



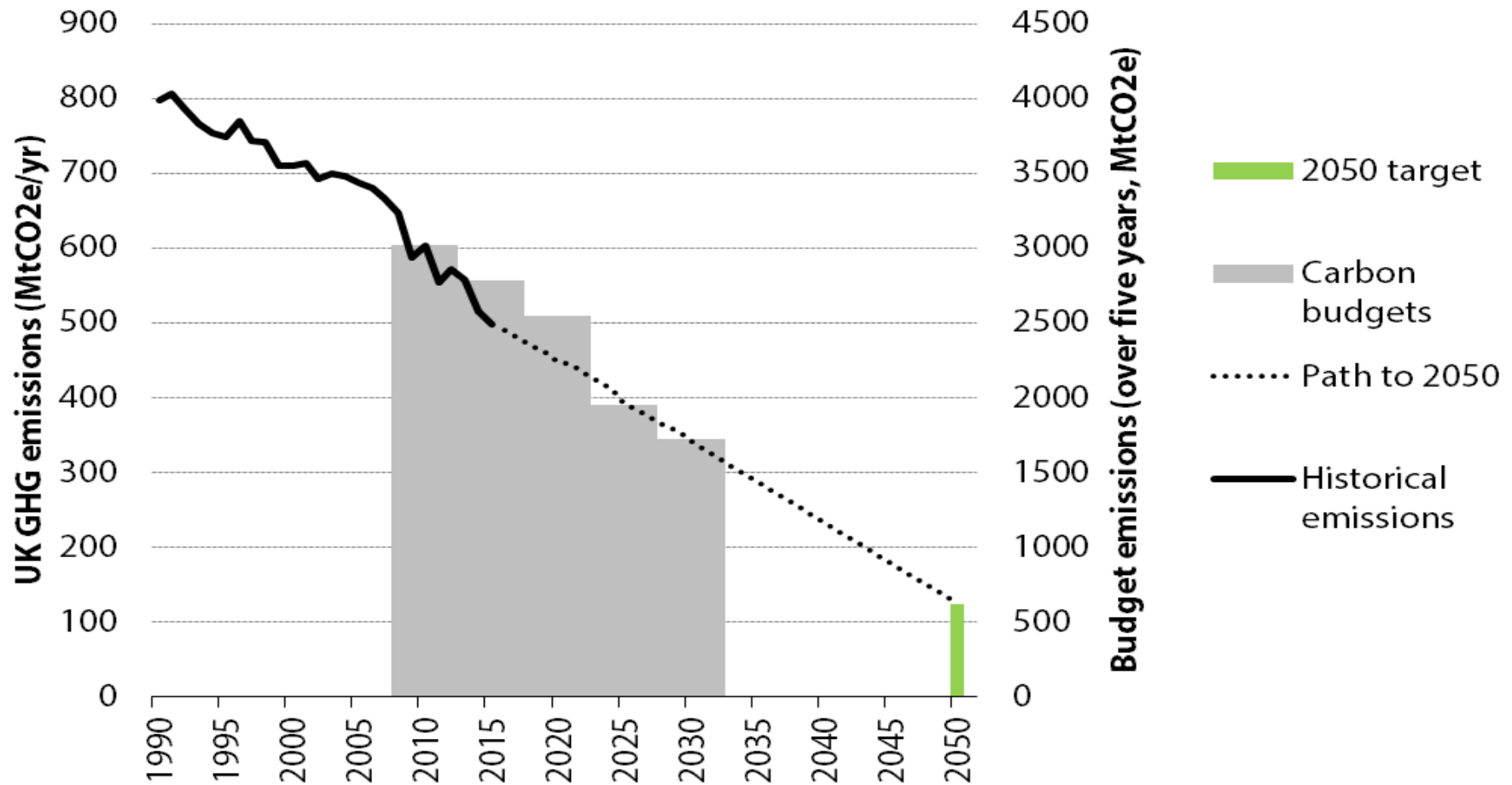
# Meeting carbon budgets: Closing the Policy Gap

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UK Committee on Climate Change

