

# Fit for the future?

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c4g



# A changing world

- climate change
- health / well-being
- recession



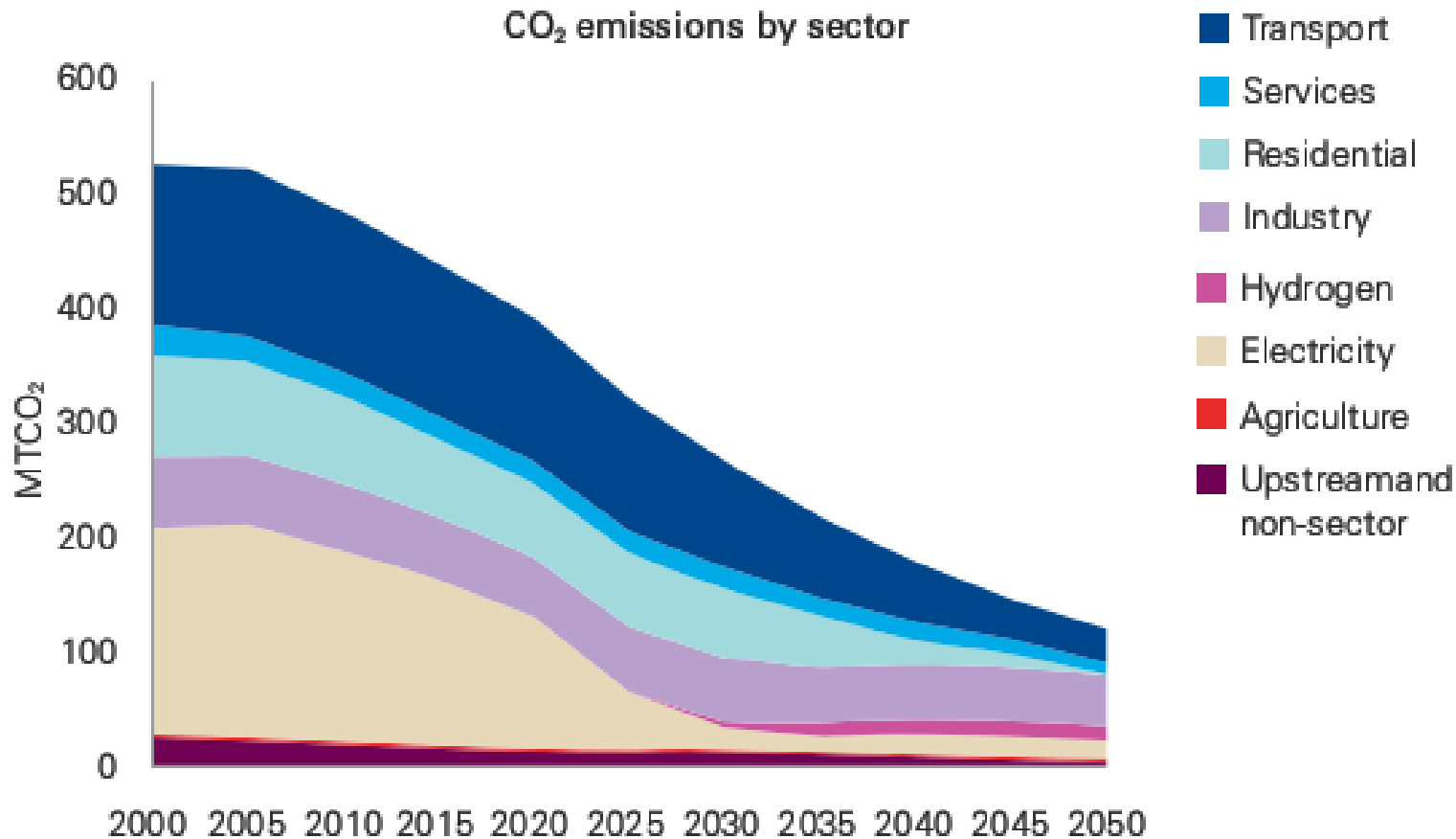
# Climate change

- environmental / landscape change
- agriculture
- renewables
  
- functional sustainability
  - communities
  - economies
  - visitors



# UK emissions reductions

One scenario for UK sectoral CO<sub>2</sub> emissions to 2050 on an 80% CO<sub>2</sub> emissions reduction path



