to measure output, result and outcome indicators for awareness, engagement, climate literacy and behavioural change</b> | Develop Key Performance Indicators, and mechanisms capturing insights and providing inputs to policy through a Power BI dashboard                    | Key Performance Indicators, an online tool for collecting data, and a Power BI Dashboard | Q3 2024  | DECC                       | CCET         |
| <b>CZ/24/4</b> | <b>Deliver a new programme of social and behavioural research</b>   | Conduct follow on research from the social and behavioural research programme 2021 - 2023 examining Irish behaviours and attitudes to climate change | Publish results from 2nd CCIM Report, and Social and behavioural research reports        | Q4 2024  | EPA (Reporting lead: DECC) | DECC         |





## PS | Public Sector Leading by Example



## PS | Public Sector Leading by Example

| Theme: Public Sector leading by example on climate action              |  |                              |   |           |      |              |
|--|--|------------------------------|---|-----------|------|--------------|
| Measures: Enhance climate governance framework in public sector bodies |  |                              |   |           |      |              |
| Actions  |  |                              |   |           |      |              |
| Action Number  | Actions  | Steps necessary for delivery | Output  | Timeline  | Lead | Stakeholders |
| PS/24/5  | Monitor implementation of commitments in Commercial Semi-State Climate Action Framework and report to DECC on a biannual basis | As per headline action       | 6-monthly updates submitted to DECC, to monitor Commercial Semi-State Climate Action Framework implementation | Q1 and Q3 | DECC | DECC, DFIN   |

## Theme: Public Sector leading by example on climate action

### 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/24/7       | Roll-out of centralised climate related training and upskilling for all Civil Service grades | As per headline action       | Centralised training courses for all grades commence | Q4 2024  | OneLearning, IPA (Reporting lead: DPENDR) | DPENDR, DECC |

## Theme: Public Sector leading by example on climate action

### 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/24/8       | Undertake an annual survey of public sector climate literacy | As per headline action       | Report completed | Q4 2024  | EPA (Reporting lead: DECC) | DECC         |



## CP | Carbon Pricing and Cross-cutting Policy



## CP | Carbon Pricing and Cross-cutting Policies

| Measures: Expenditure and Taxation Policies |   |                              |   |          |        |                            |
|---|---|------------------------------|---|----------|--------|----------------------------|
| Actions                                     |   |                              |   |          |        |                            |
| Action Number                               | Actions   | Steps Necessary for Delivery | Output  | Timeline | Lead   | Stakeholders               |
| CP/24/1                                     | Monitor and review the carbon tax increases as legislated in the 2020 Finance Act and other environment related taxation reform | As per Headline Action       | Annual Budget published   | Q4 2024  | DFIN   | DPENDR                     |
| CP/24/2                                     | Publish Green Budgeting Analysis on tax and tax expenditure   | As per Headline Action       | Green budgeting analysis published alongside Budget   | Q4 2024  | DFIN   | Revenue Commissioners      |
| CP/24/3                                     | Publish Green Budgeting Analysis on expenditure allocations   | As per Headline Action       | Green budgeting analysis of expenditure allocations published in the Revised Estimates Volume | Q4 2024  | DPENDR | All Government Departments |





## EL | Electricity

## EL | Electricity

|  |   |                              |   |          |  |  |
|--|---|------------------------------|---|----------|--|--|
| Theme:<br><br>Accelerate Renewable Energy Generation |   |                              | 2025 KPI:<br><br>50% renewable electricity share of demand.<br><br>6 GW onshore wind capacity<br><br>Up to 5 GW solar PV capacity, including at least 1 GW of new non-utility solar |          | 2025 Abatement Potential:<br><br>1.3 MtCO <sub>2</sub> eq. |  |
| Measure: Accelerate Renewable Energy Generation      |   |                              |   |          |  |  |
| Actions  |   |                              |   |          |  |  |
| Action Number  | Actions   | Steps necessary for delivery | Output  | Timeline | Lead   | Stakeholders   |
| EL/24/1  | Accelerating Renewable Electricity Taskforce to publish programme of work | As per headline action       | Programme of Work Published   | Q2 2024  | TF, DECC   | DHLGH, DPENDR, D/Taoiseach, ESBN, EirGrid, CRU, NTMA                     |
| EL/24/2  | Offshore Wind Delivery Taskforce to publish key actions for 2024          | As per headline action       | Key Actions published   | Q1 2024  | TF, DECC   | 8 Departments, WEI, MARA, EI, CRU, SEAI, EirGrid, Irish Marine Institute |

|          |  |                        |                                       |         |                            |                   |
|----------|--|------------------------|---------------------------------------|---------|----------------------------|-------------------|
| EL/24/3  | Revision to the National Planning Framework to include regional capacities for the allocation of national targets at a regional level in order to inform local development plan policy | As per headline action | National Planning Framework published | Q3 2024 | DHLGH                      | DECC              |
| EL/24/4  | Publish Regional Renewable Electricity Strategies  | As per headline action | Strategies Published                  | Q4 2024 | Regional Assemblies        | DECC, DHLGH, SEAI |
| EL/24/5  | Publish Revised Wind Energy Development Guidelines for onshore wind  | As per headline action | Guidelines published                  | Q1 2025 | DHLGH                      | DECC              |
| EL/24/6  | Publish revised methodology for Local Authority Renewable Energy Strategies  | As per headline action | Methodology published                 | Q2 2024 | SEAI                       | DECC              |
| EL/24/8  | Deliver onshore and offshore RESS auctions as per the annual RESS auction calendar   | As per headline action | Auctions held annually                | Q4 2024 | DECC                       | CRU, EirGrid      |
| EL/24/9  | Develop a Private Wires Policy Framework   | As per headline action | Framework developed                   | Q4 2024 | DECC                       | -                 |
| EL/24/11 | Implement Hybrid Connection Roadmap  | As per headline action | Hybrid Connections to grid possible   | Q4 2024 | CRU (Reporting lead: DECC) | ESBN, EirGrid     |

|  |  |                              |   |          |  |                 |
|--|--|------------------------------|---|----------|--|-----------------|
| <b>Theme:</b><br><br><b>Accelerate Flexibility</b> |  |                              | <b>2025 KPI:</b><br><br>Maximum level of renewables at any one time on the grid: 85%.<br><br>Dispatch down (excluding oversupply) of renewables below 7%. Minimise oversupply.<br><br>Required long term storage (4 hour plus) in place |          | <b>2025 Abatement Potential:</b><br><br>Abatement is included in the Accelerate Renewable Energy Generation figure |                 |
| <b>Measure: Accelerate Flexibility</b>             |  |                              |   |          |  |                 |
| <b>Actions</b>                                     |  |                              |   |          |  |                 |
| Action Number                                      | Actions  | Steps necessary for delivery | Output  | Timeline | Lead   | Stakeholders    |
| EL/24/16   | Adopt Electricity Storage Policy Framework   | As per headline action       | Actions for 2024 Delivered  | Q4 2024  | DECC   | -               |
| EL/24/17   | Reduce the minimum number of conventional synchronous generation units from 8 to 7 to facilitate higher levels of renewables on the system and a reduction in carbon emissions from non-renewable generation | As per headline action       | Reduction in synchronous units from 8 to 7  | Q2 2024  | EirGrid, (Reporting lead: DECC)  | -               |
| EL/24/18   | Issue suite of recommendations papers on market options to incentivise low/no carbon flexible demand from the electricity sector   | As per headline action       | Issue Recommendations papers to CRU   | Q4 2024  | EirGrid, (Reporting lead: DECC)  | CRU, DECC, ESBN |



|                             |   |                              |  |          |   |                 |
|-----------------------------|---|------------------------------|--|----------|---|-----------------|
| Theme:<br>Demand Management |   |                              | 2025 KPI:<br><br>Demand side flexibility 15-20%<br><br>Zero carbon demand growth |          | 2025 Abatement Potential:<br><br>0.86 MtCO <sub>2</sub> eq. |                 |
| Measure: Demand Management  |   |                              |  |          |   |                 |
| Actions                     |   |                              |  |          |   |                 |
| Action Number               | Actions   | Steps necessary for delivery | Output   | Timeline | Lead  | Stakeholders    |
| EL/24/21                    | Decision on Dynamic Green Electricity tariffs   | As per headline action       | CRU Decision paper published   | Q2 2024  | CRU (Reporting lead: DECC)                                  | -               |
| EL/24/22                    | Implementation of enhanced emissions reporting framework for electricity emissions for large energy users and the system operators dispatch actions | As per headline action       | Regular reporting  | Q4 2024  | SEAI/CRU/EirGrid/ESBN (Reporting lead : DECC)               | DETE, IDA, DECC |
| EL/24/23                    | Incentivise and enable large energy users to participate in flexible demand initiatives designed to enable low / zero carbon demand growth          | As per headline action       | New incentives introduced for LEUs   | Q2 2024  | ESBN (Reporting lead: DECC)                                 | CRU             |
| EL/24/24                    | Create a route to market for medium and long duration storage facilities which can provide flexible demand  | As per headline action       | Market mechanism for firms to develop long duration storage facilities started   | Q3 2024  | CRU, EirGird (Reporting lead: DECC)                         | ESBN            |