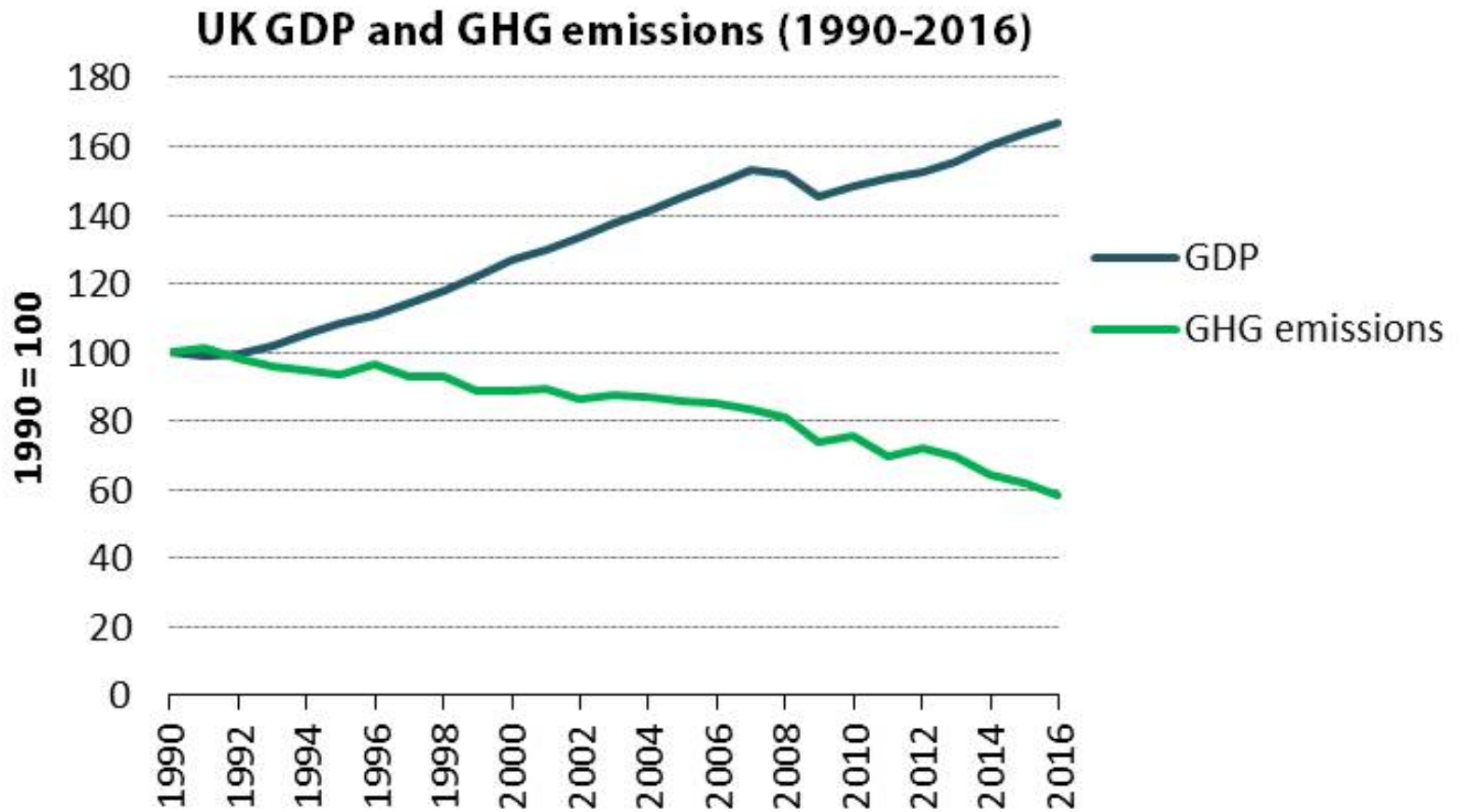
[www.theccc.org.uk](http://www.theccc.org.uk)

