

Climate Emergency

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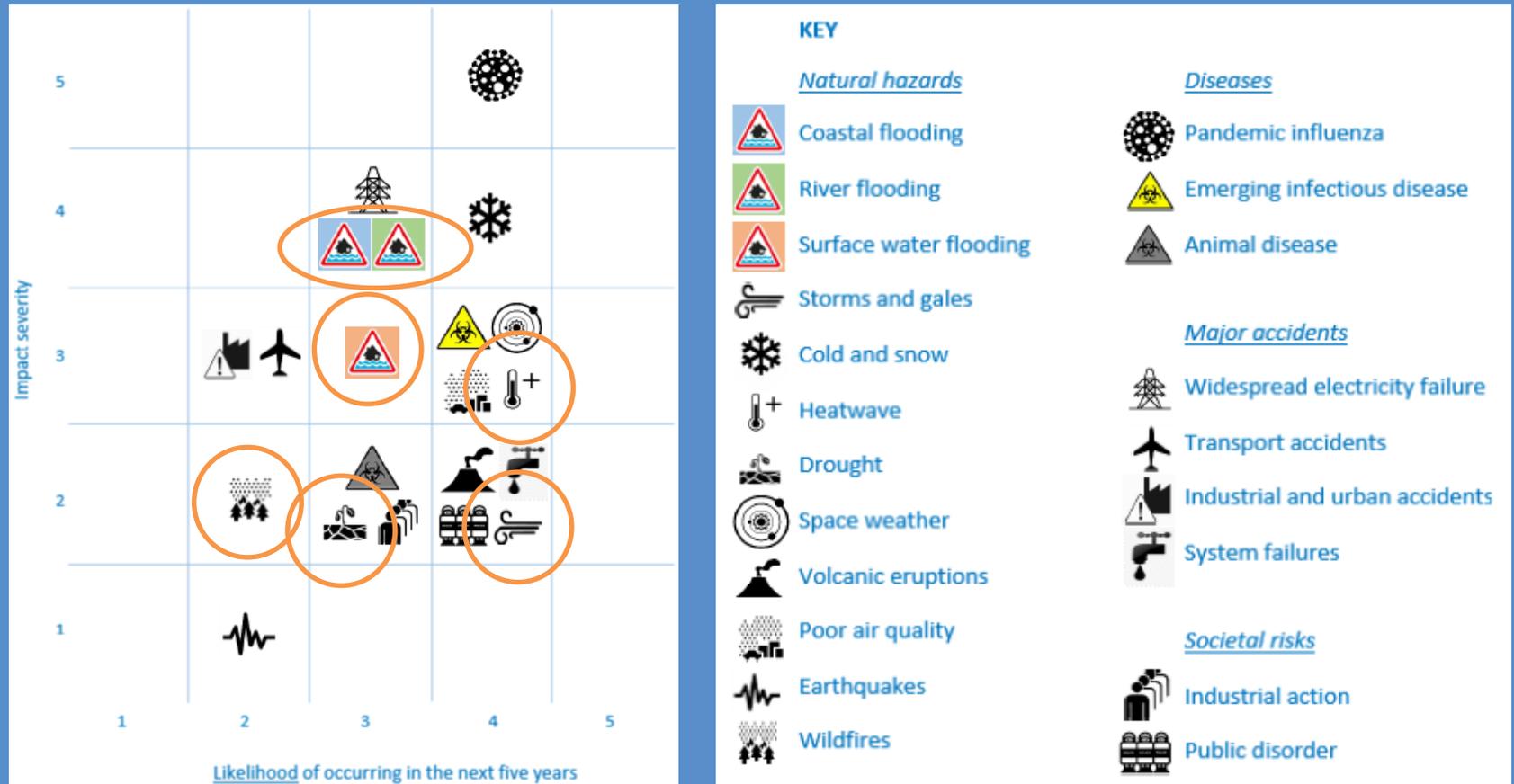
September 2020

The Climate Emergency

- The Paris Agreement of 2015, aims to keep global temperature increase well below 2°C.
 - Global temperatures have already risen by approximately 1°C.
 - Current Government pledges put us as reaching 3°C by the end of this century.
 - Most Governments have not put into place policies to reach these pledges.
- To achieve these aims, globally we need to reduce emissions to close to zero by 2050. We are lucky enough in this country to have some ability to do this faster.

