

Digital Vision for Mobility

Road

Electric vehicles are projected to account for

69%

of passenger car sales by 2030¹

The cost of battery packs has declined

70%

in the past 7 years; batteries typically account for

40%

of the cost of an electric vehicle²

2040

is when the sales of new conventional petrol and diesel cars and vans will cease³

15

manufacturers have pledged to release Level 4 Autonomous Vehicles by 2025⁴



Rail

1.7bn

rail journeys were made in the 2017-2018 financial year⁵

20,000

approximate daily services on the GB rail network⁶

London Waterloo

is the UK's most popular train station, with 94m entries and exits a year⁷

565km

of new railways to be delivered between 2026 and 2032⁸

Mobility

The average car is unused

96% of the time⁹

Autonomous Vehicle "as a service" provision could be up to

40%

cheaper than private vehicle ownership by 2030¹⁰

Half

of car owners know today that they will no longer want to own a personal vehicle by 2025¹¹

The global mobility ecosystem is forecast to grow over

\$1tn by 2030¹²

Logistics

89%

of all goods transported by land in Great Britain are moved by road¹³

150 - 250%

is the projected increase in rail freight activity by 2050¹⁵

\$1.37tn

is the projected global market value of logistics by 2023¹⁶

57%

of Light Commercial Vehicle (LCV) sales could be electric vehicles by 2030¹⁴

¹ KPMG Mobility 2030 analysis, Mobility 2030: Transforming the mobility landscape, KPMG, February 2018. <https://assets.kpmg/content/dam/kpmg/xx/pdf/2019/02/mobility-2030-transforming-the-mobility-landscape.pdf>

² Lithium-ion battery costs and market, Bloomberg New Energy Finance, July 2017. <https://data.bloomberglp.com/bnef/sites/14/2017/07/BNEF-Lithium-ion-battery-costs-and-market.pdf>

³ UK plan for tackling roadside nitrogen dioxide concentrations, UK Government, July 2017. https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/633269/air-quality-plan-overview.pdf

⁴ KPMG Mobility 2030 analysis, Mobility 2030: Transforming the mobility landscape, KPMG, February 2018. <https://assets.kpmg/content/dam/kpmg/xx/pdf/2019/02/mobility-2030-transforming-the-mobility-landscape.pdf>

⁵ How many people use the railway, Office of Rail and Road. <https://orrgovuk/statistics/popular-statistics/how-many-people-use-the-railway>

⁶ Rail Factsheet 2018, UK Government, December 2018. https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/761352/rail-factsheet-2018.pdf

⁷ Busiest stations in Britain, Office of Rail and Road. <https://orrgovuk/statistics/popular-statistics/busiest-stations-in-britain>

⁸ The UK Rail Industry: A Showcase of Excellence, UK Government, April 2014. https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/303255/UKTI_Rail_Brochure.pdf

⁹ Future of Mobility: Urban Strategy, UK Government, March 2019. https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/786654/future-of-mobility-strategy.pdf

¹⁰ KPMG Mobility 2030 analysis, Mobility 2030: Transforming the mobility landscape, KPMG, February 2018. <https://assets.kpmg/content/dam/kpmg/xx/pdf/2019/02/mobility-2030-transforming-the-mobility-landscape.pdf>

¹¹ KPMG Mobility 2030 analysis, Mobility 2030: Transforming the mobility landscape, KPMG, February 2018. <https://assets.kpmg/content/dam/kpmg/xx/pdf/2019/02/mobility-2030-transforming-the-mobility-landscape.pdf>

¹² KPMG Mobility 2030 analysis, Mobility 2030: Transforming the mobility landscape, KPMG, February 2018. <https://assets.kpmg/content/dam/kpmg/xx/pdf/2019/02/mobility-2030-transforming-the-mobility-landscape.pdf>

¹³ Road Haulage Facts and Stats, Road Haulage Association. <https://www.rha.uk.net/policy-campaigning/top-industry-issues/haulage-industry>

¹⁴ KPMG Mobility 2030 analysis, Mobility 2030: Transforming the mobility landscape, KPMG, February 2018. <https://assets.kpmg/content/dam/kpmg/xx/pdf/2019/02/mobility-2030-transforming-the-mobility-landscape.pdf>

¹⁵ Future of Rail 2050, ARUP, July 2014. <https://www.arup.com/perspectives/publications/research/section/future-of-rail-2050>

¹⁶ Logistics Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2018-2023, Research and Markets, April 2018. https://www.researchandmarkets.com/research/kclzz8/global_logistics?w=5