May 2017

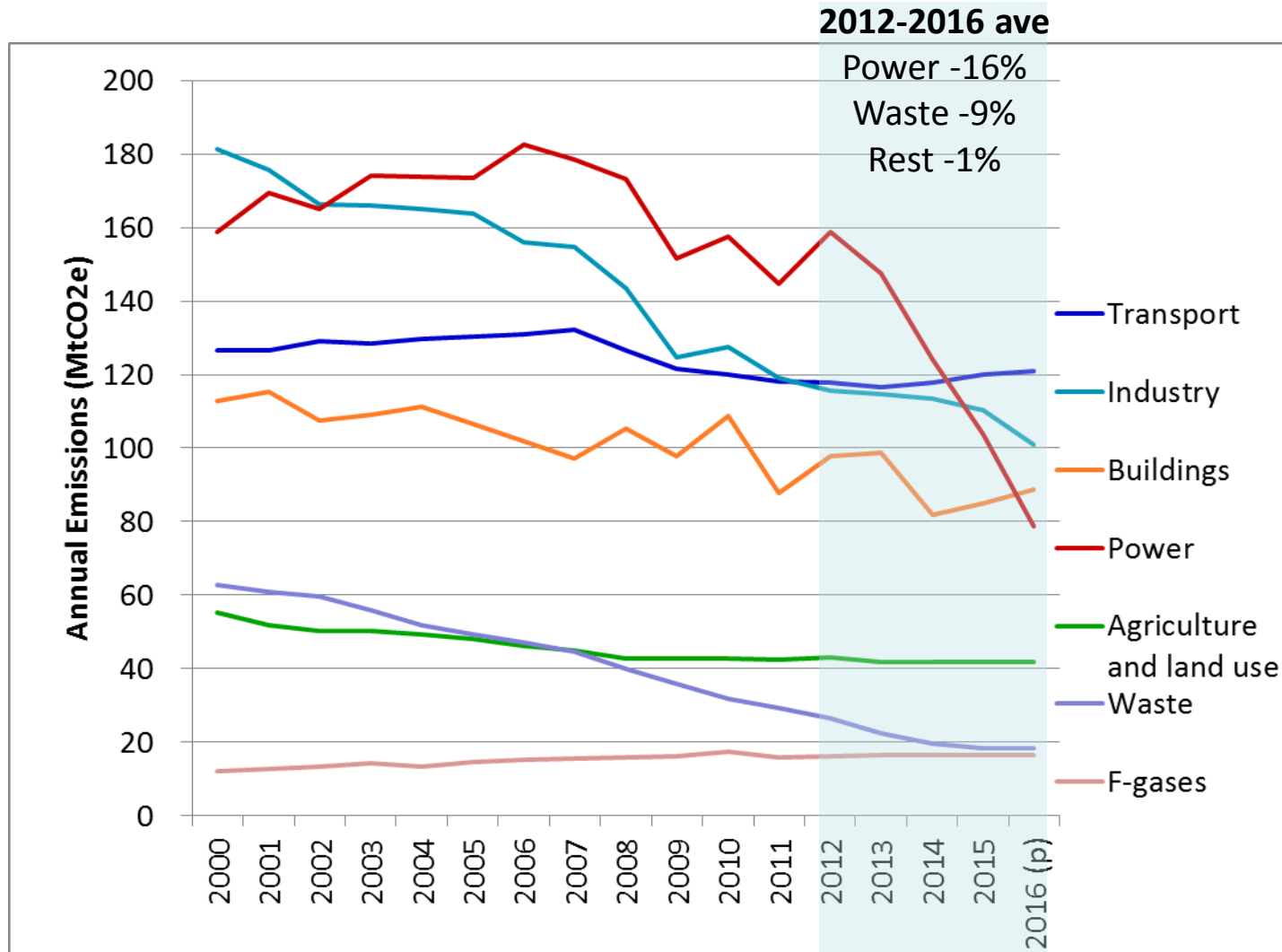
# The UK's carbon budgets set a steady path towards the long-term target



