



Leading the charge to net zero

Electric Vehicle and E-Mobility Services

The 'green transport revolution' is in full force. The UK government confirmed the ban on the sale of new petrol and diesel cars and vans by 2030, announced £1.3bn in funding to accelerate the transition to electric vehicles, and are providing grants to help the public and businesses purchase electric vehicles and install charging infrastructure.

The widespread climate and sustainability agenda, combined with the government's Road to Zero strategy, means if you haven't already thought about how electric vehicles can support and enhance your organisation, real estate, and employee experience – **now is the time.**

Our electric vehicle services can help you stay at the forefront of the global revolution and create commercial, social, and environmental value for your business.

Why you need to think about your electric vehicle strategy now

Implementing a holistic electric vehicle (EV) strategy can support your organisation's sustainability agenda and net zero carbon ambitions by reducing your business overall emissions. With more sustainably minded workforces, consumers, and tenants, making these changes now will provide impressive environmental benefits across your real estate footprint.

As well as the positive social and environmental impacts your organisation can have by implementing EV infrastructure, there are commercial benefits such as attracting high quality tenants, land value appreciation, increasing customer footfall and generating additional revenue streams from charging points.



The UK government published their Road to Zero emissions strategy detailing plans to make the UK the best place in the world to build and own an EV

2018

2020

Clean Air Zones began to be implemented across towns and cities in the UK

All new or refurbished properties must have EV charging points if there are more than 10 spaces in the car park

2025

2030

Ban on the sale of new petrol and diesel cars and vans

UK net zero carbon deadline with almost every car and van being zero emissions

2040

“
The transport decarbonisation plan is just the start – we will need continued efforts and collaboration to deliver its ambitious commitments, which will ultimately create sustainable economic growth through healthier communities as we build back greener.
”

Grant Shapps, UK Secretary of State for Transport

We have multi-sector expertise to define and implement your EV strategy

‘EVs’ can be implemented across your entire real estate footprint, whether it’s on-site in order to attract occupiers and customers, supporting your employees commuting to and from your offices, or optimising your supply chain and last mile delivery operations. We have multi-sector expertise and understand why it’s important to think about EVs across a range of sectors.



Last mile delivery

There are many ways to make logistics more sustainable from reducing the emissions from operating buildings and vehicles transporting goods, to reducing embodied carbon in materials and packaging. Companies are increasingly looking to all these methods to meet mounting sustainability pressures. Advancements in technology has increased the distance that electric vans can travel significantly, and with greater manufacturing capability, we can expect to see more widespread adoption of EVs within the supply chain.



Enhancing your buildings

As employees increasingly adopt EVs, tenants are looking to landlords to support this with the implementation of charging facilities at the workplace. Businesses can also leverage Benefit in Kind tax advantages for their fleets, helping advance the transition to EVs across their operations and providing savings on operational costs. As landlords, providing charging infrastructure is a must to ensure continued attraction of tenants, and it can provide new revenue streams as well as future proofing assets.



Parking infrastructure

As businesses and consumers increasingly adopt EVs and the UK government’s 2030 ban on diesel and petrol cars comes into force, parking providers will quickly need to start building out charging capability to support the demand and help expand the charging infrastructure across the UK. This will allow parking infrastructure to leverage EV charging points to generate maximum commercial and environmental value whilst providing a high quality service for consumers, residents, and businesses.



Retail parks

As consumers increasingly adopt EVs, this presents a significant opportunity for retail parks to generate additional revenue streams, increase customer footfall and dwell times, helping to attract retail tenants. Retail parks with charging infrastructure can potentially increase customer dwell time by up to 50%, which provides benefits for existing and future retail tenants.



Employee experience

The future workplace will need to provide employees with greater flexibility in commuting. The adoption of EV and mobility solutions demonstrates a shared commitment to sustainability and an understanding of your employee’s needs, wellbeing and experience. Leveraging EV infrastructure, will help with talent retention and attraction as employees become more aware of their carbon footprint and actively adopt new commuting behaviours.



