



Llywodraeth Cymru
Welsh Government

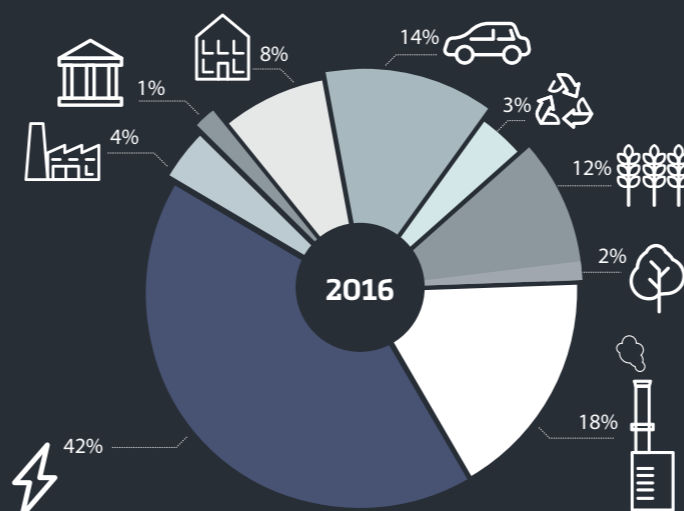
Welsh Government 2019

Prosperity for All: A Low Carbon Wales

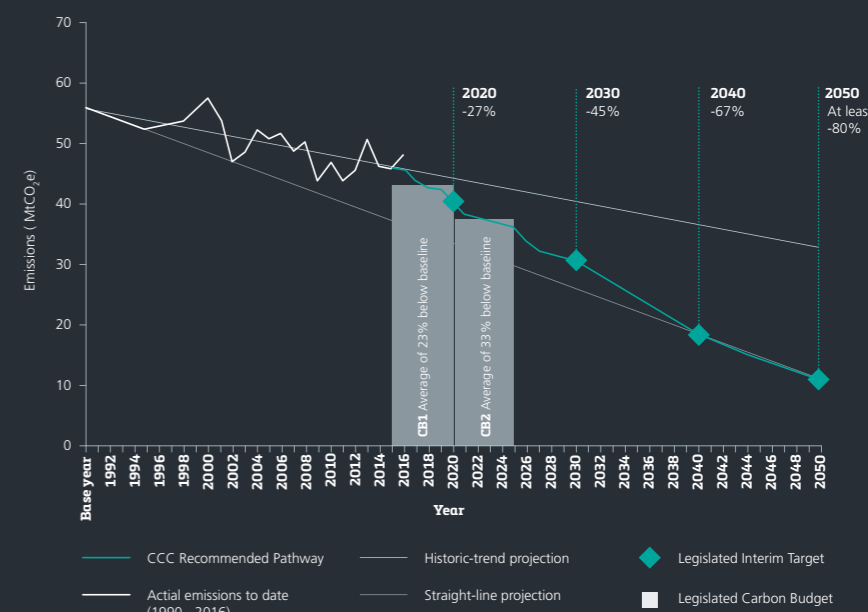
Cutting our emissions and transition to a low carbon economy in a way which maximises wider benefits for Wales, ensuring a fairer, healthier and more equal society.

- › Under Section 39 of the Act, Welsh Ministers must prepare and publish a report for each budgetary period setting out their policies and proposals for meeting the carbon budget for that period.
- › The first carbon budget is set at an average of a 23% reduction and interim emissions reduction target for 2020 at 27% (against a 1990s baseline).

Our Emissions and Pathway to at least 80% reduction in 2050



Total Share of Welsh Emissions across sectors



Total Welsh emissions – historic data and future projections

100 Policies and Proposals

- › The Plan pulls together **76 existing** pieces of policy from across the Welsh Government, UK Government and the EU where decarbonisation is integrated either as a direct outcome or a wider benefit.
- › **24 proposals** to explore and develop future policy actions which progress the ideas for action from our consultation in 2018.
- › Covers all ministerial portfolios

- › Guided by the ways of working of the Well being Act. These are:



Long-term



Integration



Involvement



Collaboration



Prevention

Overview of the plan



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Leadership Collaboration, Integration and Involvement

- › The Plan sets out the **cross-cutting** actions we are taking through **integrating** decarbonisation across government policy and delivery.
- › It sets out how we are thinking more holistically, recognising the **wider and joined-up systems** and the **skills** and **innovation** needed for transition.
- › The Plan also highlights the need for **involvement** and **collaboration** across society and the role of others in the low carbon transition.
- › The **people of Wales** will be central in designing the future changes and low carbon initiatives needed in moving towards a low carbon future
- › Showing how Wales can contribute to the **global challenge** of climate change and lead **internationally** with other **States and Regions**, sharing and learning with others.

Leadership in the Public Sector

- › Delivering our decarbonisation targets and our carbon neutral ambition will require significant leadership from the public sector in areas such buildings, transport and procurement.



Agriculture sector emissions will reduce through:

- › improving efficiency of livestock production;
- › improving crop and nutrient management;
- › improving on farm fuel and energy efficiency.



Buildings sector emissions will reduce through:

- › Energy efficiency measures;
- › Low carbon heating measures;
- › Behavioural change measures to the way we run buildings.



Industry sector emissions will reduce through:

- › Improving energy efficiency measures of material, energy and processes, innovation and waste heat;
- › Increase of low carbon heat and industrial process measures.



We will increase the LULUCF sink in Wales by:

- › increasing tree cover; and
- › reducing carbon loss from peatlands and building carbon stores within biomass



F-Gas sector emissions will reduce through:

- › Demand reduction.



Power sector emissions will reduce through:

- › Reducing overall power generation from fossil fuels;
- › Increasing the deployment of renewable energy to meet the target for Wales to generate 70% of its electricity consumption from renewable energy by 2030;
- › Increasing support for innovation.



Transport sector emissions will reduce through:

- › Behavioural change measures (modal shift to more sustainable travel);
- › Increasing uptake of electric vehicles;
- › Reducing emissions from road and rail transport through vehicle and fuel efficiency.



Waste sector emissions will reduce through:

- › Reducing waste emissions from landfill;
- › Increasing measures to reduce emissions from water treatment.