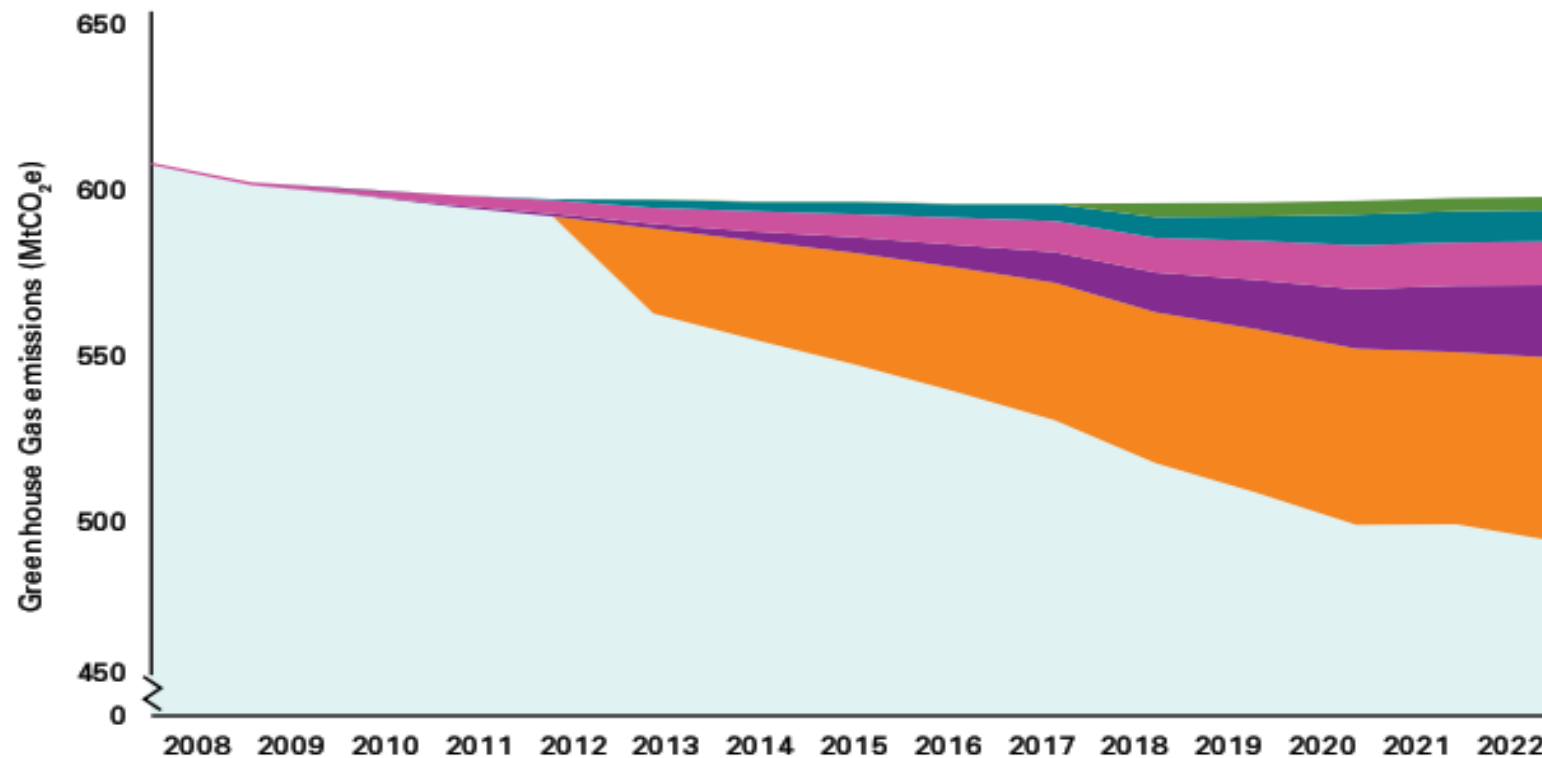
Source: MARKAL (2008)



# Current budgets

Chart 1

The plan will reduce emissions in every sector



- Power and heavy industry
- Transport
- Homes and communities
- Workplaces and jobs
- Farming, land and waste

Source: Department of Energy and Climate Change

Note: The impact of policies prior to the 2007 Energy White Paper is included in the baseline; without these policies, UK emissions would be higher.



# End user emissions (REAP)

	GHG Footprint (tonnes CO2eq/capita)
Powys	16.59
<b>UK</b>	<b>16.34</b>
Gwynedd	16.20
Pembrokeshire	16.15
Cardiff	15.76
<b>Wales</b>	<b>15.66</b>
Merthyr Tydfil	14.73
Blaenau Gwent	14.38
<b>South East</b>	<b>17.28</b>
<b>London</b>	<b>16.55</b>
Chiltern	19.17



# Transport...

- commuting
- accessing services
- leisure
- bringing goods and energy in
- visitors
- will become *impossible* over the next two decades



# Re-localisation

- more functionally self-sufficient communities
- homes
- jobs
- services
- food
  
- visitors?



# National Parks

- leaders?
- 20% of Wales
- in rural sustainability?
- how?
- TAN6?