

Commercial EV Fleet Trial Report

Emer Barry

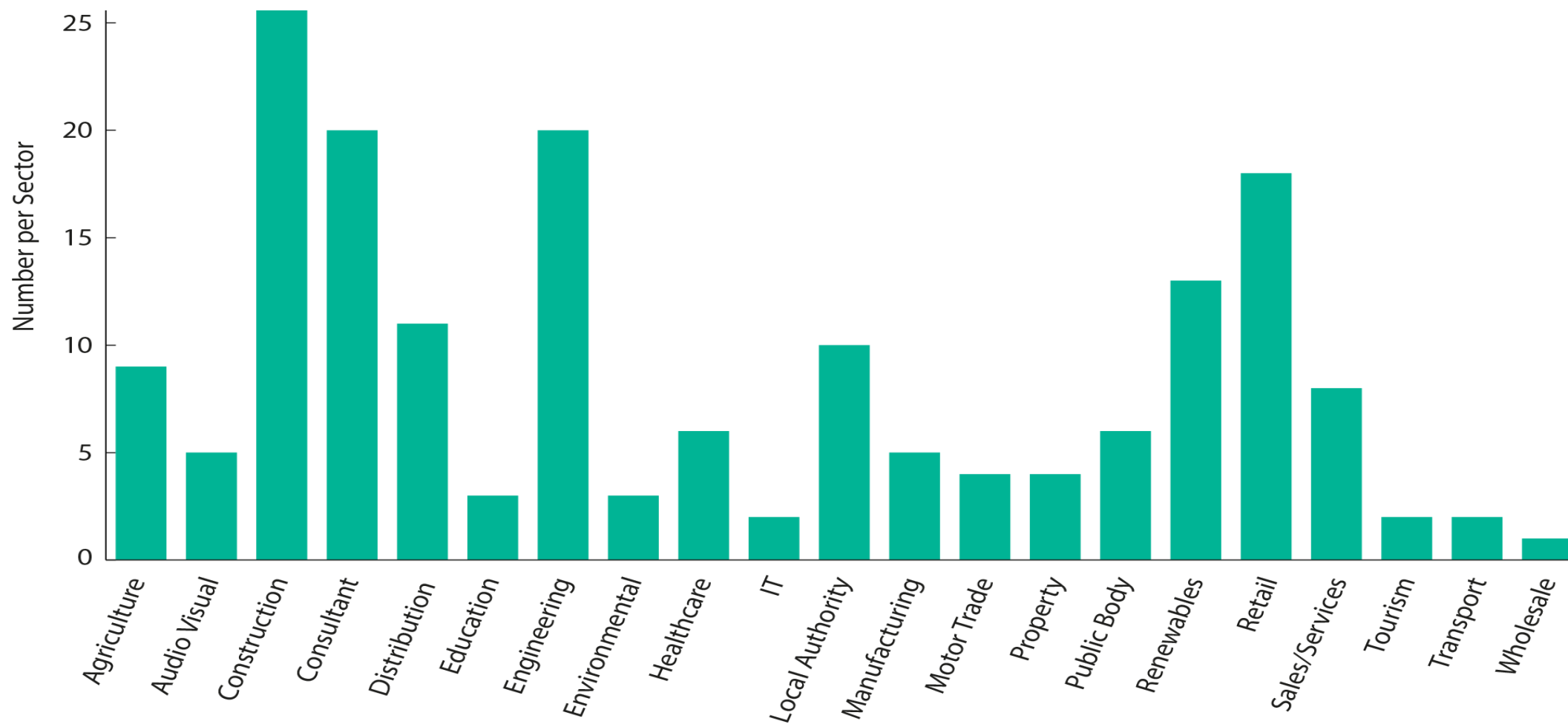
Programme Manager – Electric Vehicles and Demand Generation

Why an EV Fleet Trial

- Chance to use an EV with no capital cost
- Gives you real world on the job experience
- 3-month test drive
- Data collected by SEAI
- Support to install a charger



