



Rachel Hay

Lead analyst – buildings,
The Committee on
Climate Change



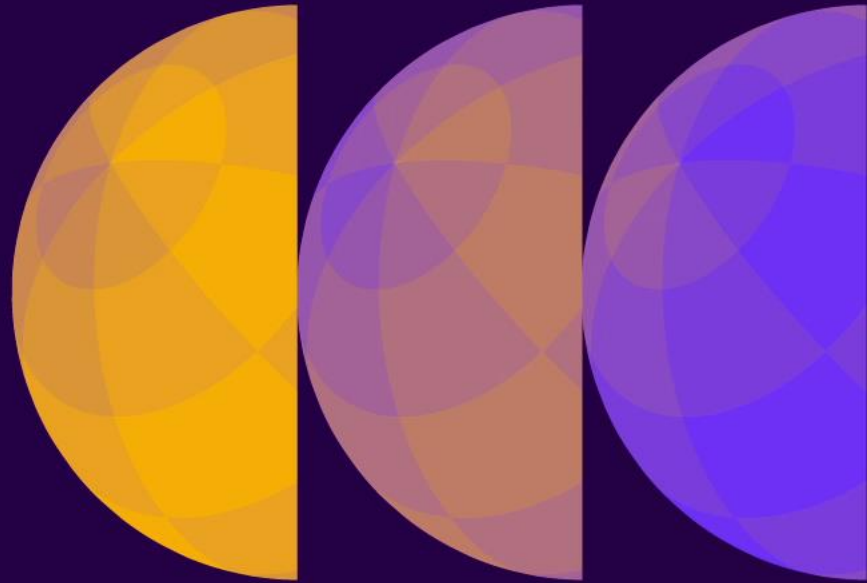
Rachel Hayes

Associate director,
Regen



**ReWiRE Issues at the
cutting edge of the
energy transition:
Climate Change
Committee's Progress
Report to Parliament
2021**

