

Resolving the challenge of net zero carbon – a strategic approach

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Derbyshire County Council



Derbyshire Climate and Carbon Reduction Manifesto May 2019



The challenge of global climate change and our need to reduce carbon emissions, cut waste and be greener in all we do has never been so great.

We have made great strides in Derbyshire over the last two years but there is always so much more we can and should do.


We are tackling unnecessary waste, reducing emissions from our street lighting by 63% and overall emissions from our operations by 34% since 2010, actively supporting new electric vehicle charging points across the county and introducing measures to reduce single-use plastics across the Council.


This Derbyshire Climate and Carbon Reduction Manifesto takes our commitments a step further and makes a strong public statement - one to which the people of Derbyshire can hold us accountable.

In leading by example and bringing together local people, voluntary groups, other councils and businesses to tackle climate change we believe we will win hearts and minds and work to put climate change on everyone's agenda in Derbyshire.

My Cabinet and I are firmly committed to tackling climate change and we hope you will join us on this challenging but vitally important journey.


Derbyshire County Council Leader, Cllr Barry Lewis

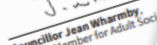

Councillor Simon Spencer, Cabinet Member for Highways, Transport and Infrastructure and Deputy Leader


Councillor Alex Dale, Cabinet Member for Children and Young People


Councillor Carol Hart, Cabinet Member for Health and Communities


Councillor Angelique Foster, Cabinet Member for Council Services


Councillor Tony King, Cabinet Member for Economic Development and Regeneration


Councillor Jean Wharmby, Cabinet Member for Adult Social Care

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We pledge to:

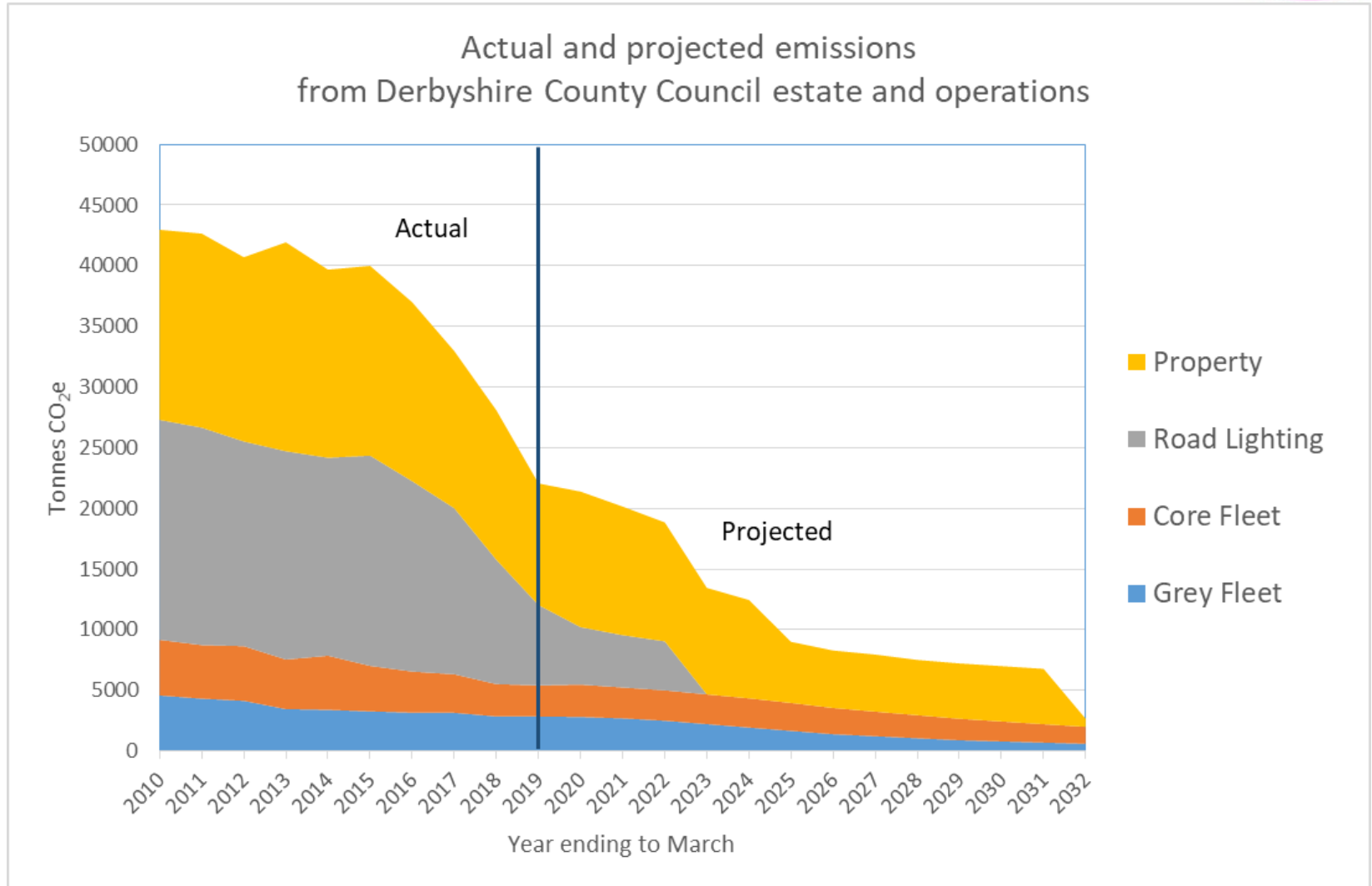
- Reduce greenhouse gas emissions from the Council's buildings and operations by 55% by 2022 compared to 2010.
- Work with borough and district councils, utilities and property developers to champion eco-homes fit for the future and to help communities and businesses become less dependent on energy
- Work with Derbyshire businesses and local government partners in China, Japan, India and other countries to reduce carbon emissions in business and tourism activities
- Support renewable energy generation, both large scale and microgeneration, on the Council's land and buildings and in our communities working alongside partners such as D2N2 and the Midlands Energy Hub
- Promote energy efficiency, including reducing energy use in older buildings and through the use of smart technology
- Support low carbon businesses to establish and flourish in Derbyshire, creating new jobs
- Foster green energy entrepreneurs to develop renewable or zero carbon energy production
- Attract companies into Derbyshire who will carry out research and development and upskill the workforce in partnership with universities and training providers
- Use the Council's buying power to support businesses and schools to become more sustainable
- Support and promote the development of low carbon travel and low emission vehicles, introduce electric vehicles into the Council fleet and explore opportunities for low carbon fuels for HGVs
- Develop through our close partnerships with district and borough councils solutions that minimise waste, particularly food waste and single-use plastics, and increase recycling wherever possible
- Ensure we buy and use goods which are more sustainable and can be reused or recycled and regulate waste products that are used to benefit the local economy
- Call on the UK Government to ensure the level of investment and national planning regulations support the Council's ambitions to reduce greenhouse gas emissions in Derbyshire
- Produce further targets and objectives for carbon reduction, within six months, after considering latest recommendations made to the UK Government