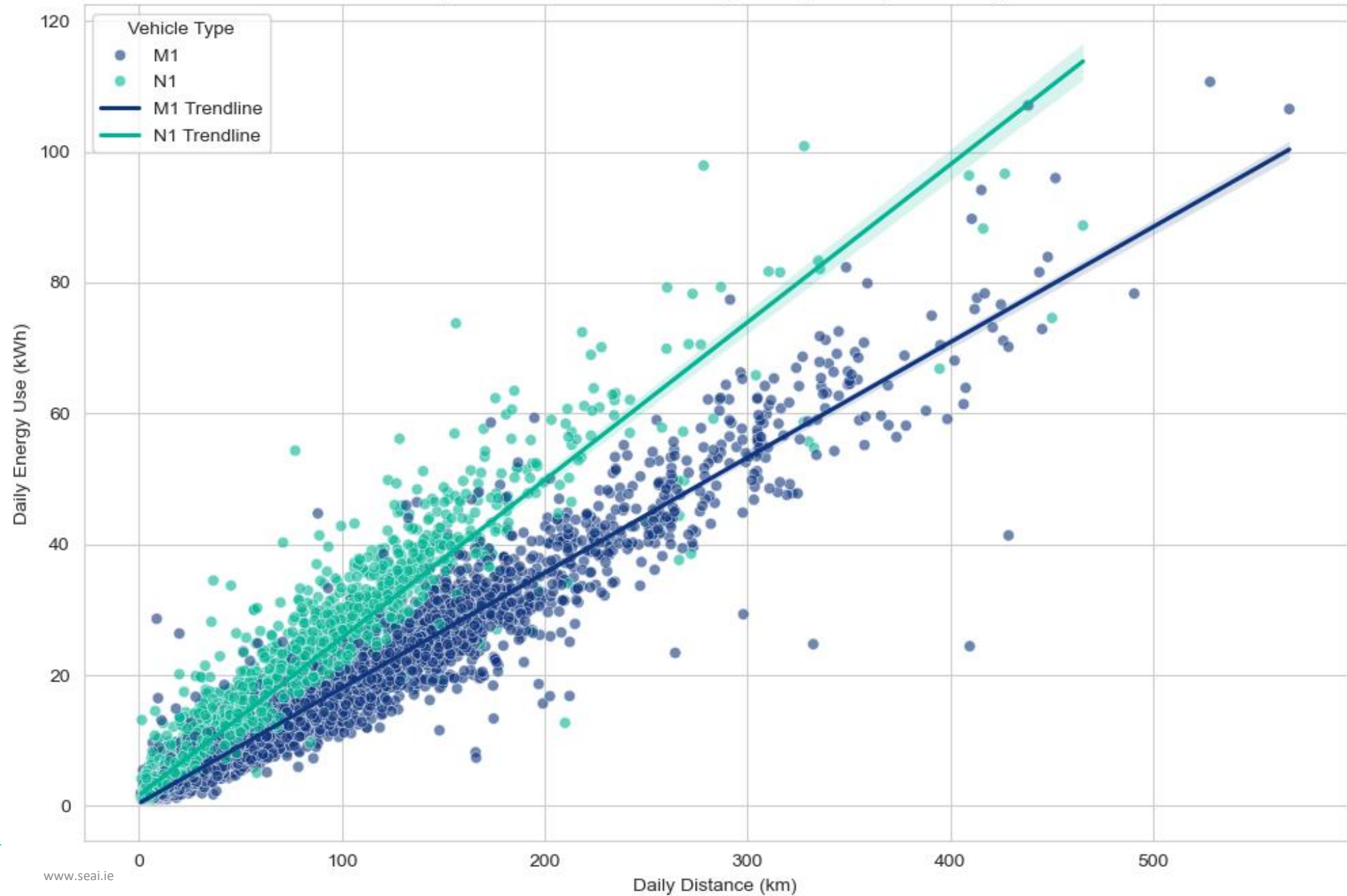
Who took part



Efficiency, cost and emissions savings

	Average for both	M1 Car	N1 Van
Distance Travelled	3,700km	4,400 km	2,800km
AC Charing Sessions	28	29	27
DC Charging Sessions	3	5	2
Tailpipe emissions avoided	512kg	529Kg	484kg
Cost savings per 10,000km	€359	€320	€407
Efficiency Calculated M1 (Car)	23kwh/100km	20 kwh/100km	29 kwh/100km

