



Public attitudes towards electric vehicles: 2016 (Revised)



Attitudes to electric cars and vans, all respondents

I am thinking about buying an electric car or van



I thought about buying one, but decided not to at this stage



I haven't really thought about buying an electric car or van 66%

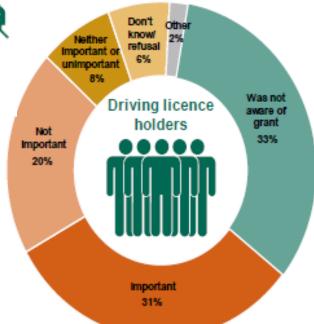
Other

24%

Knowledge of and attitude towards Government Grant (drivers only)



Of those who hadn't really thought about buying an electric vehicle 40% reported that they were not aware of the grant.





GO ULTRA LOW EV PERCEPTIONS STUDY: BASELINE





CHARGE POINTS

84.4% of respondents had used, seen or heard about MK's public charge point network with only 16% unaware.



CURRENT OWNERSHIP

18.4% of respondents said that they already owned or leased an electric car. 27% answered that they had never thought about leasing / buying an EV compared to 55% nationally.



thinking about an EV soon and 20.6% said they were thinking about it but weren't sure when Compared to 5% nationally







WHY NOT?

Of the 23% of people who said that they had thought about buying but decided not to, their reasons were: It wouldn't suit their needs and the cars were too expensive.

BARRIERS

1 Range

EV EXPERIENCE

70% of respondents have never driven an electric car showing that despite the open attitude to EV, there is still a huge potential to get more people into EVs for the first time.



2

Cost



BUSINESS USE

78% said that they did not have electric cars as part of their pool or fleet at work.

3 Recharging





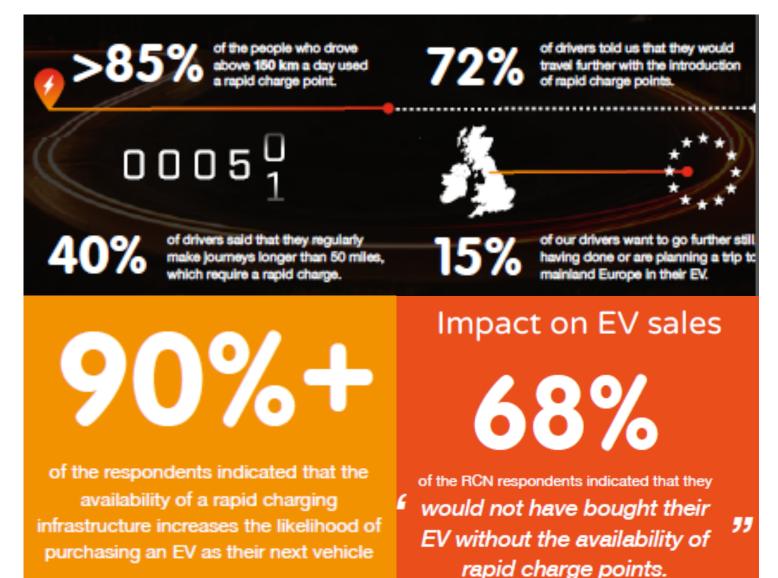
www.goultralowmk.com



Range









Recharging



What drivers want for the future



reliable charge points at each location



24/7 availability



a reliable communications connection to start a charge



no ICE vehicles blocking the charge points



real time information on charge point availability



an increase in the number of charge points per site



a maximum stay time introduced on the charge point.

Going green

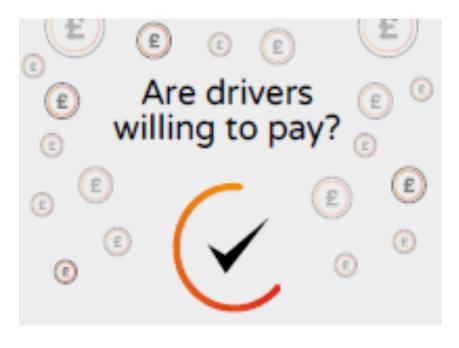
78%

of drivers said that it was important that their charge comes from green energy.



Cost





65% of drivers would be willing To pay to use rapid points



If they do, drivers would prefer to pay by energy used

Learning from Norwegian Battery Electric and Plug-in Hybrid Vehicle users

Results from a survey of vehicle owners



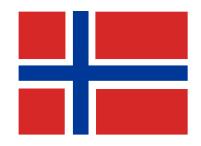
Is Cost a problem?

Cheaper purchase than ICE

Incentive savings
€1,500
/year

Resale Value comfort





Is Range a problem?

Is Recharging a problem?



Trip confidence

Word of mouth promotion



What are EV drivers saying now?

"Silent, smooth & comfortable" "This is the future of driving"

"Long distance trips ARE realistic"

"We're never going back"

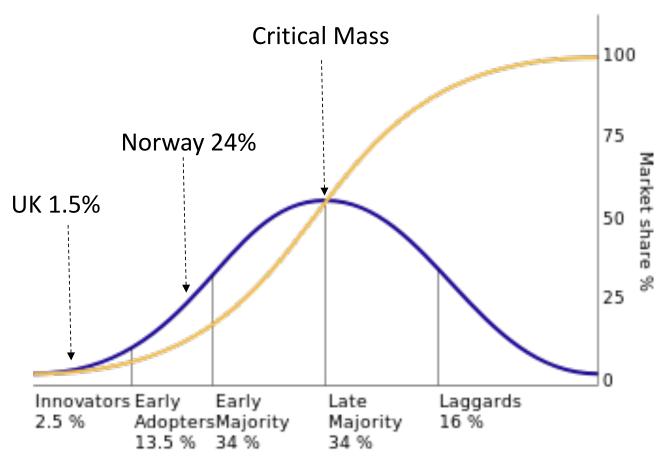
"40 kW = 150 miles is GREAT"

"More 7 seaters please"

"Press negativity is dangerous" "Bring on more range"



Diffusion of EV



Rogers (1962)



More choice

More range

More chargers





Thanks for listening

Josey Wardle

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