



LTES Forum Day 3

10th of June 2021



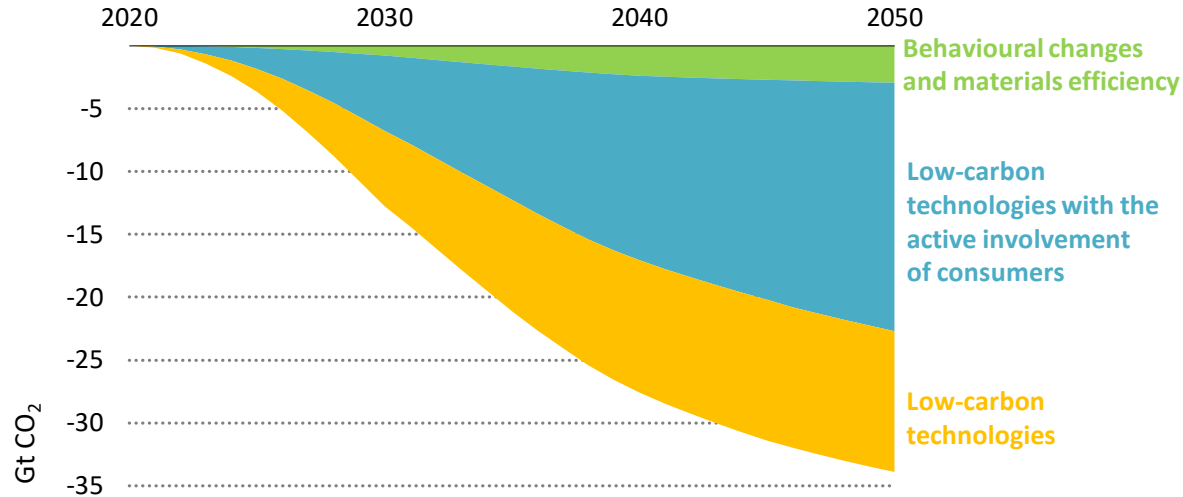
Behavioural changes to reach net zero by 2050

Daniel Crow

10th of June 2021

The IEA's roadmap to net zero by 2050

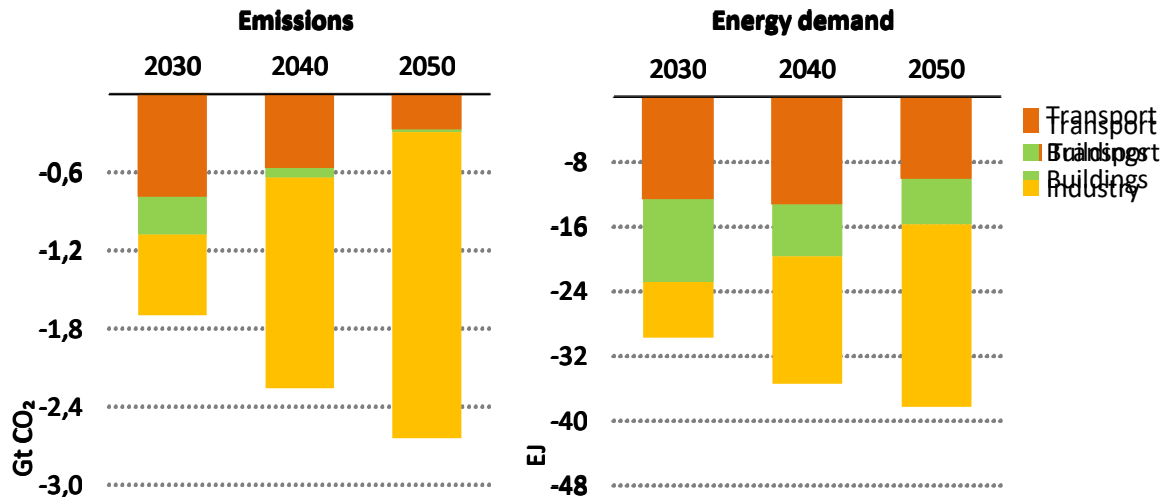
The role of technologies and people in reducing emissions in the Net Zero by 2050 Roadmap (NZE)



Around 55% of emissions reductions require a mixture of low-carbon technologies combined with the active participation of citizens and consumers

The role of behavioural changes in NZE

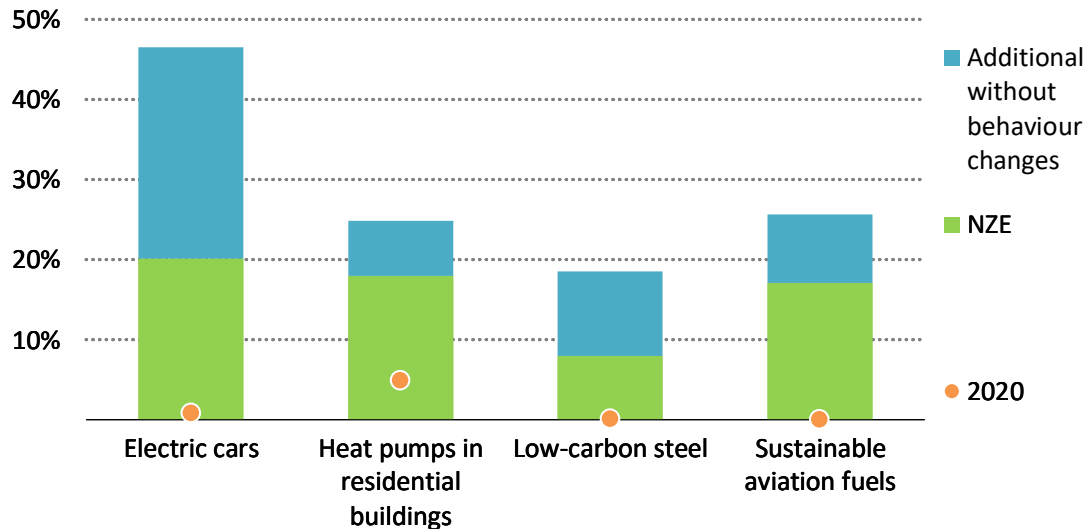
Behavioural changes and materials efficiency reduce emissions and energy demand in NZE in sectors where other options are scarce



Emissions savings persist over time in sectors which are hard to decarbonise; energy savings persist over time in all sectors

Can we get to net zero by 2050 without behavioural changes?

Share of low-carbon technologies and fuels in end uses with and without behavioural changes in 2030



The absence of behavioural changes would put further pressure on the already unprecedented ramp-up in low carbon technologies over the next 10 years

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