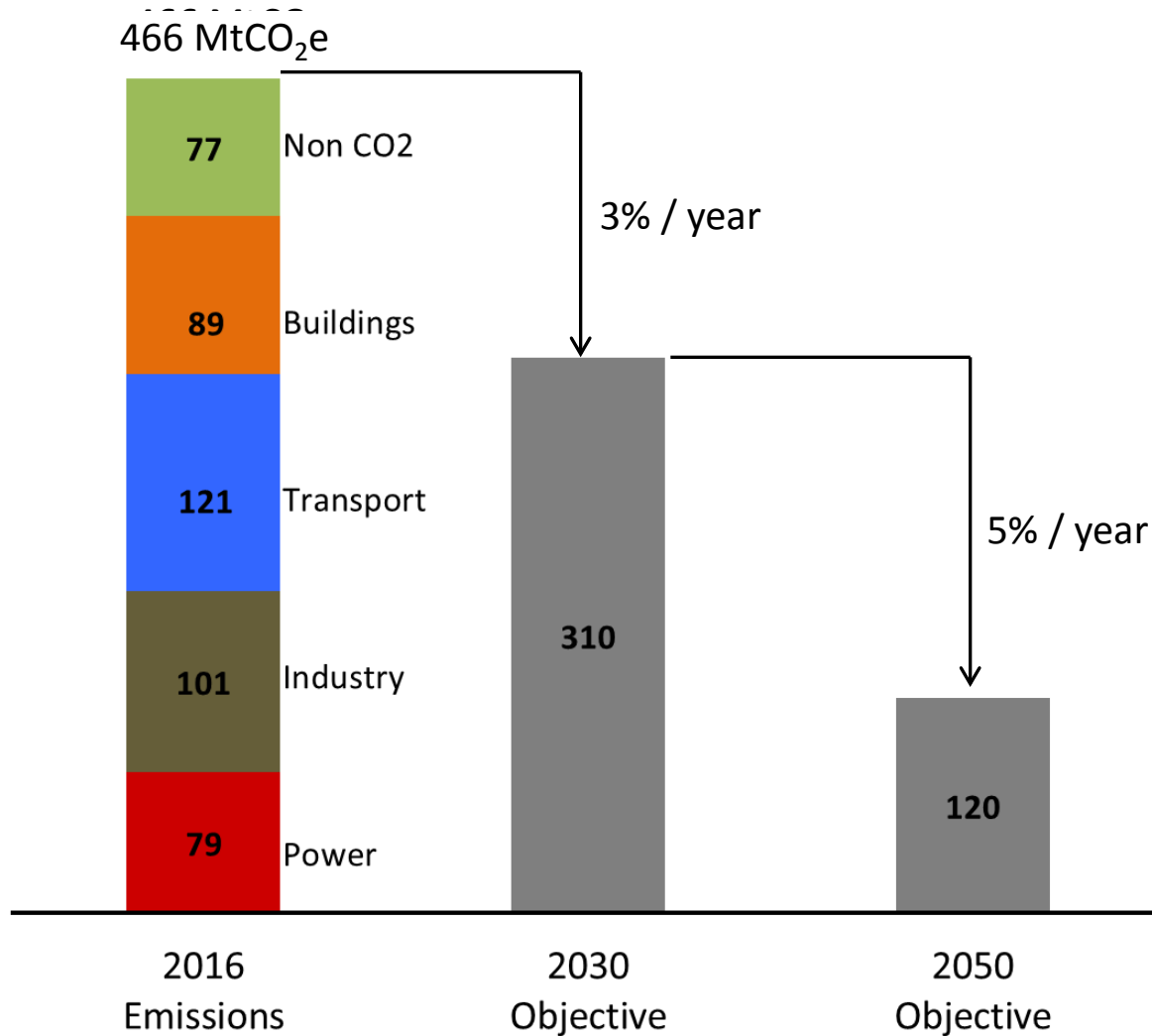
# The UK has succeeded in cutting emissions while growing the economy