Daily Distance Travelled vs. Daily Energy Use by Vehicle Type



Participant's experience

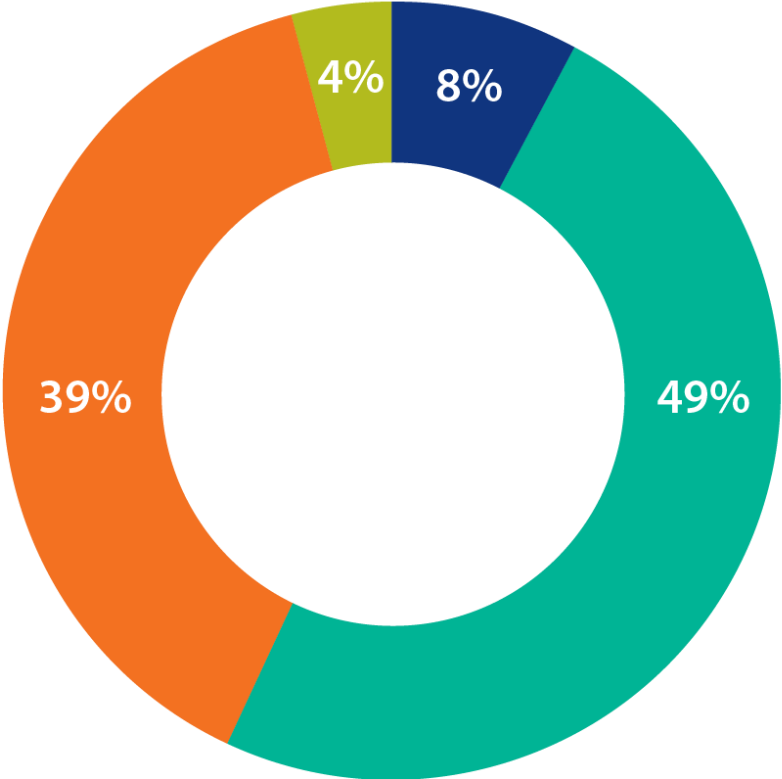




Survey Response