## IN | Industry

## IN | Industry

|                                  |   |                              |   |          |  |              |
|----------------------------------|---|------------------------------|---|----------|--|--------------|
| Theme:<br>Carbon-neutral Heating |   |                              | 2025 KPI:<br><br>50-55% share of carbon neutral heating in total fuel demand <sup>1</sup> |          | 2025 Abatement Potential:<br><br>0.6 MtCO <sub>2</sub> eq. |              |
| Measure: Carbon-neutral Heating  |   |                              |   |          |  |              |
| Actions                          |   |                              |   |          |  |              |
| Action Number                    | Actions   | Steps necessary for delivery | Output  | Timeline | Lead   | Stakeholders |
| IN/24/2                          | Implement the Decarbonisation Roadmap for Industrial Heat based on the recommendations of the SEAI National Heat Study, including actions to accelerate and drive system-wide delivery of industrial heat decarbonisation | As per headline Action       | Implementation of roadmap actions   | Q3 2024  | DETE   | DECC, SEAI   |

<sup>1</sup> Carbon neutral heating includes substitution of fossil-fuel heating (e.g., electrification and biomass) and excludes the use of zero-emission gas (e.g., biomethane blending). The abatement figure is updated as a correction to the CAP23 abatement potential to reflect the abatement potential related to a 50-55% share of carbon neutral heating in total fuel demand.

| Theme:<br><br>Construction Materials |  |                              | 2025 KPI:<br><br>Decrease embodied carbon in construction materials produced and used in Ireland by 10% |          | 2025 Abatement Potential:<br><br>0.4 MtCO2eq. |              |
|--------------------------------------|--|------------------------------|---|----------|---|--------------|
| Measure: Construction Materials      |  |                              |   |          |   |              |
| Actions                              |  |                              |   |          |   |              |
| Action Number                        | Actions  | Steps necessary for delivery | Output  | Timeline | Lead  | Stakeholders |
| IN/24/3                              | Development of a CCUS strategy to provide a clear policy framework to guide long-term investment decisions | As per headline Action       | Strategy Published  | Q1 2025  | DETE  | -            |



|   |  |  |   |          |  |                                |
|---|--|--|---|----------|--|--------------------------------|
| Theme:<br><br>Increasing Use of Zero-emission Gas               |  |  | 2025 KPI:<br><br>At least 1 TWh consumption of zero emission gas for industrial heating <sup>2</sup>        |          | 2025 Abatement Potential:<br><br>0.2 MtCO <sub>2</sub> eq. |                                |
| Measure: Reduction in Embodied Carbon in Construction Materials |  |  |   |          |  |                                |
| Actions   |  |  |   |          |  |                                |
| Action Number   | Actions  | Steps necessary for delivery                   | Output  | Timeline | Lead   | Stakeholders                   |
| IN/24/7   | Enterprise agencies will support their clients in implementing the use of zero-emission gas  | As per headline Action                         | Range of supports e.g. provision of funding provided for renewable gas projects in the manufacturing sector | Q4 2024  | EI, IDA, (Reporting lead: DETE)                            | DETE                           |
| IN/24/8   | Develop a work programme for implementing the National Hydrogen Strategy, and ensure appropriate governance arrangements are in place for its delivery | Develop implementation plan for green hydrogen | Implementation Plan published and Governance Arrangements in place  | Q2 2024  | DECC   | Hydrogen Working Group Members |

<sup>2</sup> KPI is updated since publication of CAP23 to reflect new targets set by the biomethane strategy from 1.2 TWh in CAP23 to 1.0 TWh in CAP24.



## BE | Built Environment

## BE | Built Environment (Residential)

|                                       |  |                              |  |          |  |              |
|---------------------------------------|--|------------------------------|--|----------|--|--------------|
| Theme:<br><br>Standards & Regulations |  |                              | 2025 KPI:<br><br>All new dwellings designed and constructed to Nearly Zero Energy Building (NZEB) standard<br><br>170,000 new dwellings using heat pumps |          | 2025 Abatement Potential:<br><br>0.3 MtCO <sub>2</sub> eq. |              |
| Measure: Standards and Regulations    |  |                              |  |          |  |              |
| Actions                               |  |                              |  |          |  |              |
| Action Number                         | Actions  | Steps necessary for delivery | Output   | Timeline | Lead   | Stakeholders |
| BE/24/1                               | Development of regulations and Dwelling Energy Assessment Procedure (DEAP) to effectively ban fossil fuel boilers in new dwellings and those undergoing major renovation where practical | As per headline action       | Public Consultation on Regulations   | Q4 2024  | DHLGH  | DECC, SEAI   |



|  |  |                              |  |          |  |              |
|--|--|------------------------------|--|----------|--|--------------|
| Theme:<br><br>National Residential Retrofit Plan |  |                              | 2025 KPI:<br><br>Equivalent of 120,000 dwellings retrofitted to BER B2 cost optimal or carbon equivalent<br><br>45,000 existing dwellings using heat pumps |          | 2025 Abatement Potential:<br><br>0.9 MtCO <sub>2</sub> eq.<br><br>Note: abatement potential and KPIs are shared by all four measures |              |
| Measure: Driving Demand and Activity             |  |                              |  |          |  |              |
| Actions  |  |                              |  |          |  |              |
| Action Number                                    | Actions  | Steps Necessary for Delivery | Output   | Timeline | Lead   | Stakeholders |
| BE/24/2(TF)                                      | Provide a record budget allocation for SEAI residential and community energy upgrade schemes in 2024 | As per Headline Action       | Increased number of energy upgrades supported by SEAI schemes  | Q4 2024  | SEAI (Reporting lead: DECC)  | DECC         |
| BE/24/3(TF)                                      | Increase the number of registered One Stop Shops   | As per Headline Action       | Total of 25 registered One Stop Shops by year end  | Q4 2024  | SEAI (Reporting lead: DECC)  | DECC         |
| BE/24/4(TF)                                      | Increase the number of Sustainable Energy Communities  | As per Headline Action       | 900 Sustainable Energy Communities by year end   | Q4 2024  | SEAI (Reporting lead: DECC)  | DECC         |
| BE/24/5(TF)                                      | Increase the number of BER assessors to 950  | As per Headline Action       | Total of 950 BER Assessors by year end   | Q4 2024  | SEAI (Reporting lead: DECC)  | DECC         |



|             |  |  |   |         |                             |                   |
|-------------|--|--|---|---------|-----------------------------|-------------------|
| BE/24/6(TF) | Support those least able to afford retrofit  | Provide budget allocation for the SEAI Warmer Homes Scheme   | Increased allocation to support free energy upgrades provided by SEAI for lower income households | Q4 2024 | SEAI (Reporting lead: DECC) | DECC              |
| BE/24/7(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 | Increase the number of retrofits in 2024 when compared with the previous year and annually as required to deliver a total of 36,500 by 2030 while also supporting the deployment of heat pumps in 80% of those homes retrofitted | At least 2,400 dwellings refitted and a minimum of 1,900 heat pumps installed                     | Q4 2024 | DHLGH                       | Local Authorities |

