



CENTRE FOR RESEARCH INTO
ENERGY DEMAND SOLUTIONS

Evidence from the UK: The Positive Low Energy Futures Study

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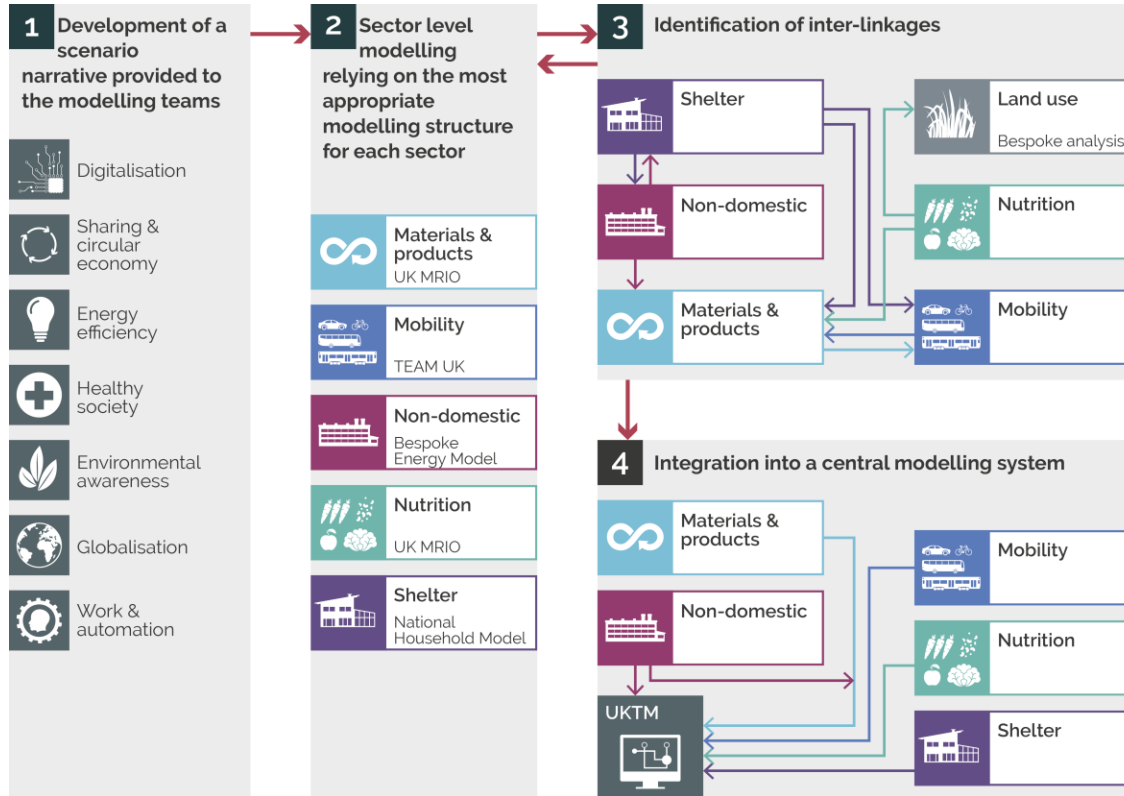
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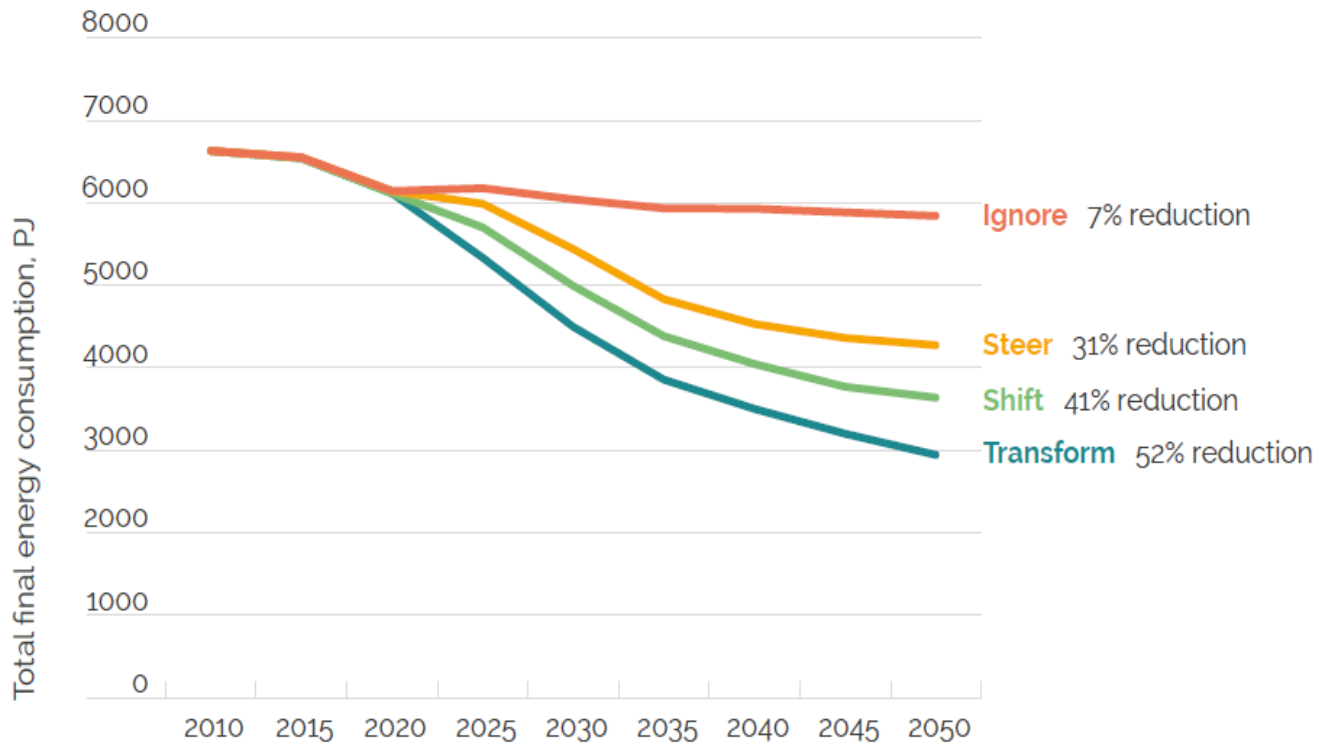


