



Committee on  
Climate Change

**Independent** advice to government  
on building a low-carbon economy  
and preparing for climate change

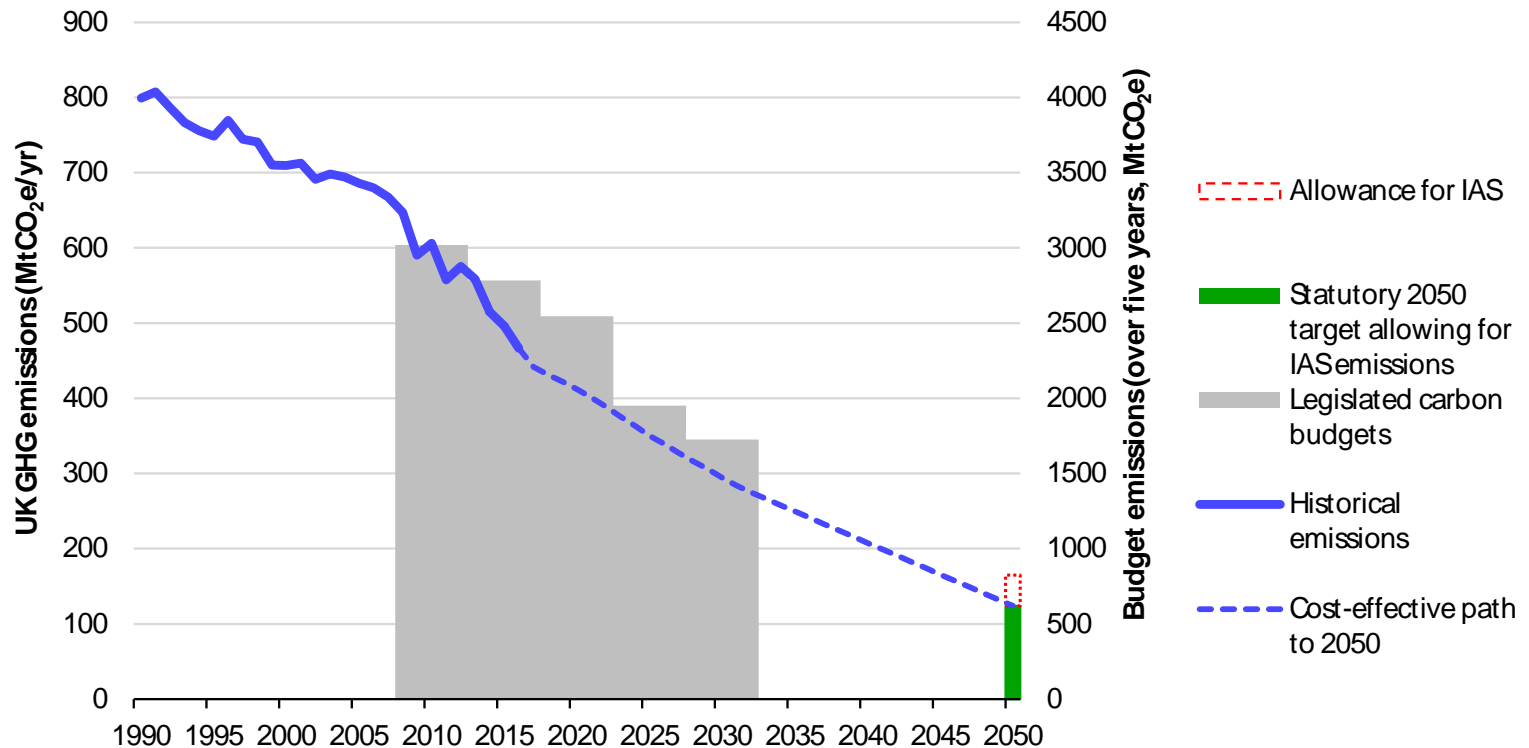
# Future travel demand – making better policies

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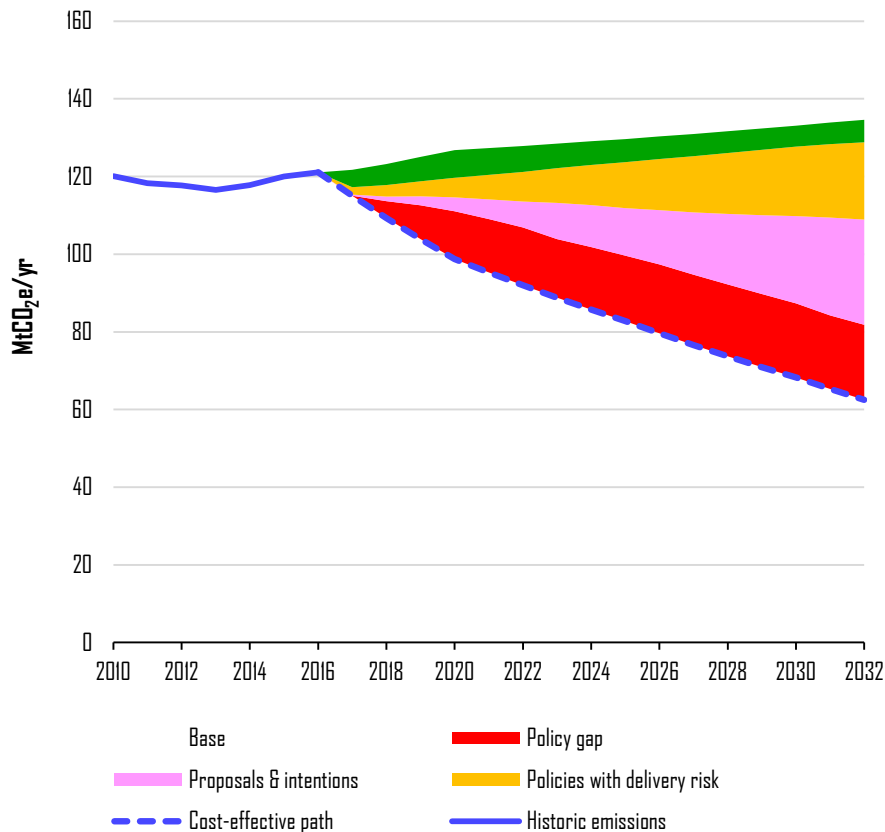
# Carbon budgets provide stepping stones to the 2050 target

