Annex A: EV Chargepoint incentives

<u>Investment</u>

- **Rapid Charging Fund**: A portion of the cost of upgrading the electricity grid will be funded by Government at strategic locations along the road network, where it is not currently commercially viable to do so. A pilot project is expected soon.
- **Local EV Infrastructure (LEVI) Fund:** £381m funding over the next two financial years. Supports Tier 1 Local Authorities in England to install on-street residential charging.
- **Auto2030:** The Government is investing £2 billion of new capital and R&D funding, before 2030, for zero emission vehicles, batteries, and their supply chains. As part of the Advanced Manufacturing Plan, the funding will boost the UK's competitiveness and unlock strategic investments in the automotive industry.
- **UK Battery Strategy:** The Government will invest £50 million in developing the UK's battery world-class capabilities, from R&D to industrialisation. The Government will also invest £11 million in 20 competition winners developing technologies across the battery value chain, in areas such as artificial intelligence and digital tools to increase battery performance, future technologies and improved recycling technologies.

<u>Infrastructure grants:</u>

- **On-street Residential Chargepoint Scheme:** Available to all UK local authorities to provide public chargepoints for residents without access to private parking.
- **EV chargepoint grants:** For eligible residential and commercial properties:
  - **Electric Vehicle Chargepoint Grant scheme:** People in rented accommodation (and their landlords), flats and multi-occupancy buildings, are supported with grants of up to £350 per chargepoint.
  - **Workplace Charging Scheme:** SMEs, charities, public sector organisations and small accommodation businesses can access grants of up to £350 per socket.
  - **Electric Vehicle Infrastructure Grant:** The cost of wider building and installation work is supported via:
    - Up to £30,000 for residential car parks
    - Up to £15,000 for staff/fleet car parks

<u>Regulations</u>

- **The ZEV mandate:** Annual minimum targets have been set for new cars and vans sold in the UK to be zero emission at the tailpipe by 2035. Targets will start in 2024 - 22% for new cars, 10% for new vans. These will increase to 80% for new cars and 70% for new vans by 2030.

- **The Public Charge Point Regulations:** In force from November 2023. Due to these regulations, EV drivers will be able to easily find and access reliable chargepoints, with simplified pricing information and payment methods.
- **The Plan for Drivers:** Announced in October 2023, the plan includes measures to speed up grid connections, accelerate chargepoint installation, install chargepoints in schools, provide cross-pavement charging solutions, consult on Permitted Development Rights and work with industry to dispel common myths about EVs.
- **Building Regulations:** New homes and non-residential buildings in England with associated parking are required to have a chargepoint installed. The legislation also requires buildings undergoing major renovations to install a chargepoint.
- **Electric Vehicle Smart Charge Point Regulations 2021:** Smart charging functionality is mandated for chargepoints sold for the use of homes and workplaces.

<u>Electric Vehicle grants and tax incentives</u>

- **Government grants:** The up-front purchase price of electric vehicles is assisted through the current schemes listed below. These are kept under continuous review:
  - **Plug-in taxi grant:** 20% of purchase price, up to £7,500
  - **Plug-in motorcycle grant:** 35% of purchase price, up to £500 for motorcycles. £5% of purchase price up to £150 for mopeds
  - **Plug-in van grant:** up to £2,500 for small vans (2.5 tonnes). Up to £5,000 for large vans (2.5 – 4.25 tonnes).
  - **Plug-in truck grant:** up to £16,000 for small trucks (4.25 – 12 tonnes) and up to £25,000 for large trucks (over 12t)
  - **Plug-in wheelchair accessible vehicle grant:** 35% of purchase price, up to £2,500

- **Tax incentives**
  - **Benefit in kind tax rates**: Currently zero for electric vehicles. From 2025, company car taxes for electric vehicles will increase 1% year on year to a total of 5% for battery electric vehicles by April 2028.
  - **Vehicle Excise Duty (VED):** Standard rate of VED will apply from 2025. However, electric vehicles will have preferential first year rates of VED in comparison to the most polluting vehicles.

<u>Other</u>

- **Future of Transport Regulatory Review**: The Government's response to this review was published in October 2023. This confirmed that, when there is parliamentary time, the Government will pursue primary powers to issue directions to local Transport Authorities to produce local charging strategies, if they have not done so as part of their Local Transport Plans.

- **Publicly Available Standard (PAS) 1899:** Specifications on designing and installing accessible public EV chargepoints.
- **Green number plates:** Road users can easily identify zero emission vehicles, normalising their presence on UK roads.
- **Government Fleet Commitment:** 100% of the central Government car and van fleet must be zero emission by the end of 2027.