“Climate change is accelerating more rapidly and dangerously than most of us in the scientific community had expected or that the IPCC in its 2007 Report presented.” Sir John Haughton, Former Co-Chair of the Intergovernmental Panel on Climate Change (IPCC), Former Director General of the UK Met Office

Risks of Climate Change



<https://www.gov.uk/government/publications/national-risk-register-of-civil-emergencies-2017-edition>

*“Climate change is a medical **emergency** ... It thus demands an **emergency** response...”*
Prof. Hugh Montgomery, director of the University College London Institute for Human Health and Performance, Lancet Commission Co-Chair

Climate Emergency Strategy and Action Plan

Key principles

Become a net zero carbon council

An energy efficient built environment

Renewable energy generation

Repair, reuse, reduce and recycle

Replenish our carbon stores

Reduce emissions from transport

Adapting to climate change

Areas we directly control

Areas we can influence through our contracts or through funding/support

Areas we can influence through policy activity

Areas we can influence or ask for help and support locally

Areas we can influence or ask for help and support nationally

<https://www.n-somerset.gov.uk/my-services/nuisances-pollution-environmental-issues/climate-emergency>

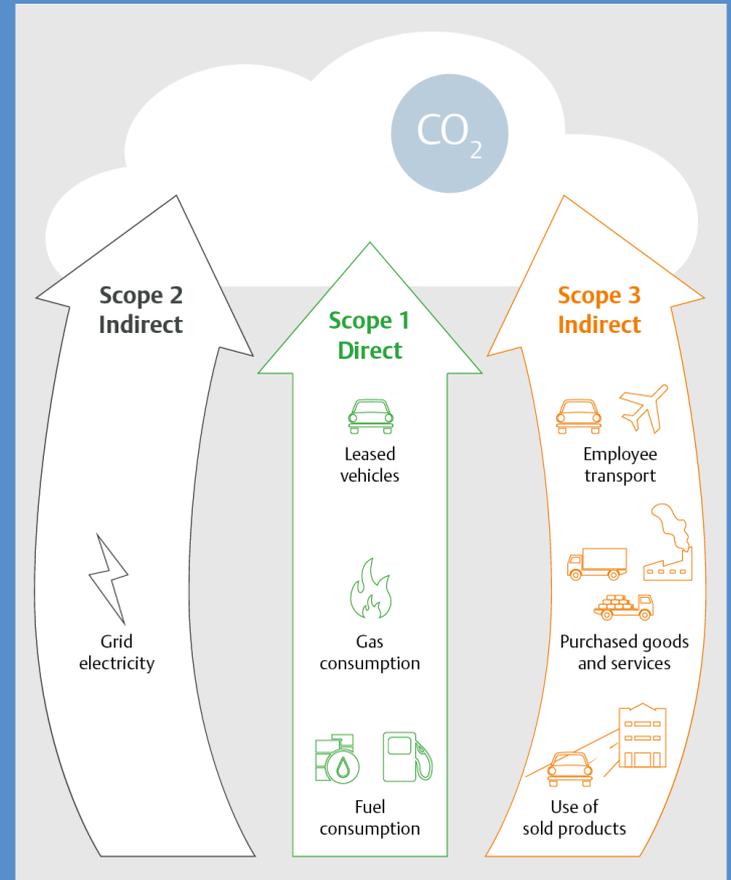
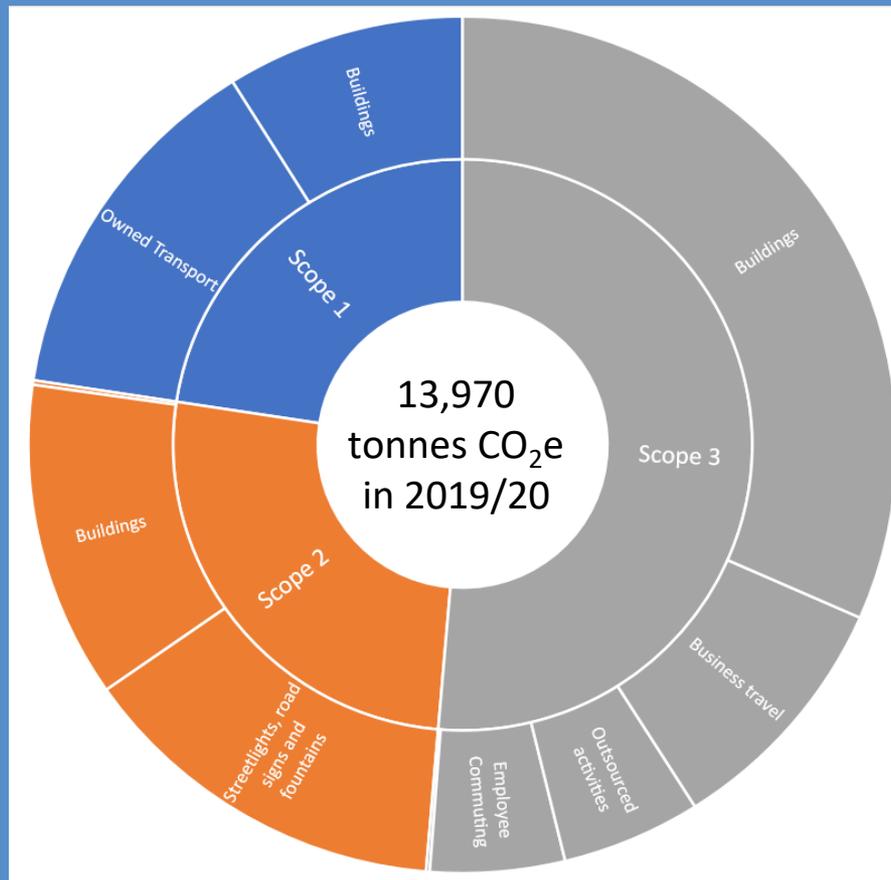
"We, as it were, started the problems, and if we are now taking a lead in solving the problems then that's only a right and responsible thing to do." Sir David Attenborough

