



Department for
Energy Security
& Net Zero

Lord Callanan
Minister for Energy Efficiency and
Green Finance

**Department for Energy Security
and Net Zero**
1 Victoria Street
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Philip Dunne MP
Environmental Audit Committee, Chair
House of Commons
London
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2 June 2023

Dear Philip,

I am writing following the Environmental Audit Committee session on 18 May 2023.

I would like to first answer Claudia Webbes' question about investment roadmaps and when the Government plans to publish them. I confirmed that I would write to the Committee on the timetable for those future publications and with copies of those already published.

The Government published new net zero investment roadmaps on offshore wind, and heat pumps, and updated previously published investor roadmaps on carbon capture storage and usage (CCUS), as well as hydrogen, in March and April this year. The Committee can find published copies of these roadmaps at in the following links:

- <https://www.gov.uk/government/publications/offshore-wind-net-zero-investment-roadmap> for the Offshore wind investment roadmap,
- <https://www.gov.uk/government/publications/hydrogen-net-zero-investment-roadmap>, for Hydrogen investment roadmap,
- <https://www.gov.uk/government/publications/heat-pump-net-zero-investment-roadmap> for the Heat pumps investment roadmap, and
- <https://www.gov.uk/government/publications/carbon-capture-usage-and-storage-net-zero-investment-roadmap> for the carbon capture storage and usage investment roadmap.

We plan to publish roadmaps on EVs, nature, automotives, nuclear, transport and heat networks this autumn to support the net zero transition.

I would also like to answer Christopher Chope's question about the assumption of population growth between now and 2030 and whether these are considered in our carbon budget targets.



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Population growth is accounted for as part of our baseline emissions projections, which help determine the effort required to meet our carbon targets. The Energy and Emissions Projections 2021-2040 (EEP) form the basis of the Carbon Budget Delivery Plan (CBDP) baseline, as outlined in the technical annex of the CBDP. The EEP uses key inputs such as assumptions on GDP growth, fuel prices and population growth.

Specifically, the EEP uses population projections based on the Office for National Statistics (ONS) publication: [2020-based Interim National Population Projections, published 12th January 2022](#). Population growth is assumed to be 0.4% p.a. out to 2024, falling to 0.3% p.a. from 2025 to 2028 and 0.2% p.a. from 2029 (note that the number of households is assumed to grow at a faster rate). The full list of economic/demographic assumptions are in the published [Annex M](#), of the EEP publications.

I hope you will find this information helpful.

Lord Callanan