# ...but recent strong progress has been dominated by the power sector

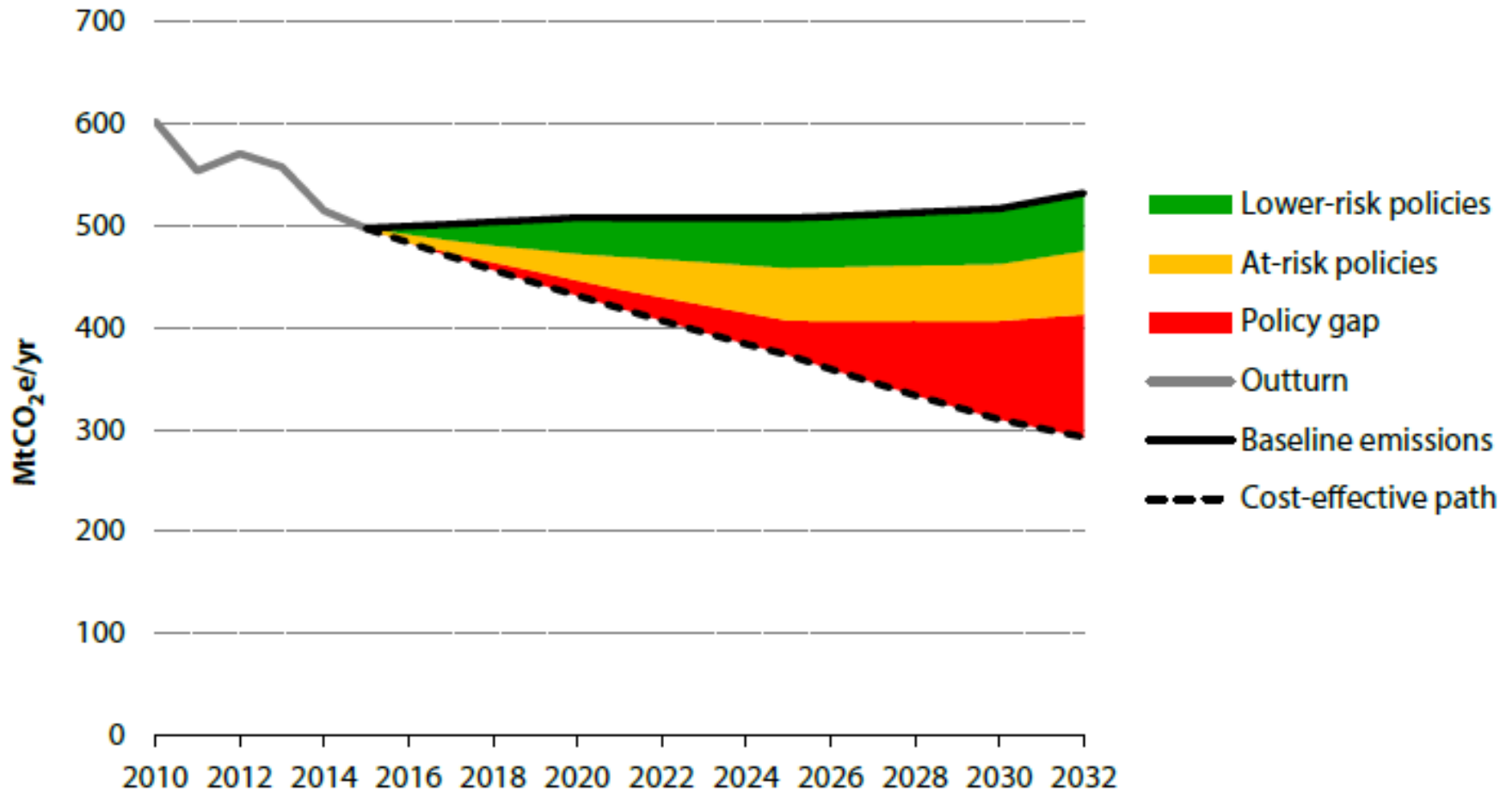


# In future, progress will be needed across the economy









**Notes:** 2050 target allows for emissions from international aviation and shipping, not currently in carbon budgets. 2030 objective is aligned to the legislated fifth carbon budget, adjusted for expected emissions trading

