



# Electric Vehicle (EV) Charging

## Providing the installation and maintenance of EV solutions across the UK

### A powerful partnership

VINCI Facilities and its specialist building and refurbishment arm, Building Solutions, have collaborated to create a holistic EV solution. The offering utilises the key strengths of each partner organisation:

- » **Building Solutions:** Planning, surveying, design, installation, civil construction, and commissioning.
- » **VINCI Facilities:** Ongoing planned and reactive maintenance, provided 24/7/365.

The partnership benefits from a directly-employed team of seasoned experts who are experienced in working on a wide range of EV systems from leading manufacturers.

VINCI's capabilities have also been benchmarked with accreditations including NIC EIC (National Inspection Council for Electrical Installation Contracting), IPAF (International Powered Access Federation), and Safe Electric.

The RAC estimates that the number of electric vehicles on UK roads will rise by 1,325% by 2030 – from c.456,000 currently to c.6.5 million (20% of all vehicles). VINCI's offering will play a key role in helping the UK to cater for this mass transition to EV.

The partnership's offering also aligns with VINCI's ambition to achieve a 40% reduction in its own CO<sub>2</sub> emissions by 2030.

### Key projects delivered to date

- » **Royal Mail:** Royal Mail plans to install EV charging bays across all 1,400 of its delivery offices over the next seven years, which will accommodate c.40,000 vehicles. To date, VINCI has installed EV infrastructure at 22 delivery offices to accommodate c.1,600 vans of varying sizes and charging requirements. Works are currently underway at a further 11 sites.
- » **Shell:** VINCI is responsible for maintaining EV facilities at 172 Shell sites across the UK, including 'destination sites', such as supermarket car parks. The works currently encompass 685 EV assets, including AC and DC (rapid charge) units. This is forecasted to increase to c.100,000 assets by 2030.
- » **HMRC:** VINCI has installed EV infrastructure at Inland Border Facilities in Birmingham, Warrington, and Holyhead.
- » **VINCI Construction UK:** Workplace charging infrastructure has been installed at VINCI Construction UK's headquarters as well as its regional offices in Witness, Rainham and Bromsgrove.
- » **Automotive industry:** VINCI completed the replacement and expansion of workplace charging infrastructure (ranging from 3kW to 80kW) for a major car manufacturer.

## KEY CUSTOMERS



## CUSTOMER SATISFACTION

*"Thanks for the smooth running of the installation of electrics for the EV charging posts project. The team have worked really well with my team in the delivery office to get this work completed in good time with minimal disruption to the operation. It is appreciated. Regular communication is a vital part of the project and the team have been excellent in this area."*

**Ricky Sault, Delivery Office Manager,  
Royal Mail**

## ACCREDITATIONS



**BUILDING SOLUTIONS**



## Survey

- Understand existing electrical infrastructure and capacity
- Assess physical capacity for chargepoints
- Identify renewable options
- Review legal compliance

- Design systems (type and number of chargers) based on occupancy, fleet size and dwell time
- Design software requirements and strategy
- Understand future scalability

## Design



## Install

- Undertake civils and electrical infrastructure installation
- Test, commission and handover

- Provision of back office support and smart charging
- Option for revenue generation
- Diagnostic provision including remote dial in and usage analysis

## Support



## Maintain

- Planned and reactive maintenance support 24/7 / 365
- Full life cycle support and warranty