ADVANCED ENGINEERING















2 & 3 November 2022 | NEC, Birmingham

The road to net zero

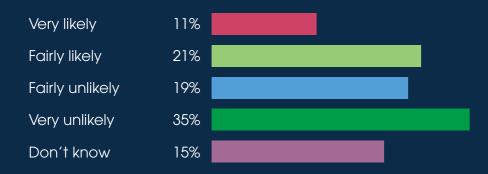
Advanced Engineering Trend Report



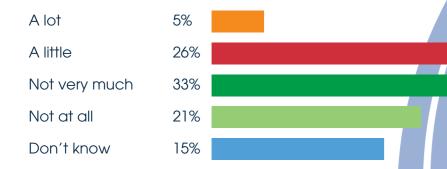
Barriers to EV adoption in the UK on the road to net-zero

Based on a 2022 survey of over 2,000 members of GB adults (18+), Advanced Engineering looks at the primary barriers to EV adoption in the UK.

How likely or unlikely is it that you will own an electric vehicle in 8 years time?



To what extent, if at all, do you trust the range claims of existing electric vehicles?



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"Electric vehicle charging points will provide a comparable level of ease and service to the existing petrol stations"

Strongly agree 6%

Tend to agree 17%

Neither agree nor disagree 19%

Tend to disagree 24%

Strongly disagree 21%

Don't know 14%

Top 5 reasons to be put off buying an EV



Too expensive to purchase



Lack of access to charging points



Concerns over range



Time consuming to charge



Too expensive to run and maintain

How likely or unlikely would you be to take up the offer of a like-for-like electric model of your current vehicle?



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The UK Government has set sustainability goals to achieve by 2030... Would you say that the UK is currently on track to meet these 2030 sustainability goals?



"Only six per cent of our respondents think that the UK is on track to meet its 2030 sustainability goals, while EVs are only one tenth of the overall strategy, it is a key point that will impact most of the population of the UK in eight years' time."

"In order to facilitate a smooth transition to electric vehicles, charging points in the UK will need provide a comparable level of ease to existing petrol stations — something that only 22 per cent of people agree will be provided — as well as being able to withstand the charging demands of an estimated 8-11 million electric vehicles on the roads by 2030."

Aleiya Lonsdale, Head of Event, Advanced Engineering

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