Find out more at
low.energy.creds.ac.uk

Our approach to modelling energy demand



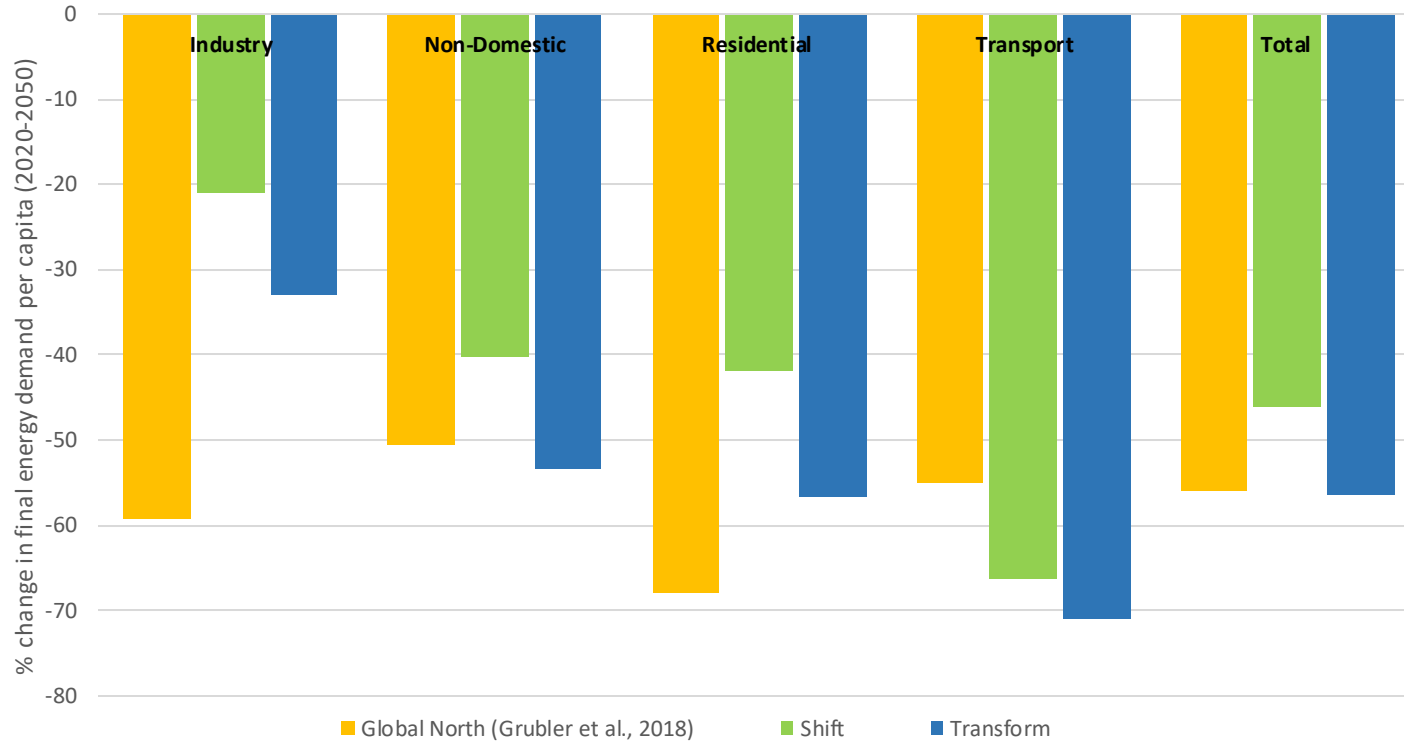
Reducing the UK's energy demand



Reductions are possible and required in every sector



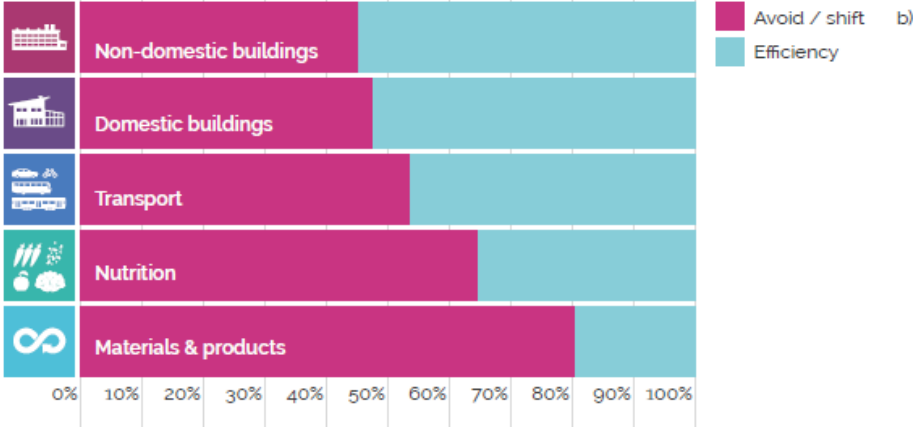