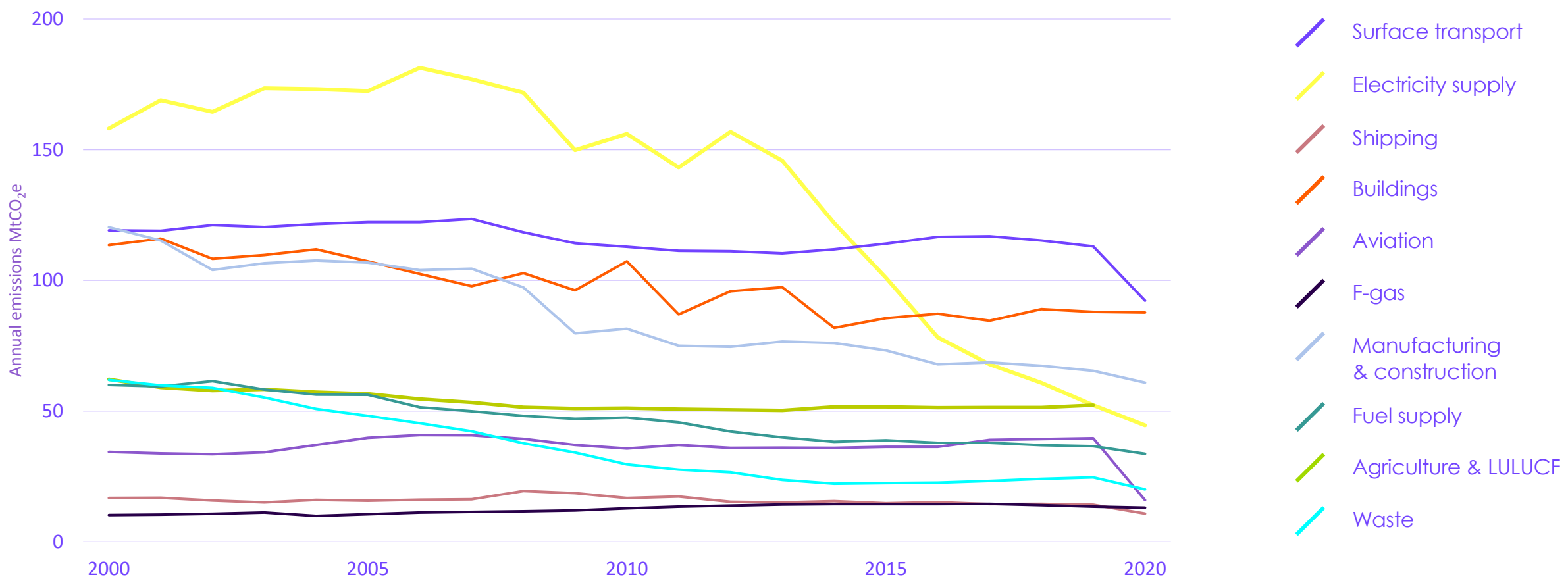




Climate
Change
Committee

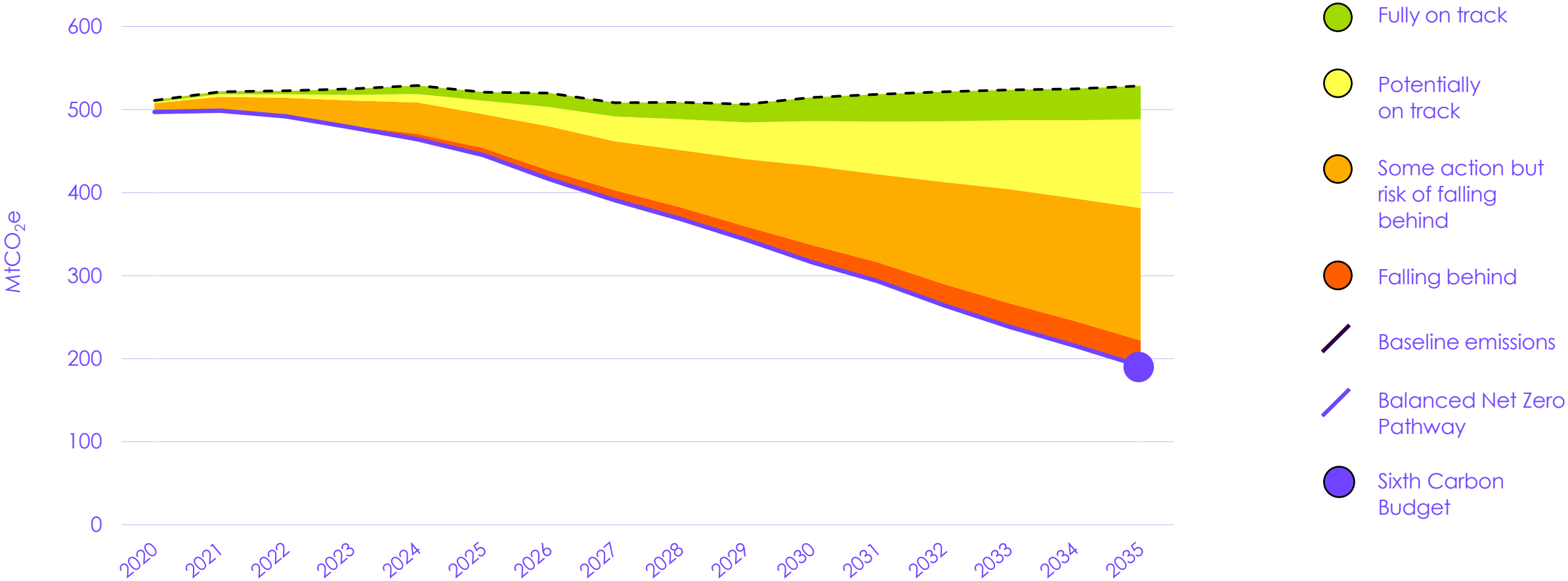
UK emissions in 2020

A record annual fall in UK emissions



Government ambition

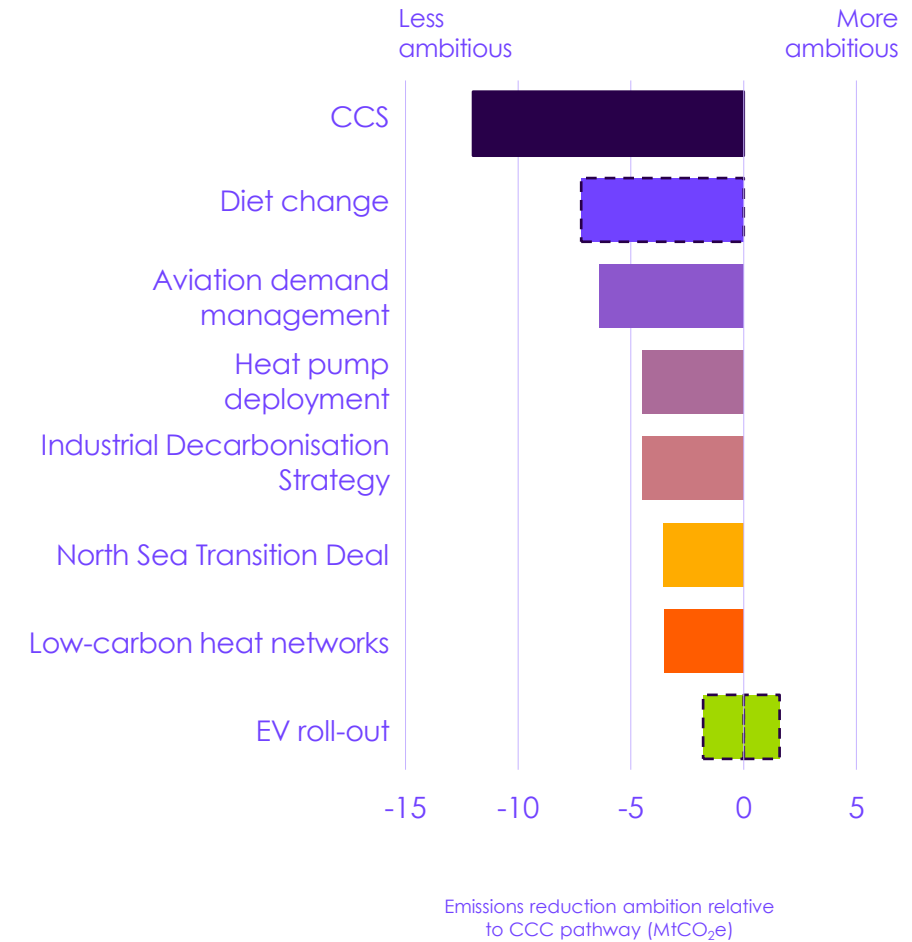
Do Government commitments put us on track to meet the Sixth Carbon Budget?