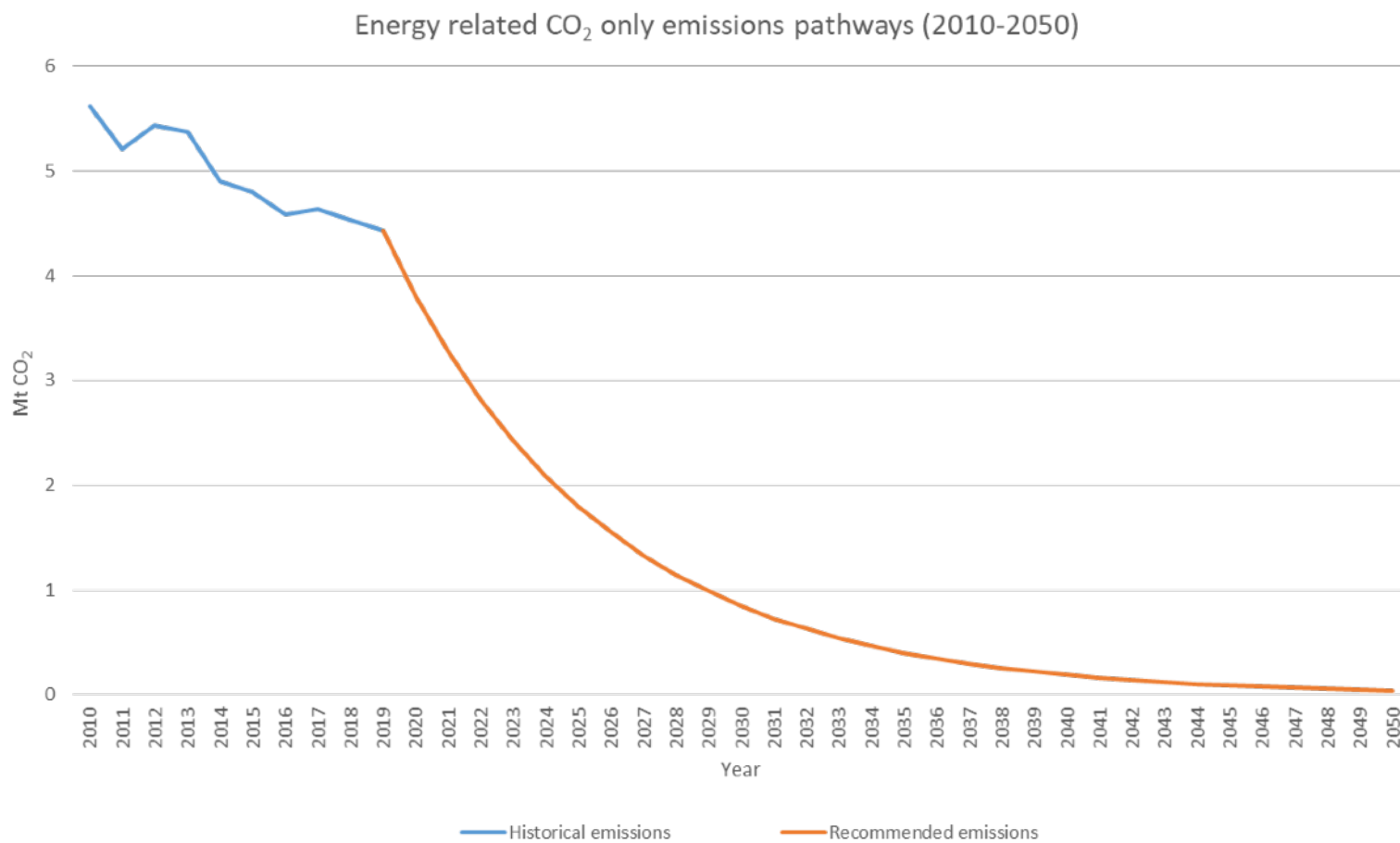
District and Borough Councils

	Date	Commitment	Carbon neutral in-house	Carbon neutral area-based
DERBYSHIRE	15/05/19	Commitment made	2032	2050
DERBY	22/05/19	Emergency declared	Date tbc ¹	Date tbc ¹
Derbys Dales	30/05/19	Emergency declared	2030	No target
South Derbys	27/06/19	Emergency declared	2030 ²	2050
North East	08/07/19	Emergency declared	2030	No target
Chesterfield	17/07/19	Emergency declared	Date tbc ³	Date tbc ³
Bolsover	17/07/19	Commitment made	Date tbc ⁴	Date tbc ⁴
Amber Valley	24/07/19	Emergency declared	2030	No target
Erewash	10/10/19	Commitment made	2050	2050
High Peak	15/10/19	Emergency declared	2030	2030

DCC Carbon Reduction Plan



Derbyshire-wide: suggested emissions trajectory



Environment and Climate Change Framework

Overarching Framework	Environment and Climate Change Framework						
Programme	Environment and Climate Change Programme (based on carbon budgets and trajectories)						
Theme	↑ Energy ↓	↑ Travel ↓	↑ Resources ↓	↑ Air Quality ↓	↑ Economy ↓	↑ Natural environment ↓	↑ Partnership working ↓
Relevant policies, strategies & plans	Energy Strategy (draft)	LEVI Strategy (2019-2029) (approved) Local Transport Plan 3 (2011-2026)	Derbyshire's Waste Strategy (Dealing with Derbyshire's Waste 2013-2026) (approved)	Health and Well-being Board Air Quality Strategy (2020-2030) (approved)	Good Growth Strategy (2020-2030) (draft)	Natural Capital Strategy (2020-2030) (proposed)	District & borough area-wide policies and plans e.g. Local Plans, supplementary planning guidance