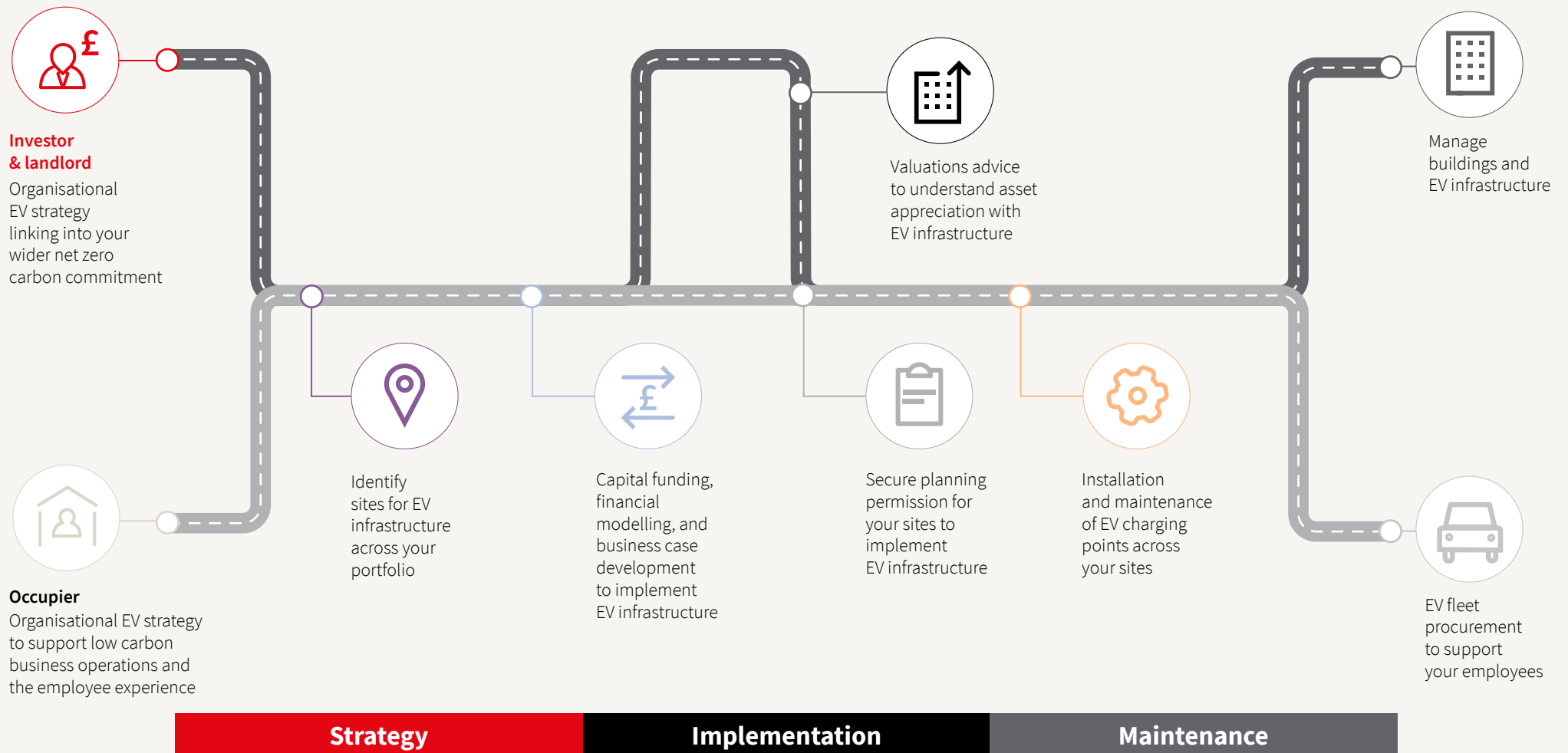
Transportation

The future of transportation requires low carbon solutions for all to enable a successful transition to net zero. EVs and micro-mobility will play a key part in this transition, with local councils and public transport operators increasingly looking to implement EV charging infrastructure across their real estate. By providing charging infrastructure and sustainable transport options you can support the UK government’s transport decarbonisation plan.