|  |  |  |  |          |  |                              |
|--|--|--|--|----------|--|------------------------------|
| Theme:<br><br>National Residential Retrofit Plan |  |  | 2025 KPI:<br><br>Equivalent of 120,000 dwellings retrofitted to BER B2 cost optimal or carbon equivalent<br><br>45,000 existing dwellings using heat pumps |          | 2025 Abatement Potential:<br><br>0.9 MtCO <sub>2</sub> eq.<br><br>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/24/8  | Support and accelerate the design, development and implementation of apprenticeships meeting green skills needs for the future | Introduce NZEB fundamentals modules within construction apprenticeship curricula and expand the training opportunities to include MMC provision, e.g. heat pumps, solar PV etc | Further and continuous updating of relevant apprenticeship curricula to include alternative energy, MMC and green skills needs as required                 | Q4 2024  | DFHERIS  | HEIs, SOLAS, HEA, FET sector |
| BE/24/9  | Increase in learner activity in NZEB centres   | As per headline action   | 10% increase in learner activity in 2024 relative to 2023  | Q4 2024  | DFHERIS  | HEIs, SOLAS, HEA, FET sector |
| BE/24/10   | Engagement of additional learners via the NZEB mobile unit   | As per headline action   | 1,500 learners engaged in 2024   | Q4 2024  | DFHERIS  | HEIs, SOLAS, HEA, FET sector |

|  |   |                              |  |          |  |              |
|--|---|------------------------------|--|----------|--|--------------|
| Theme:<br><br>Decarbonisation of Residential Heating |   |                              | 2025 KPI:<br><br>Reduction of demand due to energy efficiency responses to mitigate reliance on fossil fuels                             |          | 2025 Abatement Potential:<br><br>0.7 MtCO <sub>2</sub> eq. |              |
| Measure: Demand Reduction                            |   |                              |  |          |  |              |
| Actions  |   |                              |  |          |  |              |
| Action Number  | Actions   | Steps Necessary for Delivery | Output   | Timeline | Lead   | Stakeholders |
| BE/24/11   | Promotion of initiatives aimed at reducing residential energy consumption | Awareness campaigns          | Dissemination of information on reducing home energy use including advice on optimum use of home heating systems and domestic appliances | Q4 2024  | DECC   | -            |

| <b>Theme:</b><br><br><b>Decarbonisation of Heating</b> |   |  | <b>2025 KPI:</b><br><br>Up to 0.8 TWh of District Heating<br><br>(Note: shared across Residential and Commercial sectors) |          | <b>2025 Abatement Potential:</b><br><br>0.23 MtCO2eq.<br><br>(Note: shared across Residential and Commercial Sectors) |              |
|--|---|--|---|----------|---|--------------|
| <b>Measure: District Heating</b>                       |   |  |   |          |   |              |
| <b>Actions</b>   |   |  |   |          |   |              |
| Action Number  | Actions   | Steps Necessary for Delivery   | Output  | Timeline | Lead  | Stakeholders |
| BE/24/12(TF)   | Commence national level assessment of decarbonisation solutions                                   | Provide a national level assessment of the size and location of potential candidate areas for district heating | Improved information to inform decision making with regard to suitable location of DH infrastructure                      | Q3 2024  | DECC, SEAI  | DECC         |
| BE/24/13(TF)   | Implement District Heating Steering Group recommendations, as approved by Government in July 2023 | As per Headline Action   | Implementation of Steering Group recommendations  | Q4 2024  | DECC  | -            |



|              |   |   |  |         |                             |   |
|--------------|---|---|--|---------|-----------------------------|---|
| BE/24/14(TF) | Develop the planning and permitting frameworks required for the roll out of district heating  | As per Headline Action                    | Planning and permitting frameworks developed | Q4 2024 | DECC                        | DHLGH, LAs, CRU                               |
| BE/24/15(TF) | Draft the General Scheme of a Heat Bill to establish a regulatory model for district heating that ensures consumer protection and the delivery of a vibrant district heating industry, and to mandate all Public Sector buildings and facilities to connect to district heating where available and technically and economically feasible | As per Headline Action                    | General scheme drafted                       | Q2 2024 | DECC                        | Heat and Built Environment Delivery Taskforce |
| BE/24/16(TF) | Centre of Excellence for district heating to be fully established within the SEAI to support all providers in the development of district heating   | Recruitment of relevant expertise by SEAI | DH center of excellence fully established    | Q4 2024 | SEAI (Reporting lead: DECC) | DECC  |

|                                      |   |  |   |                                      |      |                |
|--------------------------------------|---|--|---|--------------------------------------|------|----------------|
| Theme:<br>Decarbonisation of Heating |   |  | 2025 KPI:<br><br>N/A                        | 2025 Abatement Potential:<br><br>N/A |      |                |
| Measure: Geothermal                  |   |  |   |                                      |      |                |
| Actions                              |   |  |   |                                      |      |                |
| Action Number                        | Actions   | Steps Necessary for Delivery   | Output                                      | Timeline                             | Lead | Stakeholders   |
| BE/24/17                             | Publish general scheme of a bill to provide the legislative basis for the regulation of geothermal energy | Detailed research and consultation, including with the Geothermal Energy Advisory Group (GEAG), Office of the Attorney General and Office of the Parliamentary Counsel (OPC) | Publication of the general scheme of a bill | Q4 2024                              | DECC | GEAG, AGO, OPC |

## Built Environment (Commercial)

|  |  |                                     |   |          |   |  |
|--|--|-------------------------------------|---|----------|---|--|
| Theme:<br><br>Decarbonisation of Public and Commercial Heating |  |                                     | 2025 KPI:<br><br>Support the delivery of savings of 0.375MtCO2eq. in public and commercial buildings and enable switch to alternative sources of heating such as district heating and renewable gases |          | 2025 Abatement Potential:<br><br>0.375 MtCO2eq.<br><br><b>Note:</b> 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) |  |
| Measure: Commercial Sector                                     |  |                                     |   |          |   |  |
| Actions  |  |                                     |   |          |   |  |
| Action Number  | Actions  | Steps Necessary for Delivery        | Output  | Timeline | Lead  | Stakeholders   |
| BE/24/18(TF)   | Commence the implementation of the Commercial Built Environment Roadmap (CBER) | As per the Roadmap (once published) | Actions implemented   | Q4 2024  | DECC, DETE  | Members of a reconstituted Working Group focused on implementation (TBC) SEAI, DHLGH |
| BE/24/19(TF)   | Implement the SEAI non-Domestic Retrofit Scheme                                | As per headline action              | Scheme successfully launched<br><br>250 letters of offer issued   | Q3 2024  | SEAI (Reporting lead: DECC)   | -  |

|   |  |                              |   |  |  |   |
|---|--|------------------------------|---|--|--|---|
| Theme:<br><br>Decarbonisation of Public and Commercial Heating                            |  |                              | 2025 KPI:<br><br>Support the delivery of savings of 0.375 MtCO <sub>2</sub> eq. in public and commercial buildings and enable switch to alternative sources of heating such as district heating and renewable gases | 2025 Abatement Potential:<br><br>0.375 MtCO <sub>2</sub> eq.<br><br><b>Note:</b> 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) |  |   |
| Measure: Public Sector Building Stock Decarbonisation Implementation & Co-ordination Plan |  |                              |   |  |  |   |
| Actions   |  |                              |   |  |  |   |
| Action Number   | Actions  | Steps Necessary for Delivery | Output  | Timeline   | Lead   | Stakeholders  |
| BE/24/20(TF)  | Continuation of public sector building stock decarbonisation within the Public Sector Building Stock Decarbonisation Annual Planning Framework | As per Headline Action       | Publication of the Public Sector 2024 building decarbonisation Roadmap outlining progress and the ongoing review of public sector capacity and funding for this work  | Q3 2024  | SEAI in conjunction with public sector working group under HBET (Reporting lead: DECC) | DECC, DPENDR, OPW, HSE, D/Education, DFHERIS, Local Authorities |