Baselining Exercise

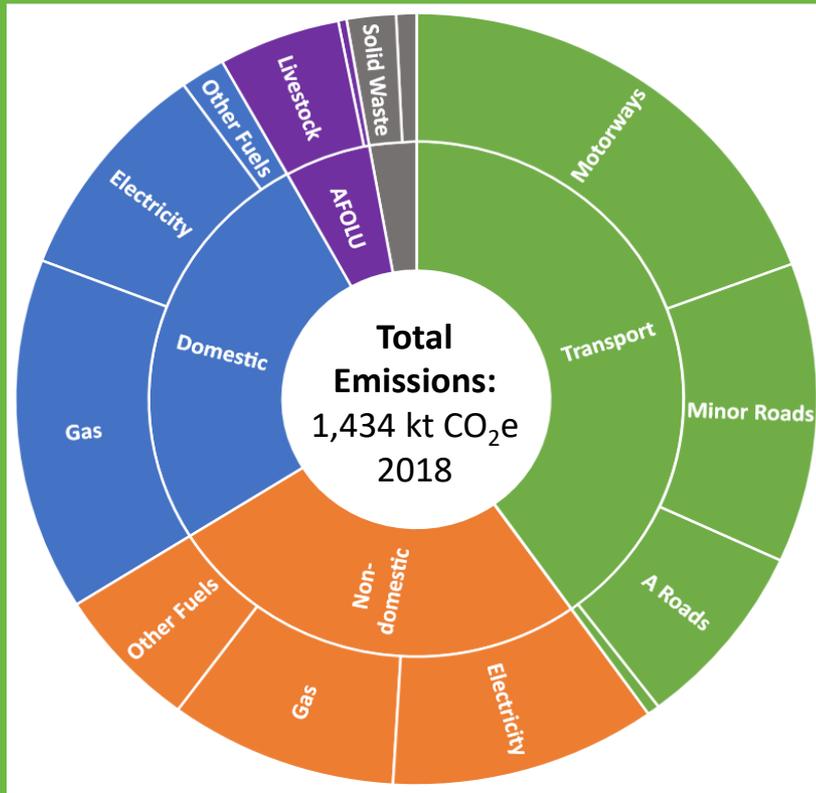
- Two baseline inventories produced:
 - Council activities – emissions that the council are directly responsible for
 - Area wide – emissions estimates for the whole of North Somerset

“If some companies and industries fail to adjust to this new world, they will fail to exist,” - Mark Carney, [formerly] Bank of England, François Villeroy de Galhau, Banque de France, Frank Elderson, Network for Greening the Financial System