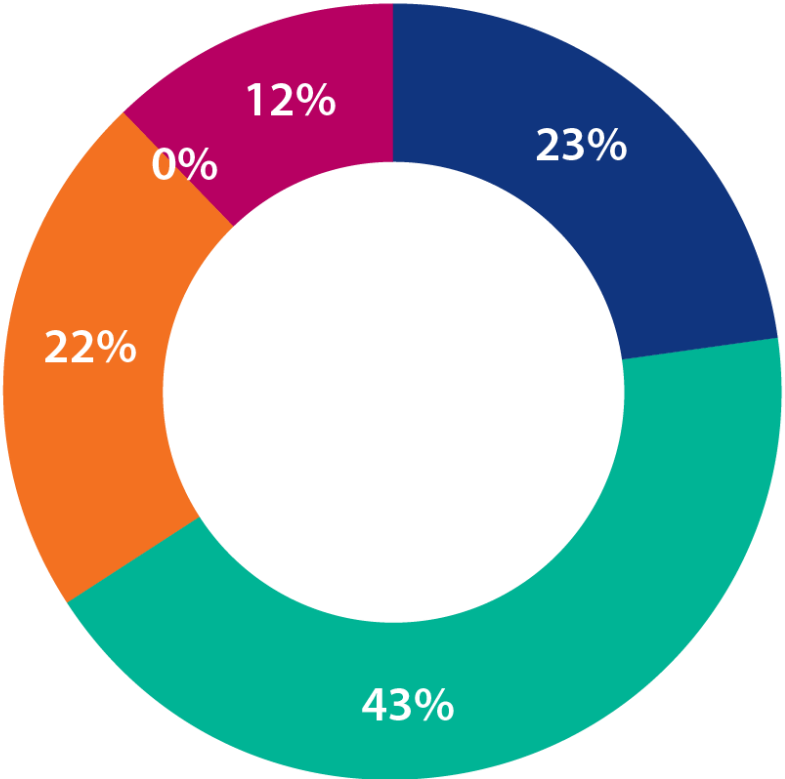


CHARGING PERCEPTION BEFORE THE TRIAL



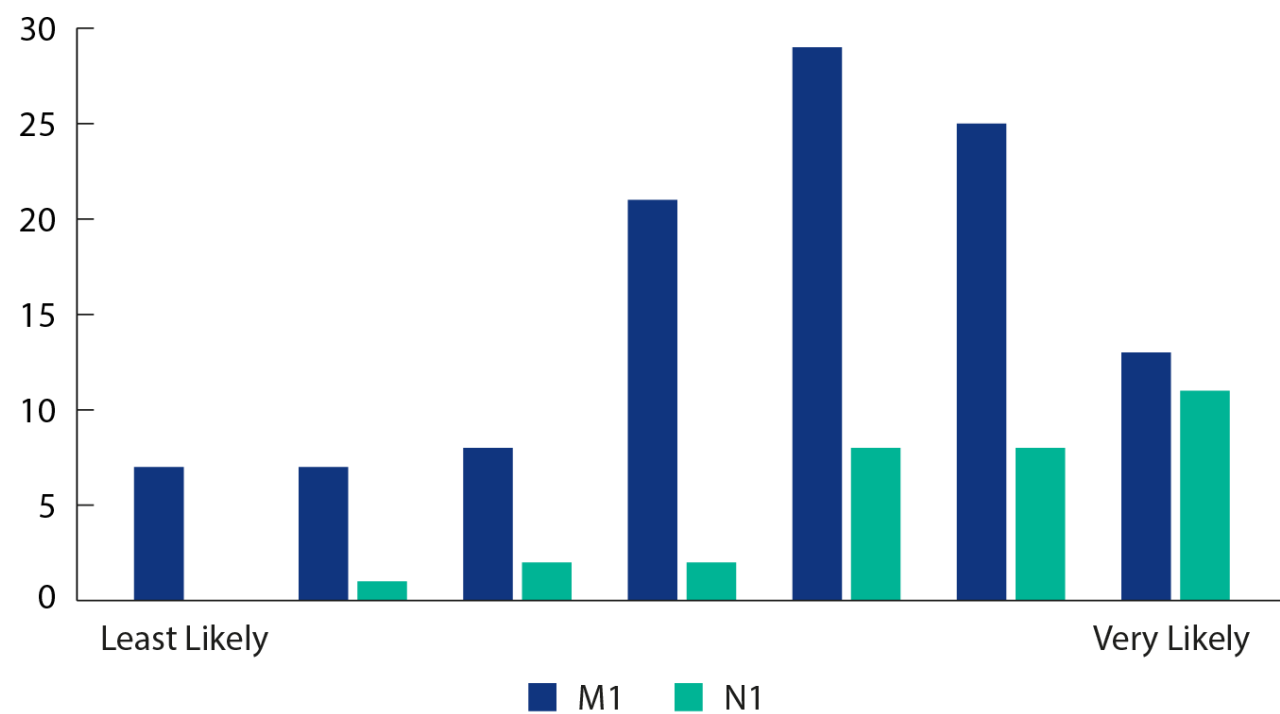
- Once a Week
- Every Second Day
- Every Day
- Twice a Day

