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

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

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.

We will increase the LULUCF sink in Wales by:
› increasing tree cover; and
› reducing carbon loss from peatlands and building carbon stores within biomass

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.

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.

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 neural ambition will require significant leadership from the public sector in areas such buildings, transport and procurement.