North Somerset Council Activities

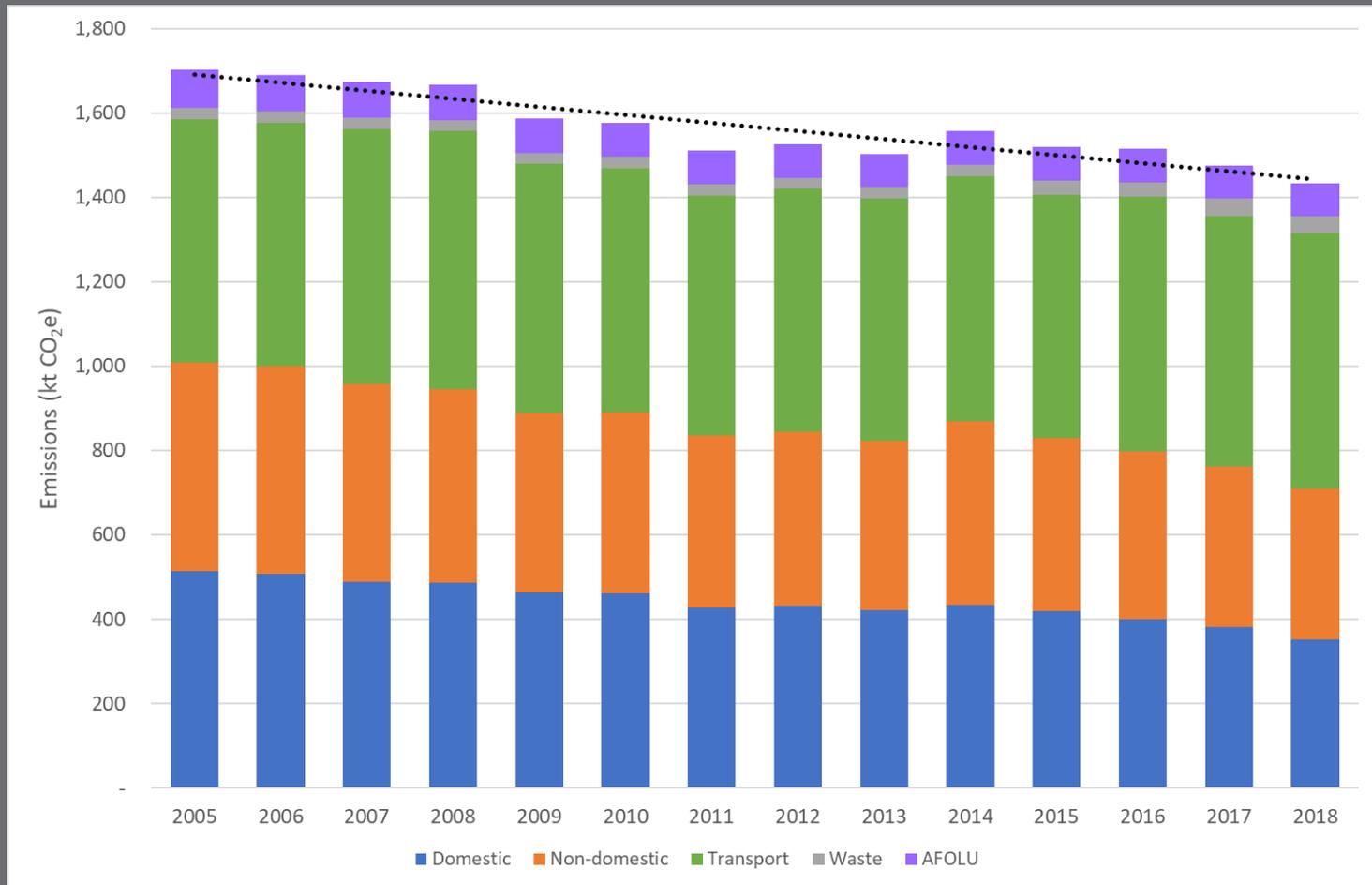


North Somerset Area Emissions - 2018

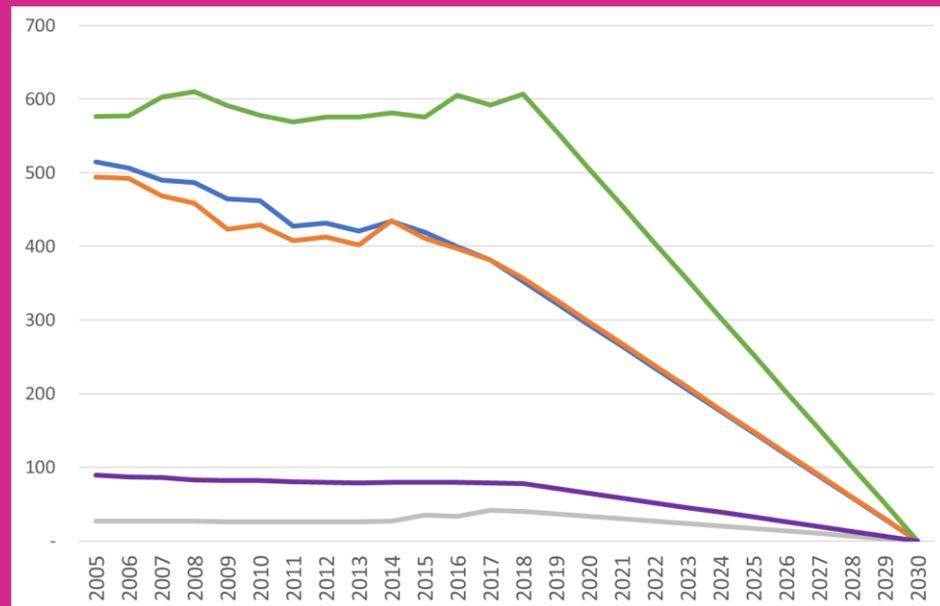