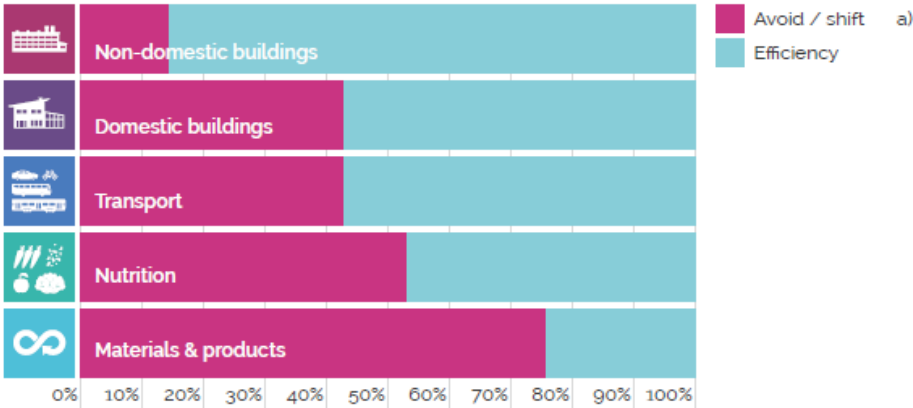
Are these reductions consistent with international estimates?



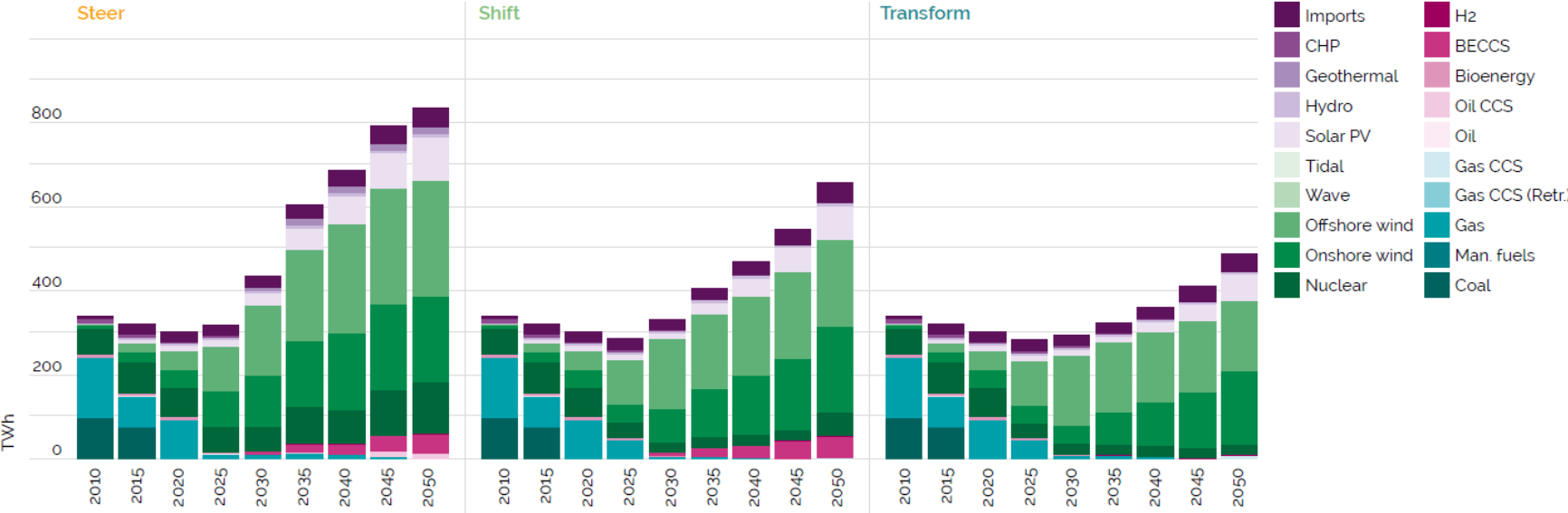
Securing net-zero emissions will require ambitious energy demand reductions