CHARGING PERCEPTION AFTER THE TRIAL

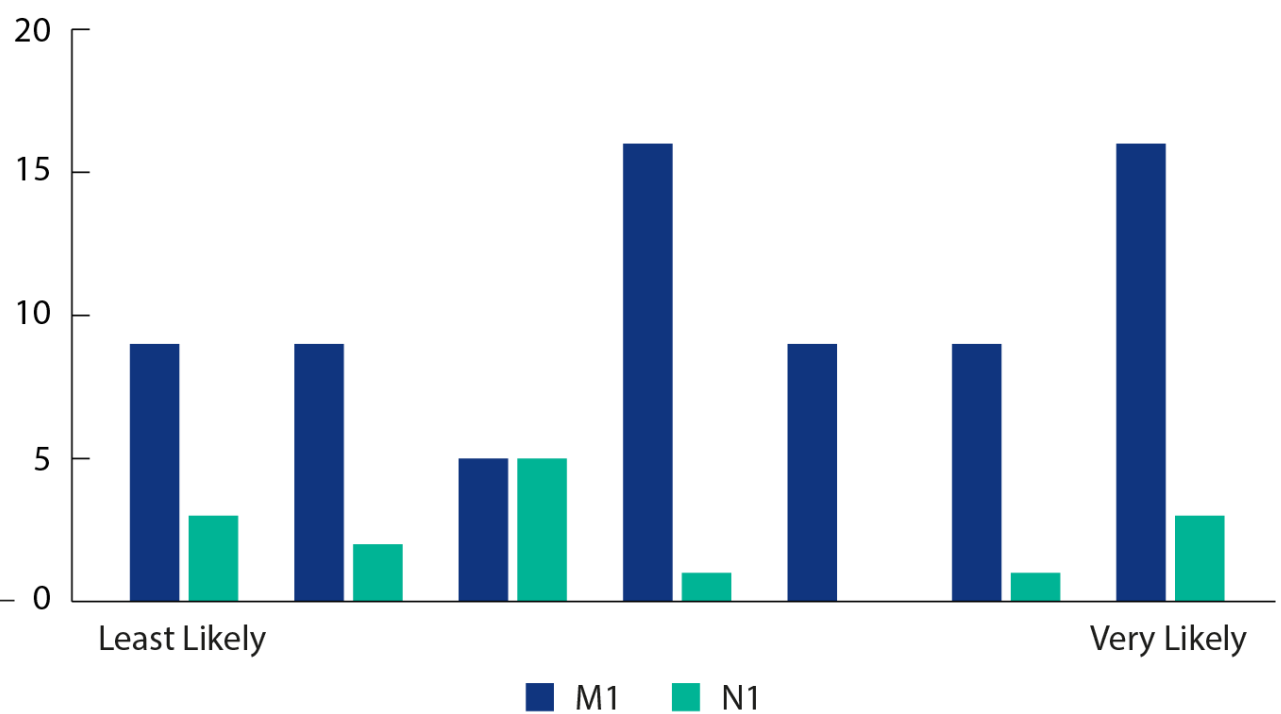


- Once a Week
- Every Second Day