|  |  |   |   |          |  |                   |
|--|--|---|---|----------|--|-------------------|
| <b>Theme:</b><br><br><b>Decarbonisation of Public and Commercial Heating</b> |  |   | <b>2025 KPI:</b><br><br>Support the delivery of savings of 0.375MtCO <sub>2</sub> eq. in public and commercial buildings and enable switch to alternative sources of heating such as district heating and renewable gases |          | <b>2025 Abatement Potential:</b><br><br>0.375 MtCO <sub>2</sub> eq.<br><br>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>Measure: Public Sector Retrofit</b>                                       |  |   |   |          |  |                   |
| <b>Actions</b>   |  |   |   |          |  |                   |
| Action Number  | Actions  | Steps Necessary for Delivery                    | Output  | Timeline | Lead   | Stakeholders      |
| BE/24/21   | Develop a programme for the retrofit of traditional and historic buildings as part of OPW Pathfinder programme | Consideration of connection to district heating | Programme published   | Q4 2024  | OPW (Reporting lead: DPENDR)   | DHLGH, DECC, SEAI |

|   |   |                              |  |          |  |                           |
|---|---|------------------------------|--|----------|--|---------------------------|
| <b>Theme:</b><br><br>Decarbonisation of Public and Commercial Heating |   |                              | <b>2025 KPI:</b><br><br>Support the delivery of savings of 0.375 MtCO <sub>2</sub> eq. in public and commercial buildings and enable switch to alternative sources of heating such as district heating and renewable gases |          | <b>2025 Abatement Potential:</b><br><br>0.375 MtCO <sub>2</sub> eq.<br><br>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) |                           |
| Measure: Public Sector Leading by Example                             |   |                              |  |          |  |                           |
| Actions   |   |                              |  |          |  |                           |
| Action Number   | Actions   | Steps Necessary for Delivery | Output   | Timeline | Lead   | Stakeholders              |
| BE/24/22  | Develop pilot programme of solar PV provision in schools          | As per headline action       | Solar PV installation in ca. 1,000 schools   | Q3 2024  | D/Education  | DECC                      |
| BE/24/23  | Integrate learnings from exemplar buildings into new OPW projects | As per Headline Action       | Enhanced design and building plans for alternative construction materials  | Q3 2024  | OPW (Reporting lead: DPENDR)   | DHLGH, DECC, DETE, DPENDR |



TR | Transport

## TR | Transport

|  |   |  |  |          |  |   |
|--|---|--|--|----------|--|---|
| Theme:<br><br>Horizontal/Cross-cutting                     |   |  | 2025 KPI:<br><br>Reduction in Total Vehicle Kilometres and Fuel Usage, and Increase in Sustainable Transport Trips |          | 2025 Abatement Potential:<br><br>Included in Basket of Sustainable Transport/Demand Management Measures: 0.7 MtCO <sub>2</sub> eq. |   |
| Measure: Enhanced Governance & Accelerating Implementation |   |  |  |          |  |   |
| Actions  |   |  |  |          |  |   |
| Action Number  | Actions   | Steps necessary for delivery   | Output   | Timeline | Lead   | Stakeholders                                |
| TR/24/1(TF)  | Progress SMP Leadership Group work programme, including oversight and delivery of SMP Action Plan and Progression of SMP Pathfinder Programme | Manage delivery of Sustainable Mobility Policy Action Plan and Pathfinder Programme.<br><br>With implementing and delivery partners, advance key demonstrator projects by 2025 | Annual Progress Report   | Q3 2024  | D/Transport  | NTA, TII, DHLGH, Regional Authorities, CCMA |



|         |  |  |  |         |                                 |                             |
|---------|--|--|--|---------|---------------------------------|-----------------------------|
| TR/24/2 | <b>Develop framework to oversee emerging skills requirements for e-mobility</b>  | Develop and implement a robust governance framework with subgroups for skills development oversight at agency level, aligned to the cross-departmental transport sector groups   | Governance framework established             | Q1 2024 | SOLAS (Reporting lead: DFHERIS) | D/Transport                 |
| TR/24/3 | <b>Supporting fuel technology improvement in transport through a dedicated working group on alternative fuels in transport</b> | Promote visibility, coordination and alignment of policy and action concerning alternative fuels in transport. including EU requirements for renewable energy and alternative fuel infrastructure within the transport sub-sectors | Progress Report to Minister published online | Q4 2024 | D/Transport                     | DECC, SEAI, TII, NORA, ESNB |

|  |   |  |   |          |  |  |
|--|---|--|---|----------|--|--|
| Theme:<br><br>Horizontal/Cross-cutting |   |  | 2025 KPI:<br><br>Reduction in Total Vehicle Kilometres and Fuel Usage, and Increase in Sustainable Transport Trips                                |          | 2025 Abatement Potential:<br><br>Included in Basket of Sustainable Transport/Demand Management Measures: 0.7 MtCO <sub>2</sub> eq. |  |
| Measure: Communications Strategy       |   |  |   |          |  |  |
| Actions                                |   |  |   |          |  |  |
| Action Number                          | Actions   | Steps Necessary for Delivery   | Output  | Timeline | Lead   | Stakeholders   |
| TR/24/4 (TF)                           | Progress evidence-based engagement strategy actions and advertising campaigns to support achievement of transport sector behavioural change and emissions abatement targets | <p>Continue to roll out future phases of “Your Journey Counts” national advertising campaign</p> <p>Climate Action and Sustainable Mobility Public Engagement Strategy to build awareness and inspire ownership for action in individuals, private organisations and public sector bodies, while also increasing support and acceptance for the delivery of critical infrastructure</p> <p>ZEVI information and engagement programme to include targeted campaign to support uptake and achievement of EV targets commencing Q4 2023</p> <p>Publish the Climate Action and Sustainable Mobility Public Engagement Strategy</p> | Follow-up national-scale communications campaign around climate action and sustainable mobility, and showcase Public Engagement Pilot Initiatives | Q4 2024  | D/Transport  | DECC, Local Authorities, Transport Operators, NTA TII, Irish Cycling Campaign, An Taisce, PPNs |

| Theme:<br>Horizontal/Cross-Cutting |   |   | 2025 KPI:  | 2025 Abatement Potential:  |   |  |
|------------------------------------|---|---|--|--|---|--|
|                                    |   |   | Reduction in Total Vehicle Kilometres and Fuel Usage, Commercial Vehicle Targets           | Abatement is distributed across all key decarbonisation channels: HGV + LGV combined: 0.14 MtCO <sub>2</sub> eq. |   |  |
| Measure: Haulage and Logistics     |   |   |  |  |   |  |
| Actions                            |   |   |  |  |   |  |
| Action Number                      | Actions   | Steps Necessary for Delivery  | Output   | Timeline   | Lead  | Stakeholders   |
| TR/24/5                            | Advancement of decarbonisation elements of Road Haulage Strategy                    | Including continued support for Alternatively Fuelled HDV grant scheme; supporting European Green Freight package; progressing policy options to deliver operational and digital efficiencies including examination of consolidation centres; alongside IMPROVE work programme to improve HDV recharging network and use of renewable fuels | Progress Report published  | Q4 2024  | D/Transport                                   | DFIN, DECC, TII, NTA, RSA, FTAI, IRHA, Transport Operators |
| TR/24/6                            | Enhanced rail connectivity to ports – rehabilitation of Shannon-Foynes freight line | Progress Phase 1 rehabilitation works on Shannon-Foynes freight line  | Completion of Phase 1 rehabilitation works on Shannon-Foynes to Limerick rail freight line | Q4 2024  | Iarnród Éireann (Reporting lead: D/Transport) | D/Transport  |

|         |  |   |  |         |             |                 |
|---------|--|---|--|---------|-------------|-----------------|
| TR/24/7 | Establish a national certification/accreditation system for eco-driving courses and consider mechanisms and incentives for operators to adopt and maintain eco-driving practises | Completion of procurement for qualified supplier to prepare standard. Acceptance of that standard by the Department | National Certification/ Accreditation system established | Q3 2024 | D/Transport | RSA, FTAI, IRHA |
|---------|--|---|--|---------|-------------|-----------------|

