

# ELECTRIC VEHICLE CHARGE POINT (EVCP) FRAMEWORKS

How local authorities and the public sector can benefit from frameworks on which VolkerSmart Technologies is a provider

 VolkerSmart Technologies





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# EXECUTIVE SUMMARY

Many public sector bodies including local authorities have set ambitious targets to achieve net zero carbon. A significant contribution to achieving this target will be phasing out the sales of petrol and diesel engine cars and vans by 2030, and its replacement with low and zero emission vehicles. According to the Government's *Taking Charge: the electric vehicle charging infrastructure strategy*, in 2021, over 190,000 battery-powered electric vehicles (EV) were sold in the UK.

To support the transition to low and zero emission vehicles requires comprehensive electric vehicle charging infrastructure which will facilitate drivers to be able to plug in and charge anywhere; where they work, where they shop or on route to their destination.

To achieve this target, VolkerSmart Technologies can support public bodies in the design, installation, and maintenance of electric vehicle charge points (EVCP). VolkerSmart Technologies is one of the UK's leading installers and maintainers of EVCP and an approved OLEV registered installer. The business has established collaborative relationships with major EV equipment manufacturers and back-office providers.

The skills and expertise of VolkerSmart Technologies to deliver your EV infrastructure requirements can be accessed by four frameworks which have been specifically designed for public sector organisations.

The benefits of engaging with VolkerSmart Technologies through this framework route are:

- Confidence that VolkerSmart Technologies has been vetted and assessed for financial stability, compliance with industry standards, capability, reliability and track record of delivery
- Ability to scale to your needs, from one EVCP installation to multiple chargers across several car parks and the construction of rapid charging hubs
- Flexibility to select the service you require from VolkerSmart Technologies from feasibility and survey, to design, installation and after care
- Each framework has been procured in accordance with UK and EU procurement regulations negating the need for a separate contract notice and advertisement
- Works can be awarded directly to VolkerSmart Technologies eliminating the requirement for costly and time-consuming procurement. Rates and terms and conditions are pre-agreed
- Robust quality, price and social value evaluation during the process of establishing the frameworks ensures you receive value for money and quantified social value benefits.

This document explains the various routes and frameworks already in place, where you can access the services of VolkerSmart Technologies to support you with the installation and maintenance of EV infrastructure, required for your sustainable and connected communities.





# ABOUT VOLKERSMART TECHNOLOGIES



**V**olkerSmart Technologies is one of the UK's leading providers of EVCP services - both installation and maintenance management. We have installed over 2,500 EVCP and are responsible for the repairs and maintenance of a further 2,000. We are an approved and accredited Independent Connections Provider (ICP) having delivered over 30,000 ICP connections on various electrical highway assets across various power networks. We work with numerous manufacturers, to ensure we provide the latest technology and best value for our customers, offering a one-stop, turnkey solution. This is reflected in our high levels of repeat business and performance-based contract extensions.



## Capable

We provide a full turnkey solution to advise, install and maintain critical digital infrastructure and technology for modern living. We deliver a fully integrated approach, working seamlessly with premier manufacturers of EVCP hardware, to ensure we bring the latest technological advances to you.



## Competent

Our customers describe us as 'premier league,' because we believe in delivering seamless end-to-end solutions, using our trained and highly skilled teams to deliver a high-quality finished installation, that meets your needs and your environment. You can also benefit from our ongoing maintenance and aftercare service.



## Personable and reliable

Our delivery teams, are not only capable and competent in their role; they also care about the quality of work they deliver. Integrity is one of our core values, and this is reflected in the way all of our teams deliver our projects. Safety is also at the core of our business and we are proud of our safety record, which has resulted in our third RoSPA president's award and a British Safety Council distinction award.



## Why choose us as your design, installation and maintenance provider?

We are experts in the installation and maintenance management of highways infrastructure assets, managing over 350,000 of electrical highways assets including EVCP, lighting, variable messaging signs and illuminated bollards. In fact, we work with all shapes and forms of electrical assets found on or in the highway and associated with transport.



## Delivering innovative solutions

We will work closely with you to plan and design solutions to optimise layouts of EVCP, often using existing electrical assets and working within the constraints of each individual location. We are practiced in delivering our service in complex live environments, where public safety is paramount.