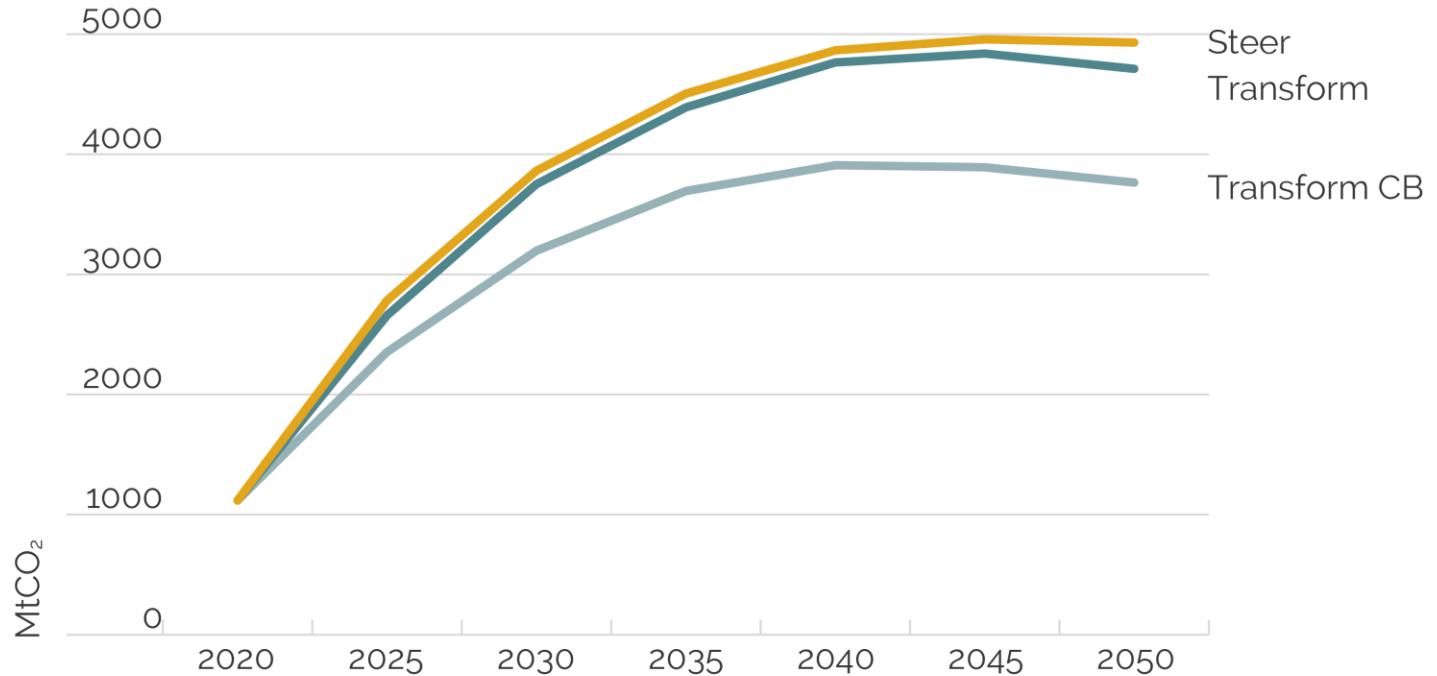
A role for efficiency and social innovations



We can reduce the scale of change needed in the electricity system



Lowering energy demand makes increase climate ambition possible



Need for a comprehensive energy demand plans to be developed at national levels

Why?

- Essential to meet climate targets
- De risks mitigation pathways by relying less on unproven CDR technologies
- Reduces investment required in the energy system
- Allows the UK to increase climate ambition

More information and data
available from:

<https://low-energy.creds.ac.uk>