Government ambition

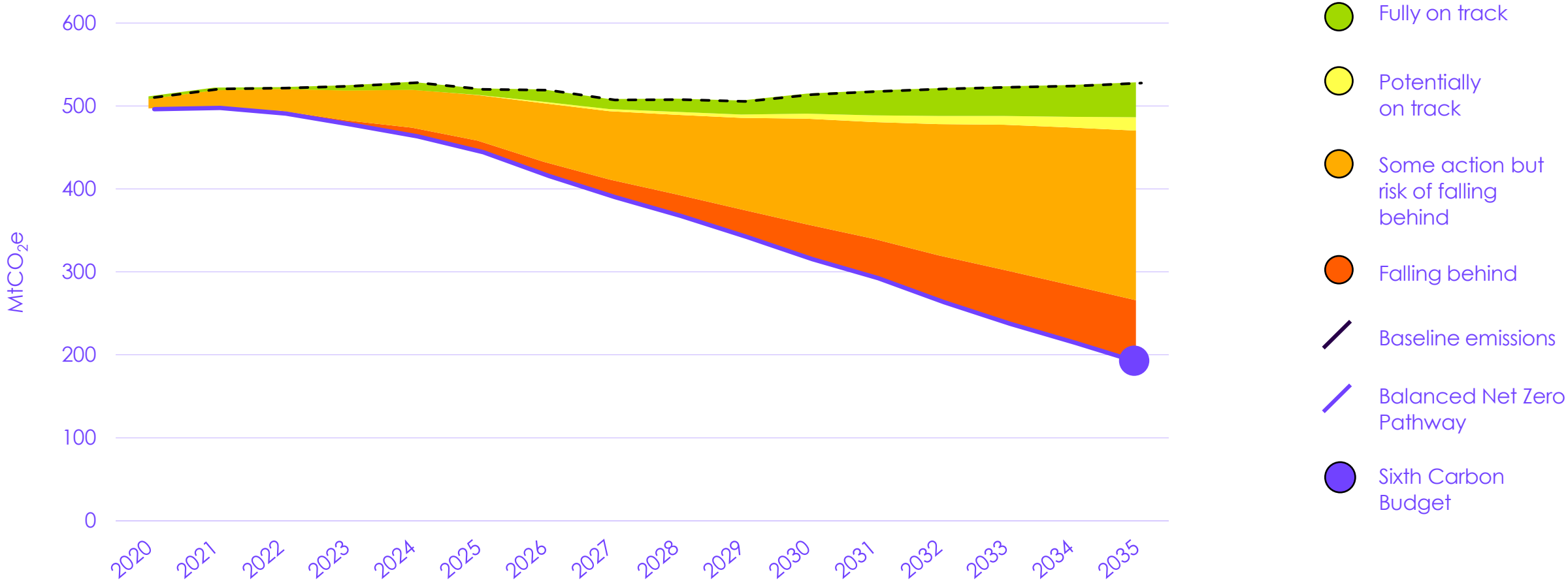
Where Government announcements do not match the CCC pathway, they are generally less ambitious

Headline actions	Government commitment	CCC pathway
Offshore wind	40 GW by 2030	40 GW by 2030
Electric vehicles	Phase-out new fossil fuel vehicle sales by 2030, except some hybrids to 2035	Phase-out new fossil fuel vehicle sales by 2032
Heat pumps in homes	600,000 installations / year by 2028	900,000 installations / year by 2028, 1.1 million by 2030
Low-carbon heat networks (all buildings)	2 TWh by 2030	25 TWh by 2030
Low-carbon hydrogen	5 GW (up to 42 TWh) by 2030	30 TWh by 2030
Carbon Capture and Storage	10 MtCO ₂ /year by 2030, at four industrial clusters, and at least one power project	22 MtCO ₂ /year by 2030, at least five industrial clusters and multiple power projects
Manufacturing and refining emissions	Fall by two-thirds from 2018 to 2035	Fall by 73% from 2018 to 2035
Tree-planting	30,000 hectares / year by 2025	30,000 hectares / year by 2025 50,000 hectares / year by 2035
Peatland restoration	32,700 hectares / year by 2025	67,000 hectares / year by 2025
Greenhouse gas removals	Innovation support, but no firm commitment on deployment yet	5 MtCO ₂ /year by 2030
Nuclear power	Final Investment Decision on at least one new nuclear power plant by the end of this Parliament	One new nuclear plant operational by 2030, and a further plant by 2035



Policy

Is ambition reflected in policy yet?



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regen 
transforming energy

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Find out more: [regen.co.uk](https://www.regen.co.uk)