|                                       |   |   |  |          |   |  |
|---------------------------------------|---|---|--|----------|---|--|
| Theme:<br>Avoid                       |   |   | 2025 KPI:<br><br>Reduction in Total Vehicle Kilometres and Fuel Usage, and Increase in Sustainable Transport Trips |          | 2025 Abatement Potential:<br><br>Included in Basket of Sustainable Transport/ Demand Management Measures: 0.7 MtCO <sub>2</sub> eq. |  |
| Measure: Strategic Transport Planning |   |   |  |          |   |  |
| Actions                               |   |   |  |          |   |  |
| Action Number                         | Actions   | Steps Necessary for Delivery  | Output   | Timeline | Lead  | Stakeholders                                     |
| TR/24/9(TF)                           | Metropolitan Area Transport Strategies – programme of review, update, appraisal | Ongoing programme of review, update, appraisal and planning of services in accordance with each city’s Metropolitan Area Transport Strategies on 6-year cycle | Publication of finalised Galway Metropolitan Area Transport Strategy   | Q4 2024  | NTA (Reporting lead: D/Transport)   | D/Transport, TII, Regional and Local Authorities |

| Theme:<br>Shift                                 |  |   | 2025 KPI:   | 2025 Abatement Potential:   |   |  |
|---|--|---|---|---|---|--|
|   |  |   | Reduction in Total Vehicle Kilometres and Fuel Usage, and Increase in Sustainable Transport Trips | Included in Basket of Sustainable Transport / Demand Management Measures: 0.7 MtCO <sub>2</sub> eq. |   |  |
| Measure: Active Travel Infrastructure Programme |  |   |   |   |   |  |
| Actions   |  |   |   |   |   |  |
| Action Number                                   | Actions  | Steps Necessary for Delivery  | Output  | Timeline  | Lead  | Stakeholders                             |
| TR/24/11(TF)                                    | Advance roll-out of walking/cycling infrastructure in line with National Cycle Network and CycleConnects plans | Publication of National Cycle Network (inter-urban network c 3,500 km in total length, incl. Greenway routes) and CycleConnects (urban network plans) will inform future investment in walking and cycling over coming decade | Targeted delivery of 110 km of walking/ cycling infra in 2024                                     | Q4 2024   | NTA, TII<br><br>(Reporting lead: D/Transport) | D/Transport, NTA, TII, Local Authorities |



| Theme:<br>Shift  |                               |  | 2025 KPI:   | 2025 Abatement Potential:  |  |   |
|--|-------------------------------|--|---|--|--|---|
|  |                               |  | Reduction in Total Vehicle Kilometres and Fuel Usage, and Increase in Sustainable Transport Trips | Included in Basket of Sustainable Transport<br><br>Demand Management Measures: 0.7 MtCO <sub>2</sub> eq. |  |   |
| Measure: Major Public Transport Infrastructure Programme |                               |  |   |  |  |   |
| Actions  |                               |  |   |  |  |   |
| Action Number  | Actions                       | Steps Necessary for Delivery   | Output  | Timeline   | Lead                                     | Stakeholders  |
| TR/24/12(TF)   | Advance DART+ Programme       | Progressing appraisal and planning for DART+ Programme, including lodgement of railway order for DART+ Coastal North   | Railway Order lodged for DART+ Coastal North  | Q2 2024  | NTA<br><br>(Reporting lead: D/Transport) | DPENDR, D/Transport, Iarnród Éireann                |
| TR/24/13(TF)   | Advance BusConnects Programme | Phased programme of public consultations, strategic network design, statutory planning applications and phased implementation of services and infrastructure works across Dublin, Cork, Galway, Limerick and Waterford.<br><br>Construction tender awards for core bus corridors in Dublin | BusConnects Cork – Completed Network Design   | Q4 2024  | NTA<br><br>(Reporting lead: D/Transport) | Local Authorities, Transport Operators, D/Transport |

|              |   |  |   |         |             |                      |
|--------------|---|--|---|---------|-------------|----------------------|
| TR/24/14(TF) | Continue investment in passenger and freight rail, informed by outcomes of All-Island Strategic Rail Review (SRR) | Development of SRR implementation plan, and to progress investment in rail network | Memo to Government - Implementation Plan to support delivery of Strategic Rail Review recommendations | Q2 2024 | D/Transport | NTA, Iarnród Éireann |
|--------------|---|--|---|---------|-------------|----------------------|

|   |   |  |  |          |  |   |
|---|---|--|--|----------|--|---|
| Theme:<br><br>Shift   |   |  | 2025 KPI:<br><br>Reduction in Total Vehicle Kilometres and Fuel Usage, and Increase in Sustainable Transport Trips |          | 2025 Abatement Potential:<br><br>Included in Basket of Sustainable Transport / Demand Management Measures: 0.7 MtCO <sub>2</sub> eq. |   |
| Measure: Public Transport Services and Escort to Education Journeys |   |  |  |          |  |   |
| Actions   |   |  |  |          |  |   |
| Action Number   | Actions   | Steps Necessary for Delivery   | Output   | Timeline | Lead   | Stakeholders                                |
| TR/24/15(TF)  | SMP Pathfinder:<br><br>Accelerate implementation of Safe Routes to School Programme | Continued progression of 275 Phase 1 & 2 schools through SRTS scheme, including completion of baseline surveys, scheme designs, infrastructure roll-out & identification of Phase 3 schools for 2024 | Additional Phase 3 Schools identified and brought into implementation programme                                    | Q1 2024  | NTA, An Taisce (Reporting lead: D/Transport)   | D/Transport, D/Education, Local Authorities |

|              |  |   |  |         |  |   |
|--------------|--|---|--|---------|--|---|
| TR/24/16(TF) | <b>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</b> | Continuous work programme over 2023-2026 to support expansion of PT services and achievement of modal shift targets | Procurement and rollout of Connecting Ireland services per NTA Phase 3 implementation plan | Q4 2024 | NTA<br><br>(Reporting lead: D/Transport) | D/Transport, Local Authorities, Transport Operators |
|--------------|--|---|--|---------|--|---|

|  |  |   |  |   |                                   |                                   |
|--|--|---|--|---|-----------------------------------|-----------------------------------|
| Theme:<br><br>Shift                            |  |   | 2025 KPI:<br><br>Reduction in Total Vehicle Kilometres and Fuel Usage, and Increase in Sustainable Transport Trips | 2025 Abatement Potential:<br><br>Included in Basket of Sustainable Transport/ Demand Management Measures: 0.7 MtCO <sub>2</sub> eq. |                                   |                                   |
| Measure: Smart, Shared and Integrated Mobility |  |   |  |   |                                   |                                   |
| Actions  |  |   |  |   |                                   |                                   |
| Action Number                                  | Actions  | Steps Necessary for Delivery  | Output   | Timeline  | Lead                              | Stakeholders                      |
| TR/24/17(TF)                                   | Development and publication of Policy Statement on Mobility Hubs   | Submit Business Case to Climate Action Fund for Mobility Hubs Project.<br><br>Commence planning and phased implementation of Mobility Hubs Project        | Published Policy Statement   | Q3 2024   | D/Transport                       | DECC, NTA, TII, Local Authorities |
| TR/24/18(TF)                                   | Rollout of expanded Regional Bike sharing schemes in Limerick, Cork, Waterford and Galway, including enhanced e-bike provision | Review and development of additional incentives to promote alternatives to private car use, including expanded provision of e-cargo and e-bikes solutions | Launch of electric bike trial and new bike-sharing stations constructed in Limerick and Cork                       | Q4 2024   | NTA (Reporting lead: D/Transport) | D/Transport Local Authorities     |

|   |  |   |   |          |   |  |
|---|--|---|---|----------|---|--|
| Theme:<br><br>Improve   |  |   | 2025 KPI:<br><br>Increasing Biofuels Blend Rates to E10/B12                       |          | 2025 Abatement Potential:<br><br>0.53 MtCO <sub>2</sub> eq. |  |
| Measure: Decarbonising Public Transport & School Transport Services |  |   |   |          |   |  |
| Actions   |  |   |   |          |   |  |
| Action Number   | Actions  | Steps Necessary for Delivery  | Output  | Timeline | Lead  | Stakeholders                           |
| TR/24/19(TF)  | Advance PSO electric bus fleet procurement, including depot charging upgrades                      | Procurement framework is now in place to support delivery of 800 electric buses over five-year period | c.120 double-deck battery electric buses entered into passenger service in Dublin | Q4 2024  | NTA (Reporting lead: D/Transport)                           | D/Transport, Transport Operators, ESNB |
| TR/24/20(TF)  | Identify measures to improve sustainability of School Transport Scheme, informed by Phase 3 review | As per headline action  | Initiate pilot integration project for school and public transport                | Q3 2024  | D/Transport   | NTA, D/Education Transport Operators   |



