How do we reach our target?

To close the gap on where we need to be by 2030

<table>
<thead>
<tr>
<th>MtCO₂eq.</th>
<th>Carbon Budget</th>
<th>Compliance Gap</th>
</tr>
</thead>
<tbody>
<tr>
<td>Effort Sharing Regulation Ceiling</td>
<td>378.3 Mt</td>
<td>-</td>
</tr>
<tr>
<td>Projected Emissions</td>
<td>479.9 Mt</td>
<td>101.6 Mt</td>
</tr>
<tr>
<td>Contribution of Project Ireland 2040 Measures</td>
<td>- 16.4 Mt</td>
<td>85.2 Mt</td>
</tr>
<tr>
<td>Better Land Use Management</td>
<td>- 26.8 Mt</td>
<td>58.4 Mt</td>
</tr>
<tr>
<td>Additional Abatement Effort Required</td>
<td>- 58.4 Mt</td>
<td>0 Mt</td>
</tr>
</tbody>
</table>
Electricity

- 70% Electricity generated from renewable sources by 2030
- Phase-out Coal and Peat electricity generation
- Homeowners to generate their own electricity and sell back to the grid under scheme for micro-generation

Transport

- Increase the number of EVs by 2030 to circa 1 million
- Build EV charging network to stay ahead of demand
- Expand our network of cycle paths and ‘Park and Ride’ facilities, helping ease congestion
- No diesel-only purchases for public buses in our cities from 1 July 2019

Agriculture

- Deliver GHG emissions reduction identified by Teagasc by creating new, sustainable opportunities for family farms
- 8,000 ha on average, of newly planted forest per year
- 40,000 ha at least, of improved grasslands on drained organic soils per year

Buildings

- 500,000 existing homes to upgrade to ‘B2’ equivalent BER by 2030
- 600,000 heat pumps installed by 2030 (of which 400,000 will be in existing buildings)
- New retrofitting delivery model, which will group retrofits together, leverage smart finance, and ensure easy pay-back methods

Waste and the Circular Economy

- Reduce the percentage of municipal waste sent to landfill to 10% by 2035
- Reduce food waste by 50% by 2030
- By 2030
- Recycle 70% of packaging waste
- Recycle 55% of plastic packaging waste
- Eliminate non-recyclable plastic and impose higher fees on the production of materials that are difficult to recycle

Citizens and Communities

Engage Communities across the country through:

- Establishing a Community Outreach Programme
- Driving action through the National Dialogue on Climate Action
- Increase the number of Sustainable Energy Communities to 1,500
- Develop flagship low-carbon projects in all Local Authorities

Enterprise and Services

- Embed decarbonisation and waste management measures across all enterprises and public service bodies
- Mobilise low carbon centers of excellence in our regions and across sectors
- Plan for the delivery of quality employment and enterprise in the new areas of opportunity

International Action

- Double the percentage of Overseas Development Aid spending on climate finance by 2030

Public Sector

- Reduce emissions from the public sector by 30% by 2030
- Every public body will adopt a Mandate for Climate Action in 2019
- Improve energy efficiency of public sector buildings by 50% by 2030
- To be Enshrined in Law

Carbon proofing all government decisions and major investments

Climate Action Delivery Board overseen by the Taoiseach to monitor delivery

Strong accountability to an Oireachtas Climate Action Committee

5 Year Carbon Budget

- Independent Climate Action Council to recommend the Carbon Budget and evaluate policy

Carbon Pricing

- Trajectory of Carbon Pricing to create behaviour changing incentives and avoid locking in carbon intensive technologies
Electricity

Phase-out Coal and Peat electricity generation

Homeowners to generate their own electricity and sell back to the grid under scheme for micro-generation

Deliver GHG emissions reduction identified by Teagasc by creating new, sustainable opportunities for family farms at least, of improved grasslands on drained organic soils per year

8,000 ha

40,000 ha

Agriculture

Waste and the Circular Economy

Electricity generated from renewable sources by 2030

Ban specific single-use plastic convenience items including polystyrene food, cup, and drink containers

Recycle Recycle

No diesel-only purchases for public buses in our cities from 1 July 2019

Increase the number of EVs by 2030 to circa 1 million

Build EV charging network to stay ahead of demand

Expand our network of cycle paths and ‘Park and Ride’ facilities, helping ease congestion

Reduce the percentage of municipal waste sent to landfill to 10% by 2035

Eliminate non-recyclable plastic and impose higher fees on the production of materials that are difficult to recycle

Reduce food waste by 50% by 2030

Establish a Just Transition Review Group, which will identify specific transition needs among cohorts of workers, enterprises, communities and specific groups of people

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CLIMATE ACTION PLAN 2019
To Tackle Climate Breakdown
Infographic