Key delivery partners	Local authorities, residents, VCS, businesses, Distribution Network Operators, Midlands Energy Hub	Local authorities, Go Ultra Low Nottingham, businesses, VCS, hospitals, residents	Local authorities, residents, businesses	Derbyshire Health and Well-being board, local authorities, businesses, residents	Local authorities, businesses, D2EE, Local Economic Partnership (D2N2), VCS, Midlands Energy Hub	Local authorities, Trent Valley Landscape Partnership, Peak District National Park, Local Nature Partnerships, VCS	Local Authorities, social housing providers, residents, businesses, VCS

Key achievements

- Reduced carbon emissions from the Council's estate and operations by 48% from 2010 levels
- 54kWp rooftop solar
- Outline planning permission for 3.9MW and 4.4MW solar farm (lapsed)
- Five dual EV charge points at County Hall
- 8 EV pool cars and 3 e-bikes in pool fleet
- £4M set aside from Business Rate Retention Pilot for property and fleet related projects
- £200k growth fund for staff resources

Key achievements

- Local Authorities Energy Partnership (LAEP)
- 13 rapid and 35 fast units installed in local authority car parks across the county
- A further 20 dual fast units to be installed for local residential use
- D2 Energy Efficiency and DE-carbonise programmes
- Derbyshire Healthy Home Project
- Brought together local authority partners
- *Tackling Climate Change Together* on 3rd March 2020