|   |   |  |  |  |             |  |
|---|---|--|--|--|-------------|--|
| Theme:<br><br>Improve   |   |  | 2025 KPI:<br><br>175,000 passenger EVs,<br><br>20,000 commercial LGVs,<br><br>700 low-emission HDVs,<br><br>300 PSO bus EVs,<br><br>expansion of electrified rail services | 2025 Abatement Potential:<br><br>Included in Electrification and Vehicle Technology Basket: 1.96 MtCO <sub>2</sub> eq. |             |  |
| Measure: EV Charging Infrastructure Strategy & ZEV work programme |   |  |  |  |             |  |
| Actions   |   |  |  |  |             |  |
| Action Number   | Actions   | Steps Necessary for Delivery   | Output   | Timeline   | Lead        | Stakeholders   |
| TR/24/21  | Ongoing delivery of Destination Charge Point Scheme – including sports clubs and community facilities | Phased delivery of infrastructure across 2024 and 2025, including site selection, procurement of contractors and delivery of charging points for both Shared Island and Just Transition Fund supported schemes | Support provided for the delivery of c.150 charging points by 2025   | Q4 2024  | D/Transport | D/Taoiseach, DECC, DfINI ESBN, NIE, Pobal, TII, EMRA |

|          |   |  |  |         |             |   |
|----------|---|--|--|---------|-------------|---|
| TR/24/22 | <b>Roll out of key elements of EV Infrastructure Strategy</b> | Progress enabling and grid connection works to support achievement of AFIR requirements, including en route high powered network schemes, a national destination and neighbourhood EV charging Plan and Local Authority EV network plans | <p>National Destination and Neighbourhood EV Charging Network Plan</p> <p>En-route scheme launched and funding awarded for up to 170 high-powered chargers on motorway network</p> <p>En-route scheme launched for up to 200 chargers on the single-carriageway network</p> <p>LA EV infrastructure strategies completed and published with rollout provided for LAs ready to go in 2024</p> | Q4 2024 | D/Transport | D/Transport, TII<br>ESBN, SEAI, Local Authorities |
|----------|---|--|--|---------|-------------|---|

|  |   |   |  |          |   |                                      |
|--|---|---|--|----------|---|--------------------------------------|
| Theme:<br>Improve                      |   |   | 2025 KPI:<br><br>Increasing Biofuels Blend Rates to E10/<br>B12  |          | 2025 Abatement Potential:<br><br>0.53 MtCO <sub>2</sub> eq. |                                      |
| Measure: Renewable Fuels for Transport |   |   |  |          |   |                                      |
| Actions                                |   |   |  |          |   |                                      |
| Action Number                          | Actions   | Steps Necessary for Delivery  | Output   | Timeline | Lead  | Stakeholders                         |
| TR/24/24                               | Implement the measures in the Renewable Transport Fuel Policy Statement 2023-2025   | Progress necessary legislation and stakeholder consultation   | Ministerial Orders under S44D of the National Oil Reserves Agency Act 2007 and transposition of transport energy requirements of the EU Renewable Energy Directive | Q4 2024  | D/Transport   | DECC, NORA                           |
| TR/24/25                               | Re-evaluation of the policy framework for the decarbonisation of ports as part of the overall review of National Ports Policy | Review of national ports policy combined with stakeholder engagement, including consideration of key recommendations of the draft All-Island Strategic Rail Review with regard to enhanced rail connectivity to our ports to improve and encourage greater integration of rail freight and rail passenger transport with our seaports | Completed public consultation on draft national ports policy   | Q2 2024  | D/Transport   | Ports and Shipping operators, DPENDR |



## AG | Agriculture

## AG | Agriculture

| Theme: Inputs & Additives   |  |  |  |          |  |   |
|---|--|--|--|----------|--|---|
| Measure: Reducing chemical N use and use of low emission chemical fertilisers |  |  | 2025 KPI:  |          | 2025 Abatement Potential for Measure: 0.75-0.9 MtCO <sub>2</sub> eq. |   |
|   |  |  | Reduce Chemical N Use to a maximum of 330,000 tonnes<br><br>Target 80 – 90 % uptake of inhibited urea on grassland farms   |          |  |   |
| Actions   |  |  |  |          |  |   |
| Action Number   | Actions  | Steps necessary for delivery   | Output   | Timeline | Lead   | Stakeholders                                    |
| AG/24/7   | Review maximum N allowances  | Review max nitrogen limits as part of Nitrates Action Programme Interim Review   | Legislation updated  | Q1 2024  | DHLGH  | Teagasc, DAFM, EPA                              |
| AG/24/8   | Deliver a range of knowledge transfer activities promoting the importance and benefits to farmers of optimising nutrient management strategies as a key contributor to reduced gaseous emissions | Increase usage of the forecasting functionality in AgNav by advisors and farmers in order to highlight the impact of reduced fertiliser N use on gaseous emissions | Farmer engagement in Signpost Advisory Programme<br><br>Engage and support 20,000 farmers in the Signpost Advisory Programme, 4,500 farmers in Derogation Scheme support and 15,000 farmers in ACRES<br><br>Analyse and provide feedback on at least 50,000 soil samples | Q4 2024  | Teagasc (Reporting lead: DAFM)                                       | DAFM, ACA, Signpost Programme partners, farmers |



|          |   |  |  |         |      |   |
|----------|---|--|--|---------|------|---|
| AG/24/10 | <b>Develop a detailed implementation plan for the translation of the Teagasc 2023 MACC and incorporation where appropriate into the Climate Action Plan</b> | <p>Analysis and Engagement with Stakeholders</p> <p>Policy alignment</p>   | New/updated measures from the Teagasc MACC included in the Climate Action Plan | Q3 2024 | DAFM | Teagasc, DAFM, EPA                        |
| AG/24/12 | <b>Implementation of the Common Agricultural Policy Strategic Plan (CSP)</b>  | <p>Establishment of multispecies and clover swards</p> <p>Continue to enforce requirements under the Nitrates Action Programme</p> <p>Continue to enforce requirements under ACRES</p> <p>Provide support for the production of legumes, which play an important role in fixing nitrogen from the atmosphere resulting in reduced chemical nitrogen fertiliser usage</p> | Funding through the Eco-Scheme, ACRES Scheme and Protein Aid Scheme            | Q4 2024 | DAFM | Teagasc, DHLGH, Ag. Consultants, Industry |

| Theme: Husbandry Practices                                    |   |   |   |          |  |   |
|---|---|---|---|----------|--|---|
| Measure: Reduce Greenhouse Gas Emissions from the bovine herd |   |   | 2025 KPI:   |          | 2025 Abatement Potential for Measure: 0.68 MTCO <sub>2</sub> eq. |   |
|   |   |   | Target Finishing Age of 24-25 Months  |          |  |   |
|   |   |   | Reduce age at first calving of suckler beef cows  |          |  |   |
| Actions   |   |   |   |          |  |   |
| Action Number   | Actions   | Steps necessary for delivery  | Output  | Timeline | Lead   | Stakeholders  |
| AG/24/16  | Develop a system for the monitoring and reporting of methane reducing feed and manure ingredients | <p>Review current best practice for supplements and additives to confirm their efficacy and use in feeds and manures</p> <p>Work with industry to develop a charter and mechanism for the monitoring and reporting of methane reducing feed ingredients</p> | Industry agreement for tracking the use of methane reducing feed ingredients and charter agreed | Q4 2024  | DAFM   | Industry – feed producers, co-ops, agri-merchants, Teagasc, EPA |

|          |  |  |   |         |                                |   |
|----------|--|--|---|---------|--------------------------------|---|
| AG/24/18 | Develop a pilot programme for the incorporation of methane reducing additives (enteric and manure) within the Signpost dairy farms | <p>Secure funding and supplies of the additive</p> <p>Identify suitable farmers to participate</p> <p>Establish and run the project</p> <p>Identify issues and barriers to usage of the additives on commercial dairy farms</p> <p>Arrange appropriate knowledge transfer activities around the demonstrations</p> | On-farm demonstration of the feasibility of the incorporation of methane reducing feed additives, and generation of farm specific carbon footprints | Q4 2024 | Teagasc (Reporting lead: DAFM) | Farmers, DAFM, milk processors, additive supplier |
|----------|--|--|---|---------|--------------------------------|---|

