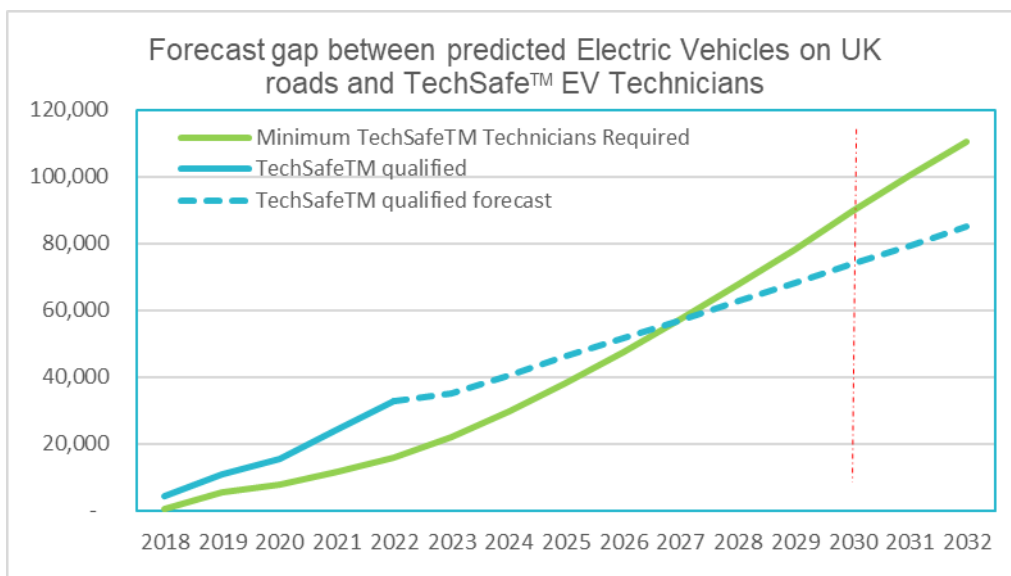


Despite record take up of EV qualifications an EV skills gap could be seen as early as 2027

Using the Auto Trader total car parc projections, the IMI predicts that the number of TechSafe™ qualified technicians 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 vehicles) will be pure EV.

In the first six months of 2022, a record number of technicians (8,400) undertook an electric vehicle qualification that is eligible to obtain TechSafe™ professional recognition. This is the highest amount since its introduction in 2016. Indications are that the 3rd quarter will see record numbers continue. The number of technicians now qualified to work safely on electric vehicles is estimated to be 32,900, the equivalent of 15% of technicians in the UK.



Size of EV qualified technician gap

2025	2026	2027	2028	2029	2030	2031	2032
0	0	200	4900	10100	15700	20900	25600

Size of EV qualified technician gap

As of July 2022, there were 32,900 qualified TechSafe™ technicians, and using current forecast trends, by 2030, there could be a shortfall of 15,700 qualified technicians. This risks the safety of technicians and undermines confidence in the industry's ability to service, maintain and repair electric vehicles. This gap could increase to 25,600 by 2032. Despite the record take up of EV qualifications, the skills gap could be seen as early as 2027.

Data sources:

- Technician forecasts: IMI calculation interpreting EMSIE SOC data (2022)
- Number of AFVs – Auto Trader total car parc projections



- Techsafe™ figures: All 4 nation qualification regulatory board published data (Ofqual, SQA, CCEA, Qualifications Wales) 2018 – 2022Q1. 2022Q2 IMI data