# Current policies would at best deliver around half of the required reduction in emissions



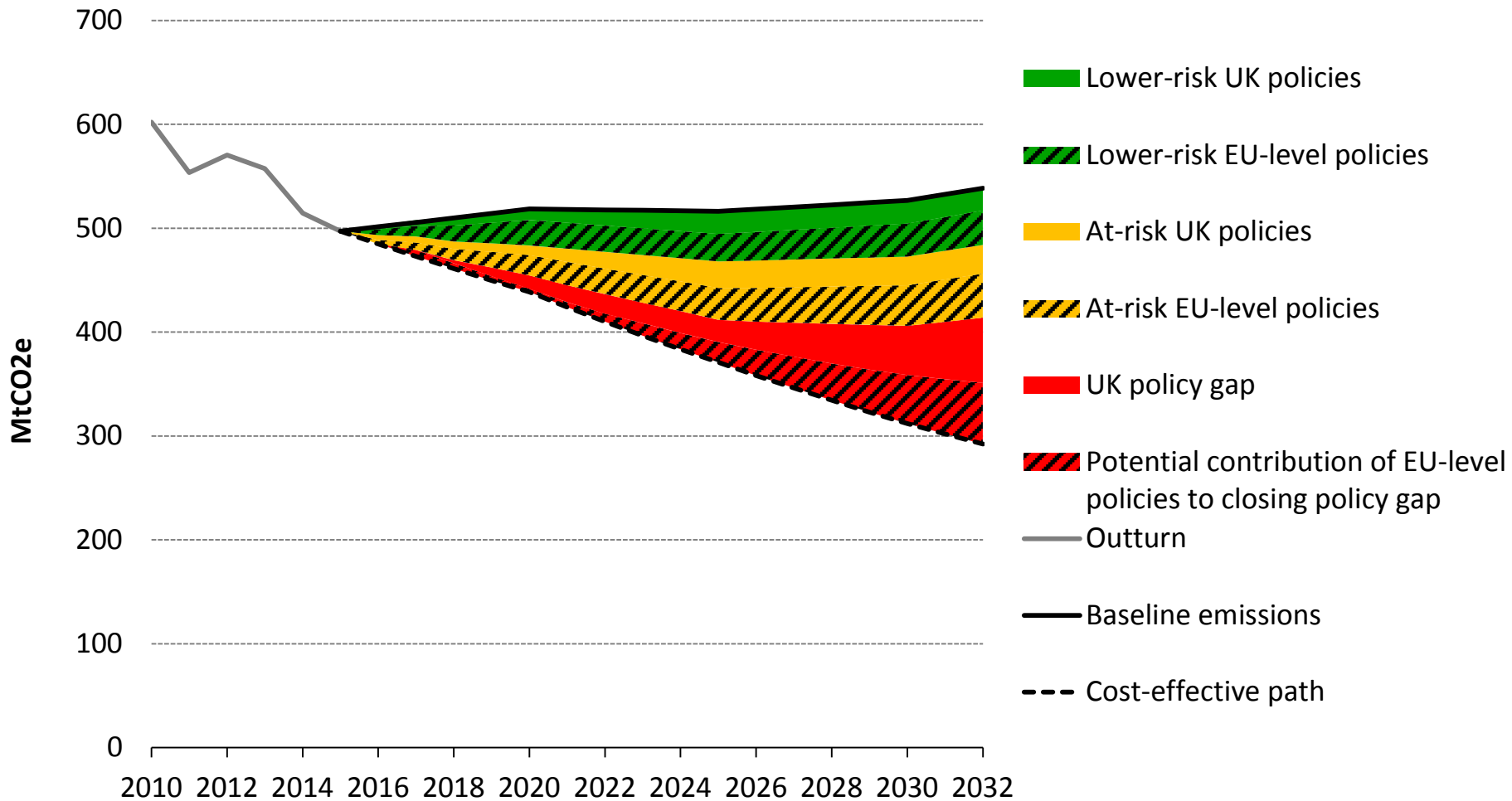
# The new Government must set out the expected contribution of different sectors and credible policy plans to deliver those



	2015 to 2030 37% reduction in total UK emissions				
	 <b>Power</b> -67%	 <b>Transport</b> -43%	 <b>Buildings</b> -22%	 <b>Industry</b> -23%	  <b>Other</b> -33%
<i>Low-risk policies</i>	2020 renewables Coal closure Offshore wind	Biofuels	Boiler Regs Building Regs	Products Policy Building Regs	Afforestation
<i>At-risk policies</i>	Hinkley	gCO <sub>2</sub> /km to 2020 EV support	ECO RHI	EU ETS, CCL RHI	Waste policy
<i>Policy gap</i>	<b>+100 TWh low-C</b> Flexibility <b>CCS strategy</b>	<b>g/km after 2020</b> HGVs Demand-side Aviation	New homes Energy Efficiency <b>2020s low-C heat</b> H <sub>2</sub> strategy	Roadmaps->Action 2020s low-C heat CCS strategy	F-gas regulation Agriculture

**Notes:** low-C= low-carbon; EV= electric vehicle; ECO=Energy Company Obligation; RHI=Renewable Heat Incentive; ETS=Emissions Trading System; CCL=Climate Change Levy; CCS=carbon capture & storage.

# The policy gap must be closed whatever the outcome of Brexit negotiations





- Excellent **progress** in power not matched by transport, buildings, industry, agriculture
- There is a large **policy gap** to meeting carbon budgets

- **Clean Growth Plan** very overdue, and must add up to meeting budgets
- **Brexit** does not change the goals, but means UK levers may need to do more

- **Policy priorities:**
  - Credible CCS strategy
  - Low-carbon power plans for  $\sim +150\text{TWh}$  in 2020s
  - Electric vehicle support alongside 2030 g/km standards
  - E.g. White Paper on heating and energy efficiency
- A Plan that adds up!