## Theme: Diversification

**Measure: Expanding the indigenous biomethane sector through anaerobic digestion, increasing the area under tillage and increasing the level of Organic Farming**

**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

Target of up to 250kha of Organic Farming

**2025 Abatement Potential for Measure: 1.4 MTCO<sub>2</sub>eq.**

## 2023 – 2025 Actions

| Action Number | Actions  | Steps necessary for delivery   | Output   | Timeline | Lead       | Stakeholders  |
|---------------|--|--|--|----------|------------|---|
| AG/24/22      | <b>Establish a Biomethane Coordination Group to oversee delivery of 5.7TWh target and National Biomethane Strategy Implementation activities</b> | Establish a Biomethane Coordination Group to oversee target delivery and Strategy Implementation including development of governance structure and Identification of appropriate KPIs, and target monitoring and reporting process | Publish implementation plan and ToRs for working group | Q1 2024  | DECC, DAFM | DETE, D/Transport, DFIN, DPENDR, DHLGH, EPA, LAs, ISIF, Teagasc, Gas Networks Ireland, NPWS, Commission for Regulation of Utilities |

|                 |  |  |  |         |      |   |
|-----------------|--|--|--|---------|------|---|
| <b>AG/24/24</b> | <b>Development of the obligation in the heat sector and incentivizing the production of indigenously produced Biomethane</b> | Finalise high-level Obligation structure including introductory obligation rate, supplier threshold and final target rate  | Publication of high-level scheme outline | Q3 2024 | DECC | SEAI  |
| <b>AG/24/26</b> | <b>Development of ecosystem services through the creation of a carbon farming framework</b>                                  | <p>Undertake public consultation to inform the design and scope of the framework</p> <p>Establish a Flagship delivery team to drive the process of developing the framework and designing pilots/demonstration to test the framework</p> <p>Deliver the development of ecosystem services through the creation of a carbon farming framework</p> | Draft framework published                | Q2 2024 | DAFM | Climate KIC, State agencies, Teagasc, Industry and NPWS |



A close-up photograph of a red flower head, likely a daisy or similar composite flower, with many small red stamens radiating from a yellow center. The background is a soft, out-of-focus yellow and orange. A diagonal white line cuts across the bottom left of the image, separating the flower from the text.

## **LU | Land Use, Land Use Change, Forestry**

## LU | Land Use, Land Use Change and Forestry

|  |  |  |  |          |                           |   |
|--|--|--|--|----------|---------------------------|---|
| Theme: Pathway to meeting the EU LULUCF Regulation Targets |  |  | 2025 KPI:  |          | 2025 Abatement Potential: |   |
| Measure:   |  |  |  |          |                           |   |
| Actions  |  |  |  |          |                           |   |
| Action Number  | Actions  | Steps Necessary for Delivery   | Output   | Timeline | Lead                      | Stakeholders  |
| LU/24/1  | Implement the new Forest Strategy and Implementation Plan, including Forestry Programme 2023- 2027   | Communication plan<br><br>Establish Forest Strategy consultative committee   | Communication Plan<br><br>Consultative Committee established | Q1 2024  | DAFM                      | State agencies, forest stakeholders, NPWS                     |
| LU/24/4  | Review the proposed measures detailed in the Teagasc MACC to determine which actions are possible to deliver sustainably across all land use types | Engage with the relevant stakeholders involved in the additional MACC measures to collect relevant information.<br><br>Analyse all relevant information and provide a detailed mapping exercise to achieve the EU LULUCF regulation target | Report   | Q3 2024  | DAFM                      | Teagasc, State Agencies, Coillte, Forestry Stakeholders, NPWS |





## MA | The Marine Environment

## MA | The Marine Environment

| Theme: Marine Environment  |   |   |                                     |          |      |              |
|--|---|---|-------------------------------------|----------|------|--------------|
| Measures: 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/24/2  | <b>Publish the South Coast Offshore Renewable Energy DMAP</b> | Following on from the publication of the South Coast ORE DMAP Proposal, a draft DMAP has been prepared. The draft DMAP shall be reviewed by the Minister for Housing, Local Government and Heritage and then shall be laid before the Houses of the Oireachtas for approval | Publication of South Coast ORE DMAP | Q1 2024  | DECC | DHLGH, DAFM  |

**Theme: Marine Environment****Measure: Identify, designate and manage Marine Protected Areas (MPAs)****Actions**

| Action Number | Actions  | Steps Necessary for Delivery   | Output  | Timeline | Lead  | Stakeholders   |
|---------------|--|--|---|----------|-------|--|
| MA/24/5       | <b>Design and initiate the national process for achieving 30% MPA coverage by 2030</b> | Develop the process for identifying, describing and designating MPAs<br><br>Build national capacity to deliver MPAs<br><br>Build the scientific and economic evidence base to support implementation | The new MPA designation process has been developed; and the capacity and evidence base are in place to support this process | Q4 2024  | DHLGH | DECC, DAFM, MI, D/Taoiseach, other relevant government Departments and agencies, ENGOs, the public |



## Theme: Marine Environment

### Measure: Marine climate change monitoring and assessment

#### Actions

| Action Number | Actions  | Steps Necessary for Delivery   | Output  | Timeline | Lead                      | Stakeholders |
|---------------|--|--|---|----------|---------------------------|--------------|
| MA/24/20      | <b>Improve assessments of climate impacts in Ireland's coastal and marine waters</b> | <p>Establish a reference laboratory for Marine Biogeochemistry Essential Climate Variables</p> <p>Integrate remote sensing into ecosystem change and marine management processes.</p> <p>Develop Irish climate projections and decision support tools for use in aquaculture and fisheries management.</p> <p>Establish and run sentinel observing sites for essential ocean variables in Irish Coastal waters</p> | Set up and deployment of climate coastal observation system to initiate the development of Irish climate projections and services for use in aquaculture and fisheries management | Q4 2024  | MI (Reporting lead: DAFM) | DAFM, NPWS   |



**LG | Local Government**

## LG | Local Government

### Theme: Leadership, Governance and Accountability

### Measures: Implementation of Local Government Climate Action

### Actions

| Action Number | Actions   | Steps Necessary for Delivery  | Output  | Timeline | Lead  | Stakeholders   |
|---------------|---|---|---|----------|---|--|
| LG/24/1       | <b>Adopt the Local Authority Climate Action Plans</b>                             | All LA CAPs are adopted at local authority level.   | 31 Local Authority Climate Action Plans adopted | Q1 2024  | Local Authorities (Reporting lead: DECC)      | CCMA, DECC, Local Authorities, Regional Assemblies         |
| LG/24/2       | <b>Develop Decarbonising Zones</b>  | Decarbonising Zone Action Group to focus on addressing blockages that require cross-governmental and agency collaboration.  | Establish a Decarbonising Zone Action Group     | Q2 2024  | DECC  | CAROs, CCMA, DHLGH, Local Authorities, Regional Assemblies |
| LG/24/6       | <b>Support Cork and Dublin in the EU Climate-neutral and Smart Cities Mission</b> | Oversee the Mirror Group and City Lead Group and provide support and technical expertise to assist the cities in developing their Climate City Contracts for submission to Net Zero Cities. | Cork and Dublin submit Climate City Contract    | Q4 2024  | Cork City, Dublin City (Reporting lead: DECC) | DECC, Galway City, DFHERIS, Regional Assemblies            |