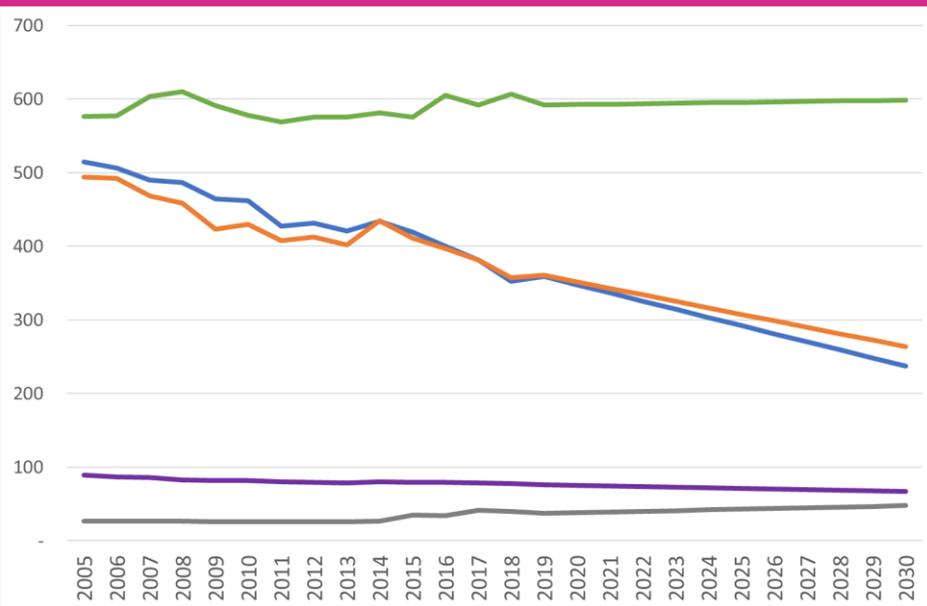


- Transport: 42%
- Domestic: 25%
- Non-domestic: 25%
- Agriculture, Forestry, Land use: 5%
- Waste: 3%

