

## Low Emission Vehicle (LEV) Sector Fact and figures<sup>1</sup>:

### General F&F's

1. The low emission vehicle sector (LEV) recorded a turnover of **£6.2 billion** in 2019, nearly double the **£3.4 billion** turnover in 2016 and has increase Increased **each year** from 2016.<sup>2</sup>
2. Make up ~15% of the **total** Low Carbon and Renewable Energy Economy turnover (LCREE) in the UK in 2019.
3. **The sector is dominated by large businesses** - large businesses, with 250 or more employees, accounted for **96.8%** of the overall LEV sector turnover and **87.4%** of its employment.
4. LEV sector turnover for large businesses has grown by **78.7% (or £2.6 billion)** between 2015 and 2019.
5. full-time equivalent (FTE) employment for those businesses increased from **7,700 to 13,900** over the same period.
6. Those businesses now **directly** employ ~17,000 individuals.
7. For large businesses, the manufacture of motor vehicles, trailers and semi-trailers accounted for **58.3% of FTE employment in the LEV sector** in 2019, followed by the manufacturing of machinery and equipment (covering 21.6% of FTE employment in the LEV sector) in the same year.
8. In April to June 2021, the number of LEV sector-relevant vocational skills qualifications awarded in England, Wales and Northern Ireland all increased compared with the same period in 2019.

### Imports/exports

- The UK LEV export market worth stands at **£4.4 Billion**.<sup>3</sup>
- The UK LEV import market worth stands at **£2.1 Billion**.<sup>4</sup>

### Vehicle Registrations<sup>5</sup>

- Battery electric vehicle market share has more than doubled from **6.7%** in Sept-20 to **15.2%** in September 2021.<sup>6</sup>
- Are currently more than **600,000** Plug-in electric vehicles in the UK.<sup>7</sup>
- As of sept-21 more than **20%** of new cars sold had a plug.<sup>8</sup>
- **24,537** new registrations of BEVs and PHEVs in the UK, in October 2021.<sup>9</sup>

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<sup>1</sup> The LEV certification definition included in this document stands as: vehicles which produce less than 100g per kg travelled, with ULEVs & ZEVs **also** included.

<sup>2</sup> Office for National Statistics – *UK's low emission vehicle sector*, Dataset. released on 08 October 2021, accessed 09.11.2021 (<https://www.ons.gov.uk/economy/environmentalaccounts/datasets/theukslowemissionvehiclesector> ) (points 1-8 are all sourced from the same dataset).

<sup>3</sup> Office for National Statistics - *Low carbon and renewable energy economy estimates*, Dataset. released on 08 October 2021, accessed 09.11.2021

(<https://www.ons.gov.uk/economy/environmentalaccounts/datasets/lowcarbonandrenewableenergyeconomyfirstestimatesdataset> )

<sup>4</sup> Ibid

<sup>5</sup> For more information check out -

[https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment\\_data/file/1021032/vehicle-licensing-statistics-april-to-june-2021.pdf](https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/1021032/vehicle-licensing-statistics-april-to-june-2021.pdf)

<sup>6</sup> SMMT, YTD Vehicle Data, Sept EV Registrations, released October 2021

(<https://www.ons.gov.uk/economy/environmentalaccounts/articles/theukslowemissionvehiclesector/2021-11-08#the-uks-2050-net-zero-target-and-transport>)

<sup>7</sup> UK GOV – Net Zero Strategy: Build Back Greener. Released October-21. Pg. 153

<sup>8</sup> Ibid

<sup>9</sup> Next Green Car, Electric Car market Statistics, 05.11.2021 (<https://www.nextgreencar.com/electric-cars/statistics>)

### Changing perspectives

- **44%** of all petrol, diesel and hybrid drivers said they were either likely or very likely to switch to an all-electric vehicle in the next 10 years.<sup>10</sup>

### Lev-supporting infrastructure<sup>11</sup>

Number of **total** Vehicle charging Device statistics -

Region-	Totals	Per 100,000
UK	24,374	36.3
GB	24,044	36.9
England	20,563	36.4
Wales	916	28.9
Scotland	2,565	46.9
NI	330	17.4