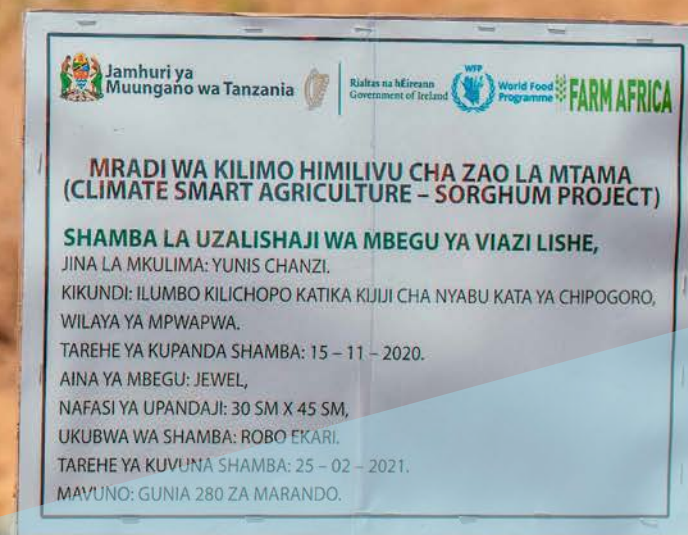
## CE | The Circular Economy and Other Emissions

## CE | The Circular Economy and Other Emissions

| Theme: Enable Our Circular Economy                      |   |   |   |          |      |   |
|---|---|---|---|----------|------|---|
| Measure: Set Strategic Direction for a Circular Economy |   |   |   |          |      |   |
| Actions   |   |   |   |          |      |   |
| Action Number   | Action  | Steps necessary for delivery  | Output  | Timeline | Lead | Stakeholders                                      |
| CE/24/1   | Develop a new levy on single-use packaging, focusing on disposable cups for cold drinks           | As per headline action  | Published scheme for levy                                 | Q4 2024  | DECC | DECC, EPA, Local Government, Collection Authority |
| CE/24/2   | Develop a roadmap for improved circularity in textiles and improve the separate collection system | Stakeholder engagement<br><br>Improved data on material flows<br><br>Possible regulatory change | Fit for Purpose<br>Separate collection system established | Q4 2024  | DECC | DECC, EPA, Local Government                       |



|         |  |   |   |         |                            |                             |
|---------|--|---|---|---------|----------------------------|-----------------------------|
| CE/24/3 | Go-live of the Deposit and Return Scheme for plastic bottles and aluminium cans  | Provision of support to the Producer Responsibility Organisation during launch and establishment  | Scheme goes live on February 1 with opening of Deposit and Return centres | Q1 2024 | DECC                       | DECC, EPA, Local Government |
| CE/24/4 | Develop a Circular Economy Roadmap for the Construction Sector   | Drafting development at D/PER's Construction Sector Subgroup on the Circular Economy  | Roadmap for a circular construction sector adopted                        | Q4 2024 | DECC                       | DPENDR                      |
| CE/24/5 | Undertake high level assessments of Irish geology, for potential for Critical Raw Materials. This report will identify which of the European Critical Raw Materials are potentially hosted in Irish primary deposits | Desk study, data compilation, data analysis that will direct the national exploration programme and assess specific criticality factors for Ireland | Technical report to be published  | Q4 2024 | GSI (Reporting lead: DECC) | GSPD                        |



**IC | International  
Climate Action**

## IC | International Climate Action

| Theme: International Climate Policy |   |   |  |          |      |                                       |
|-------------------------------------|---|---|--|----------|------|---------------------------------------|
| Measures:                           |   |   |  |          |      |                                       |
| Actions                             |   |   |  |          |      |                                       |
| Action Number                       | Actions   | Steps Necessary for Delivery  | Output   | Timeline | Lead | Stakeholders                          |
| IC/24/1                             | Increase Ireland's year-on-year climate finance contribution for 2024 | 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 | Submission of official 2023 climate finance figures to EU, which show progress in scaling up Ireland's climate finance | Q4 2024  | DFA  | DECC, DFIN, DAFM, DPENDR, D/Taoiseach |





## AD | Adaptation

## AD | Adaptation

| Theme: Adaptation  |   |  |                                       |          |      |  |
|--|---|--|---------------------------------------|----------|------|--|
| 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/24/1  | Develop a new National Adaptation Framework | Statutory Public Consultation and Final NAF approved by Government | Publish National Adaptation Framework | Q2 2024  | DECC | Sectors required to provide input, Public consultation, NASC members to provide observations, CCAC to advise |



## Theme: Adaptation

## Measure: Ensure climate resilience of flood risk management policies

## Actions

| Action Number | Actions  | Steps necessary for delivery  | Output   | Timeline | Lead                         | Stakeholders  |
|---------------|--|---|--|----------|------------------------------|---|
| AD/24/2       | <b>Complete a review of the national Preliminary Flood Risk Assessment to assess the potential impacts of climate change on flooding and flood risk across Ireland</b>           | Complete predictive assessment of current and potential future flood risk<br><br>Complete consultation with local authorities and the public              | National assessment of current and potential future flood risk published     | Q4 2024  | OPW (Reporting lead: DPENDR) | Local Authorities, Waterways Ireland, ESB, Uisce Éireann  |
| AD/24/3       | <b>Develop options for the delivery of a National Implementation Strategy for Nature-Based Solutions for the management of rainwater and surface water runoff in urban areas</b> | Engagement with key stakeholders and subject matter experts and draft and publish scoping document for the delivery of a National Implementation Strategy | Publication of a National Implementation Strategy for nature-based solutions | Q4 2024  | DHLGH                        | EPA to provide technical support and advice, LAWPRO to coordinate work at local authority level |

**Theme: Adaptation****Measure: Develop climate services and improve climate data availability****Actions**

| Action Number | Actions                                    | Steps necessary for delivery   | Output   | Timeline | Lead                      | Stakeholders            |
|---------------|--|--|--|----------|---------------------------|-------------------------|
| AD/24/4       | <b>Publish sectoral technical guidance</b> | Co-ordinate the development and implementation of an approach to sectoral and local government climate change risk assessment to incorporate the consistent use of National Climate Services information | Publish Technical guidance for adaptation sectors based on the NCCRA method and an agreed set of climate scenarios | Q2 2024  | EPA (Reporting lead: DECC | Met Éireann, DHLGH, OPR |

## Theme: Adaptation

## Measure: Improve the climate resilience of infrastructure

## Actions

| Action Number | Actions  | Steps necessary for delivery   | Output  | Timeline | Lead                                  | Stakeholders   |
|---------------|--|--|---|----------|---------------------------------------|--|
| AD/24/5       | Improve the resilience of Ireland's water infrastructure through implementation of a Nature Based Solutions (NBS) Programme                                | Improve the climate resilience of Ireland's water infrastructure, adapting to climate change, through implementation of a Nature Based Solutions (NBS) Programme. This programme implements an NBS approach for stormwater/surface water run-off, sludge and protection of water sources | Publish drainage Area Plans covering 5 large urban centres, develop 2 exemplars of sludge Drying, implement Reed Bed systems. Plant 50,000 native trees | Q4 2024  | Uisce Éireann (Reporting lead: DHLGH) | DHLGH  |
| AD/24/6       | Undertake catchment-based quantitative groundwater assessments to highlight zones that are more likely to provide sustainable water supplies in the future | Data compilation and analysis (hydrological, geological and other considerations e.g. SAC water needs) and reporting   | Develop 3 draft catchment reports in the Shannon/ Corrib region in 2024)  | Q4 2024  | GSI (Reporting lead: DECC)            | Uisce Eireann, Group Water Schemes, water abstractors. |

|         |   |  |  |         |      |                  |
|---------|---|--|--|---------|------|------------------|
| AD/24/7 | Engage with and survey Industry in relation to climate adaptation to collect baseline data to progress adaptation measures in this area | Questionnaire on actions being taken by Industry to be circulated. Annual meeting with Industry to be arranged and quarterly reports to be requested | Report published containing improved baseline information on the resilience of communications companies based on questionnaire responses | Q4 2024 | DECC | Industry, ComReg |
|---------|---|--|--|---------|------|------------------|



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