- Every Day
- Twice a Day
- Other

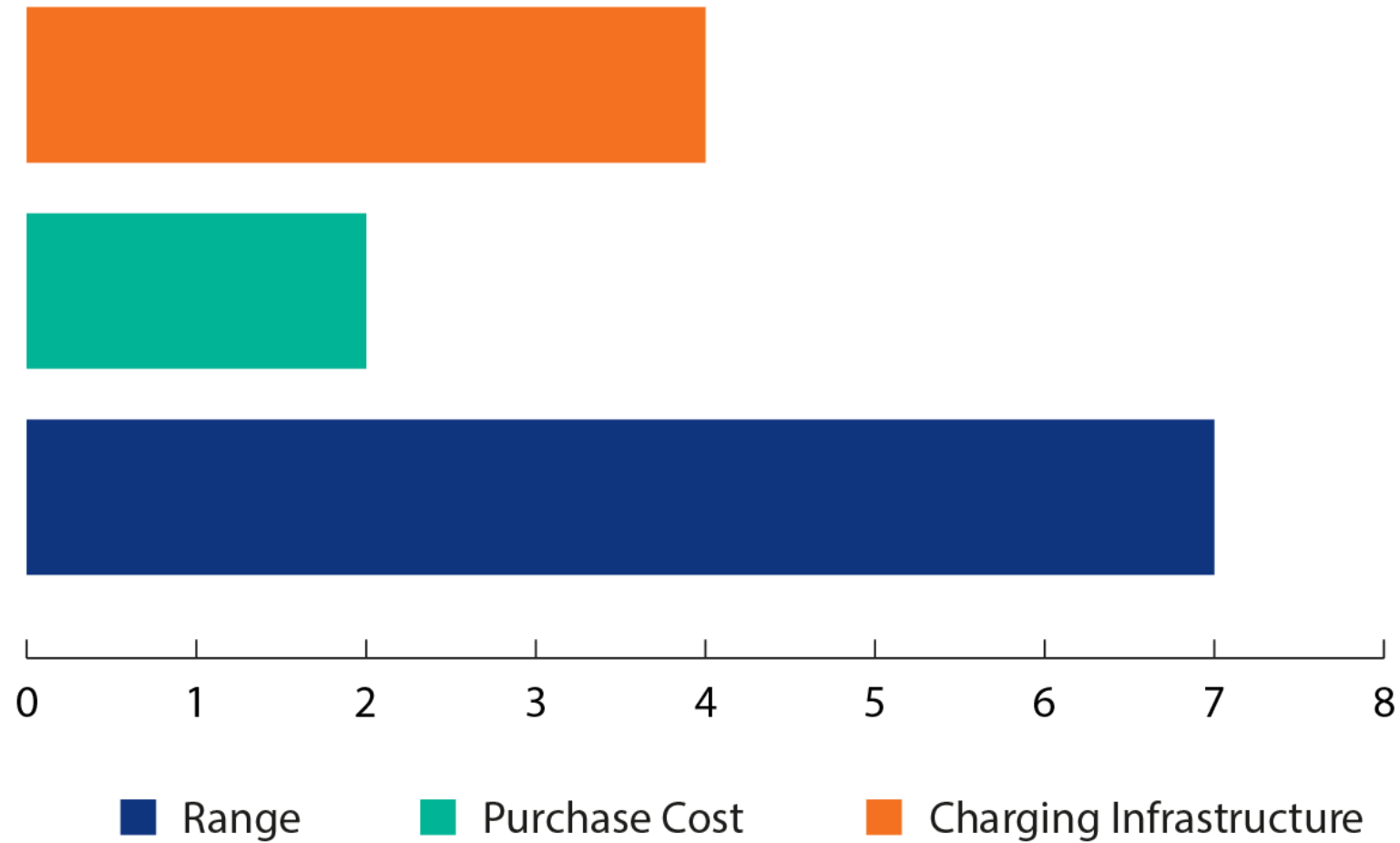
How likely before the trial to purchase an EV