## Carbon budgets and the cost-effective path to the 2050 target



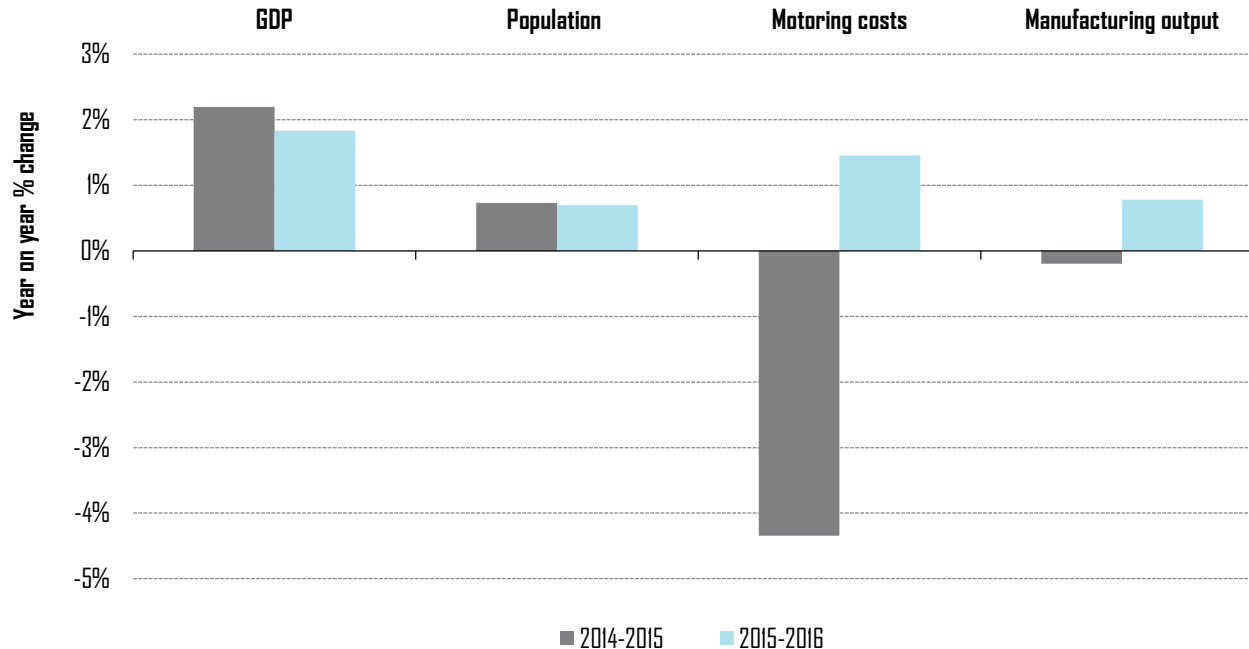
Carbon budgets require us to advise on a single number for carbon budgets.

# Our advice is based on a single demand scenario



- Our analysis of abatement measures in transport starts with DfT central scenario (scenario 1) for future transport demand.
- We then assess cost-effective abatement to create a central pathway for emissions.
- Our policy recommendations stem from this.

# Traditional models of travel demand no longer as relevant



- Traditional economic drivers of travel less able to explain recent trends (e.g. van demand)
- Need to build societal and transformational changes into modelling capability



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# Better policy needs to take account of a greater range of uncertainty

- The report highlights the range of possible demand futures
- We need to reflect these different scenarios in developing our advice
- Important to ensure that investment and other decisions are sensible in different futures
- How we do this is yet to be determined but could involve re-balancing demand side and technology options.



# We need to set a vision of what travel demand we want to see

- Demand is **not exogenous to policy**. We need to set out a vision of what demand we want to achieve.
- Local planning key - 98% of the road network and 2/3rds of all traffic is on roads managed by LAs.
- Local planners can be more innovative, bolder, quicker than central govt e.g congestion charge, cycle lanes, smarter travel. Role to drive national policy.
- Use demand reduction trends we are seeing as an opportunity to develop policies to sustain these. If not, risk these will be reversed.
- Important for carbon budgets as well as wider impacts: congestion, air quality, health and well-being.



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