### Rapid chargers

Region:	Totals	Per 100,000
UK	4,551	6.8
GB	4,530	6.9
England	3,732	6.6
Wales	141	4.4
Scotland	657	12
NI	21	1.1

Above data correct as of July 1<sup>st</sup>, 2021

### Increases

- **Five times** as many charging points located within UK in 2019 as in 2015.
- Between 2015 and 2021 there has been an average of **44%** increase (y on Y) in **total charging devices** in the UK.
- **26%** increase between Jan-20 and Jan-21, Coronavirus temporarily dampened this increase
- Between 2015 and 2021 there has been an average of **67%** increase (y on Y) in **Rapid charging devices** in the UK.
- **37%** increase of rapid charging devices between Jan-20 and Jan-21, Coronavirus temporarily dampened this increase.<sup>12</sup>

### Skills

- As many as **50,000** workers could need re-skilling by 2025 in the UK's car manufacturing industry.<sup>13</sup>

<sup>10</sup> Office for National Statistics - *Over half of younger drivers likely to switch to electric in next decade*, Press releases. released on 25 October 2021, accessed 09.11.2021

(<https://www.ons.gov.uk/economy/environmentalaccounts/articles/overhalfofyoungerdriverslikelytoswitchtoelectricinnextdecade/2021-10-25>)

<sup>11</sup> UK Gov - *Electric vehicle charging device statistics: July 2021*, Published on 3 August 2021, accessed 09.11.2021

(<https://www.gov.uk/government/statistics/electric-vehicle-charging-device-statistics-july-2021>). (Whole section same source)

<sup>12</sup> Ibid. More information - <https://www.gov.uk/government/statistics/electric-vehicle-charging-device-statistics-july-2021/electric-vehicle-charging-device-statistics-july-2021>

<sup>13</sup> BEIS (2021), 'Green Jobs Taskforce Report', <https://www.gov.uk/government/publications/green-jobs-taskforce-report>

## Courses and course content<sup>14</sup>

### Certificates for vocational courses relating specifically to low emission vehicles and charging points

- **10,115** Certificates awarded across England in 2019; projected to be 15,000 in 2021
- Making up ~2% of **all** Vocational qualifications for England
- **61.4%** of Vocational Qualifications received in Q2 2021 were low emission vehicle related; **38.6%** are Charging point related qualifications

#### Wales-

- **275** certificates awarded in 2020, up **66%** from 2019
- Projected **570** certificates awarded in 2021

#### Northern Ireland –

- **358** certificates awarded in 2019
- Projected **408** certificates awarded in 2021

## General Course information

- In Quarter 1 (Jan to Mar) 2020, **2,485** more certificates were awarded for LEV-related qualifications than in the same quarter in 2016.<sup>15</sup>
- During Quarter 2 (Apr to June) 2021, **3,910** certificates were awarded for vocational qualifications covering LEV-related skills, on vehicles themselves or the charging infrastructure, up **58.9%** on the same quarter in 2019 (as 2020 data are likely to have been affected by COVID-19 pandemic restrictions).<sup>16</sup>
- Of certificates awarded in Quarter 2 2021, **38.6%** were related to courses involving the installation of charging points.<sup>17</sup>

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<sup>14</sup> Office for National Statistics – *UK's low emission vehicle sector*, Dataset. released on 08 October 2021, accessed 09.11.2021 (<https://www.ons.gov.uk/economy/environmentalaccounts/datasets/theukslowemissionvehiclesector> )  
(whole section same reference source)

<sup>15</sup> Office for National Statistics – *The UK's low emission vehicle sector*, **Complied release**. released on 08 October 2021, accessed 09.11.2021  
(<https://www.ons.gov.uk/economy/environmentalaccounts/articles/theukslowemissionvehiclesector/2021-11-08#the-uks-2050-net-zero-target-and-transport> )

<sup>16</sup> Ibid

<sup>17</sup> Ibid