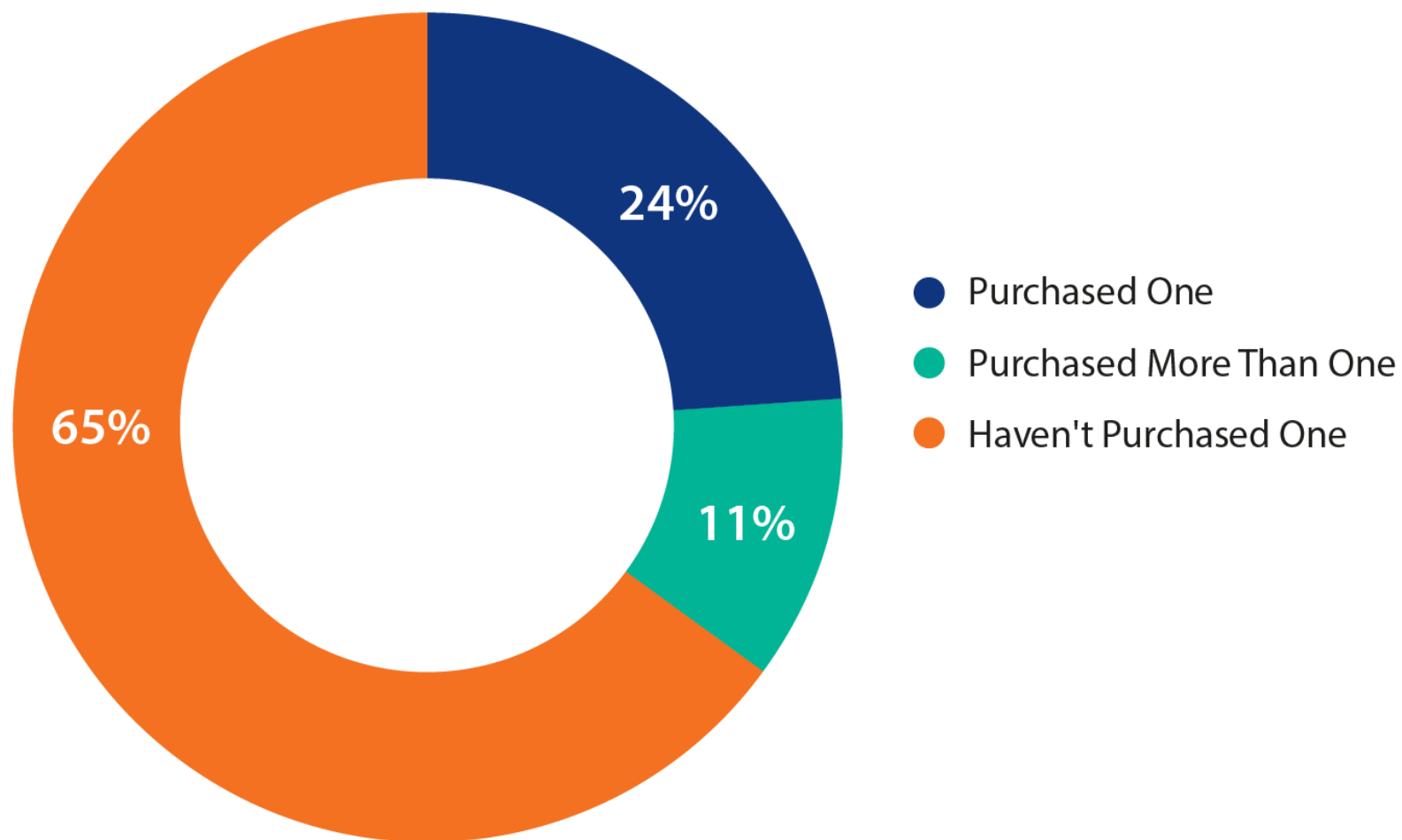
How likely after the trial to purchase an EV



Reasons not to purchase an EV



PURCHASED AN EV AFTER THE TRIAL



Benefits to purchase an EV



Reducing
emissions



Lower
running
costs






Positive
image for
the
business



More
efficient
transport

Conclusions and recommendations

-  Passenger car will work for most businesses
-  The ranges of vans have improved in the last 2 years
-  Understand your business driving needs
-  Find a suitable route to trial
-  Work with willing drivers
-  Have a charging plan in place
-  Review often in the first year
-  Incentives and supports available for businesses

Thanks, and Safe Driving

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