North Somerset Area Emissions – over time

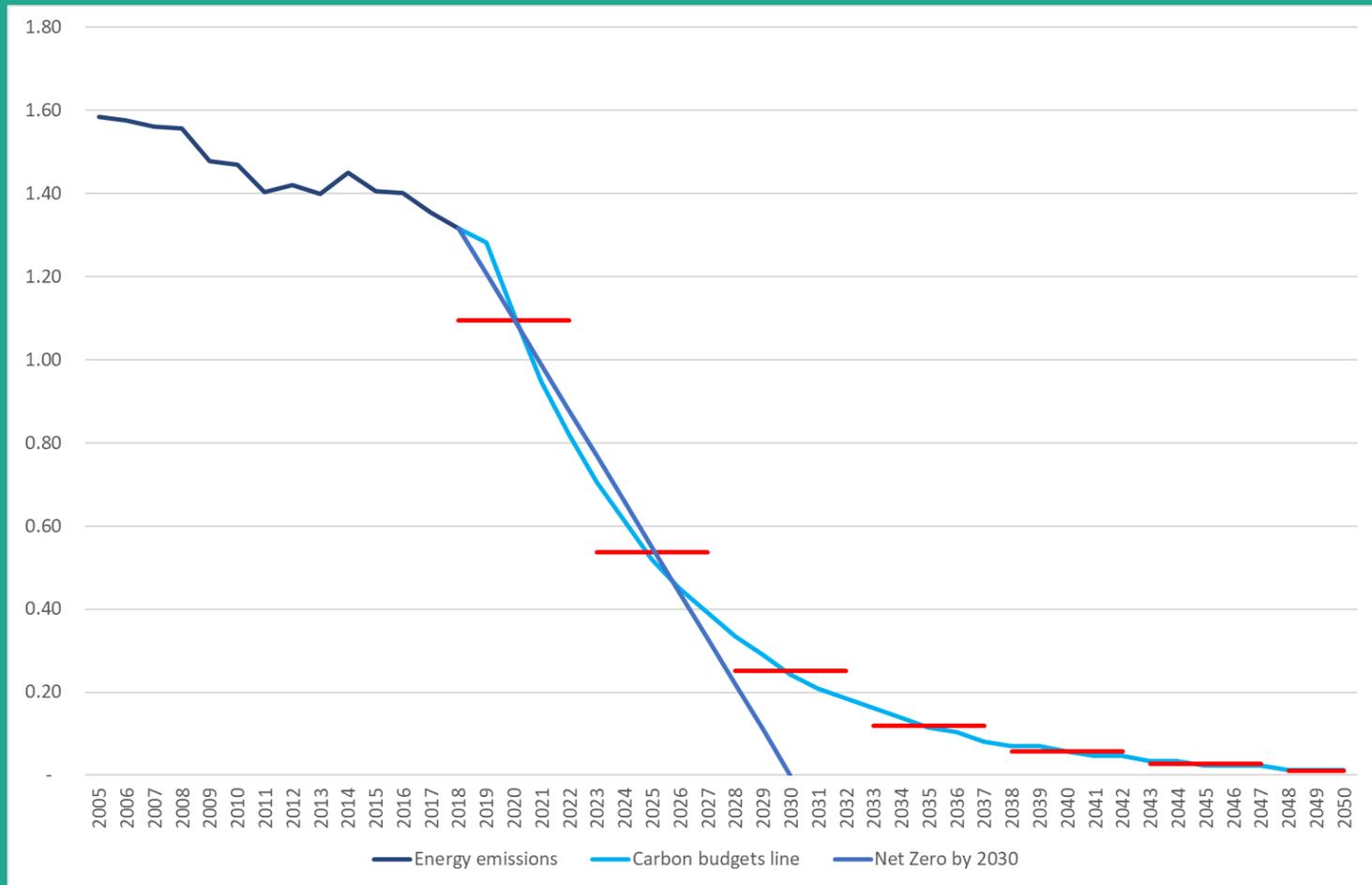


What does Net Zero look like?



— Domestic — Non-domestic — Transport — Waste — AFOLU

What does Net Zero look like?



Priorities

- Communications / engagement / awareness raising
- Transport
- NSC own estate and operations
- Policy – Local Plan, carbon proofed strategies

Useful information

- LGA Carbon Accounting Tool: <https://localpartnerships.org.uk/greenhouse-gas-accounting-tool/>
- BEIS GHG Conversion Factors: <https://www.gov.uk/government/publications/greenhouse-gas-reporting-conversion-factors-2020>
- BEIS Domestic Energy Maps: www.domesticenergymap.uk
- Frome Zero Carbon Tool: <http://www.frometowncouncil.gov.uk/wp-content/uploads/2018/08/Zero-carbon-spreadsheet-tool-version-7-31-07-2018.xlsx>
- LGA Briefing: <https://www.climateemergency.uk/blog/lga-briefing-pack-resilient-communities/>

Questions

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