Our EV and e-mobility service

Whether you are an investor, developer or corporate tenant, EV will play a big part in how your business will operate in the future – affecting how your employees commute to the office, logistics and supply chain activity across your operations, as well as business and consumer travel – influencing how you adapt your existing real estate.

Our clients are increasingly looking to build EV capability for their end users in order to meet increasing needs. Our specialists, drawn from across JLL, can support your business with all your EV needs: from developing a strategy and identifying suitable sites to funding, planning and valuations advice to installation and ongoing maintenance.



Supporting our clients with EV solutions



Strategy	Planning	Valuation	Implementation
<i>E-Commerce client</i>	<i>Aberdeen Standard Investments</i>	<i>Investor client</i>	<i>Investor & landlord client</i>
Challenge			
Our client was considering the roll out of EV charging points across their portfolio, a move to support their net zero carbon commitment, whilst also proactively addressing the needs of its sustainably minded workforce.	Aberdeen Standard Investments had a cleared parcel of land next its office building, The Urban Building, in Slough's town centre. The site had constricted development potential due to proximity of neighbouring developments. However, given it's good connection to the M4 and Slough town centre they wanted to explore the feasibility of installing an EV charging hub.	Our client required an independent view on value for an EV forecourt and related energy infrastructure in order to confirm the balance sheet value of the asset and underpin future investment decisions on the expansion of a wider EV charging infrastructure platform.	Our client required the future-proofing of their assets electricity supply and installation of four EV charging points. The ambition was to improve the tenant experience, lower emissions and enhance the buildings marketability and specification.
Solution			
<p>We provided an innovative office based solution which brought alternative and more bespoke options for each part of the client's real estate footprint.</p> <p>Our strategy provided a focused view of the options available with site-level technical due diligence exercises to explore implementation options that suited our client's needs. This approach was applied across the portfolio as a tool for rapid options analysis.</p>	JLL Planning were asked to research the planning policy and undertake pre-application discussion with the council, which later led to a planning submission and approval of a full planning application. On completion, the scheme will deliver the first EV charging hub of this kind within a town centre on the outskirts of London with a total of 12 EV charging bays supplied by 4 High Power Charging (HPC) stations and 2 Fast (AC) stations. The scheme will bring the vacant brownfield site back into sustainable use and enhance the appearance of the derelict site with the addition of soft landscaping.	We provided the client with a comprehensive valuation report which included a detailed assessment of project returns, payback periods, risks, impact of relevant sensitivities, along with advice on critical success factors and key value drivers for implementing EV onto the forecourt. The report was used as the basis to support a range of financing options that the client was pursuing.	After understanding the client's requirements, Integral, our team of EV-trained engineers, carried out the necessary installation works to bring their vision into reality. This involved installing a new dedicated distribution system and all associated wiring, including appropriate earthing measures. Ground works were carried out, with cable ducts, concrete plinths and mobile phone signal boosters also being installed. Finally, the new EV charging points were commissioned and now provide our client with a new and easy-to-use EV charging solution.

Our team of experts

Our team of specialists across the business can help you navigate this evolving market, gain a better understanding of the options available in order to support you to make informed and profitable decisions. We have over 80 sustainability experts as well as EV trained engineers who bring the commercial skills needed to strategise, implement, and maintain an effective and lucrative electric vehicle approach across your business.

Whether you need a fully integrated end-to-end service or individual solutions, our team can understand your business and your requirements to help you achieve your electric vehicle goals.



Strategic consulting



Planning and development



Energy and infrastructure



Valuations



Managed services



Sustainability consulting



Logistics and supply chain



**Integral* team
including over 40
EV-trained engineers**

Get in touch



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