

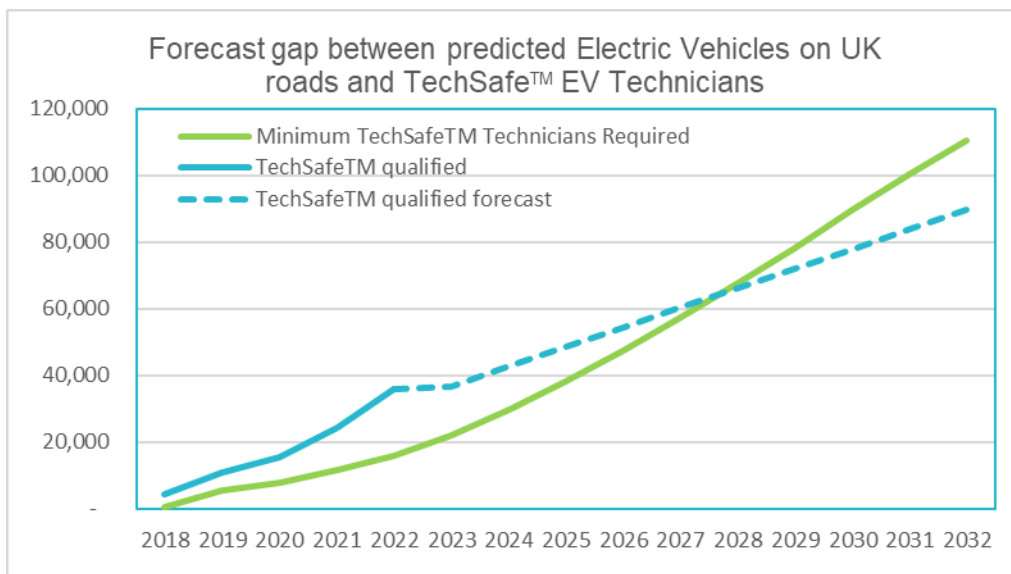


As September new car registrations marks the one million EV milestone, the sector saw another record quarter of technicians undertaking electric vehicle qualifications.

Data released by the education regulators (Ofqual, SQA, CCEA, Qualifications Wales) reports that more than 4,700 were certificated in the second quarter of 2022 (April-June). This means that the first six months of 2022 saw 8,400 technicians undertaking electric vehicle qualifications eligible to obtain TechSafe™ professional recognition. Unofficial IMI data indicates that the third quarter could also see significant take up, indicating the number of technicians now qualified to work safely on electric vehicles is estimated at 36,000, the equivalent of 16% of technicians in the UK.

Figures released by the Society of Motor Manufacturers and Traders (SMMT) outlines that electric vehicle uptake continues to rise, albeit at a slower rate of growth than seen earlier in the year, with the second highest monthly volume of battery electric vehicle (BEV) registrations in history. Overall, plug-in vehicles accounted for more than one in five new cars joining UK roads in the month. As a result, UK drivers and fleets have now registered more than one million plug-in EVs, a quarter of which was in this year alone.

Using the Autotrader total car parc projections, the IMI predicts that the number of TechSafe™ qualified technicians that will be required to work with electric vehicles by 2030 is 90,000, increasing to 111,000 by 2032. Autotrader are predicting that the number of alternative fuel vehicles (AFVs) will make up 37% (12.6 million vehicles) of the total car parc by 2030 and that 26% (9 million vehicle) will be pure EV.



Size of EV qualified technician gap

2025	2026	2027	2028	2029	2030	2031	2032
0	0	0	1500	6300	11600	16500	20900

Size of EV qualified technician gap



As of September 2022, there were 36,000 qualified TechSafe™ technicians, and using current forecast trends, by 2030, there could be a shortfall of 11,600 qualified technicians. This will risk the safety of technicians and undermine confidence that consumers' electric vehicles can be serviced, maintained, and repaired by a garage with the right skills. This gap increases to 20,900 by 2032. Despite the record take up of EV qualifications, the skills gap could be seen as early as 2028.

Data sources:

- Technician forecasts: IMI calculation interpreting EMSIE SOC data (2022)
- Number of AFCs - Autotrader total car parc projections
- Techsafe™ figures: All 4 nation qualification regulatory board published data (Ofqual, SQA, CCEA, Qualifications Wales) 2018 – 2022Q2. 2022Q3 IMI data
- September new car registrations: SMMT