# ABOUT VOLKERSMART TECHNOLOGIES

## CONTINUED...



### Work seamlessly with different manufactures, to bring innovative solutions and best value

We are independent in the selection of equipment, which allows us to put forward a cost-effective solution, which reflects your budget, site requirements, build programme and finance model. We have collaborative relationships with several manufacturers and EVCP solution providers, including back-to-back warranties, technical training and full design capabilities, as well as finance and education awareness options.



### Accredited and experienced in-house ICP provider

Having connected over 30,000 electrical highway assets directly to local DNOs (power networks such as WPD, SSE and UKPN) we bring to you the benefit of being able to complete these connections in-house, improving project management and securing on-time delivery. Being ICP accredited reduces programme risk and duration.



### Harnessing sustainable solutions through government subsidies

We can work with you to take advantage of available government subsidies and funding from Catapult, Innovate UK and Go Ultra Low. We have successfully worked with customers to obtain grants from the Office for Low Emission Vehicles (OLEV) and the On-street Residential Chargepoint Scheme (ORSC). We can work with you to complete

the required information and have an excellent track record in securing and managing works in compliance with funding conditions.



### Part of VolkerHighways, a leading tier one highways service provider

We have substantial experience in managing road maintenance services and civils works, and delivering term maintenance, surfacing, traffic management, street lighting and improvement projects on the public and private highway. As such, we have knowledge of street work permit requirements and experience of completing works in an array of environments, from residential streets to high-speed roads. This enables us to provide you with the expertise to complete works safely and to exacting standards.



### Market leading asset management system

We have the technology that will ensure you have full knowledge of all your installed assets, to allow for effective planned and reactive maintenance programmes. We can integrate this software seamlessly, with various manufacturers' back-office software. You can also benefit from our in-house asset management experts, who can provide advice on upgrading your electrical infrastructure to maximise the benefits derived from EVCP installation.



### Additional capabilities to meet your requirements

We are a business that is digital by default, constantly looking for new solutions to drive efficiencies and improve the way data is collected and used. With our span of capabilities, we can deliver solutions to meet your specific requirements, drawing on the specialist expertise of the wider VolkerWessels UK group.



### Delivering social value in the communities where we work

We have developed a robust and structured sustainability framework (People-Planet-Purpose), which delivers a tangible programme of change, supporting the delivery of social value initiatives. We work with our public sector customers to develop social value plans which are specific to their needs and locality.

We record and evidence the social value that we create using the metrics specified by you. This approach enables us to monitor and measure our social value contribution and quantify our impact on your communities.



**2,500+**

EVCP installed



**2,000+**

EVCP under maintenance management



**100%**

Of projects under maintenance responded to within two hours



# WHY USE THE FRAMEWORKS?



# WHY USE THE EXISTING FRAMEWORKS?



## Public sector compliant procurement

Access to market-leading providers and the latest products and services, through a procurement process compliant with UK and EU procurement regulations.



## Streamlined process through direct award

The frameworks are enabled to allow for direct award. If you have already conducted a 'desktop evaluation', a direct award can simplify the procurement process, reducing time and cost in comparison to further competition. If you have more complex requirements, further competition is also offered.



## Scalable solutions to meet your needs

You can purchase or lease anything, from a single charge point to a full EVCP solution with back-office options for multiple locations.



## End-to-end solutions

Turnkey solutions are available, or you can pick and choose which elements of service you require e.g. survey/viability, design, installation and full aftercare and maintenance.



## Confidence in the framework providers

Providers listed on the framework have been assessed during the procurement process for their financial stability, track record, experience, and technical and professional ability.



## Value for money

What you see is what you pay – there are no additional charges.



## Pre-agreed terms and conditions

No need to worry about which terms and conditions to use as they have been pre-agreed under the framework and will underpin all orders.



## Social value

The installation of EVCP will facilitate the adoption of electric vehicles, support your journey to net zero and improve air quality for your residents. Social value is measured in line with the requirements of Procurement Policy Note 06/20.

EVCP delivery frameworks offer public sector organisations fast access to high performing delivery teams that specialise in designing and constructing EVCP. These frameworks eliminate the need for costly and time-consuming tender processes and provide an OJEU and FAT compliant procurement route.

Procurement experts have already undertaken a rigorous exercise to identify VolkerSmart Technologies as the best value installation and maintenance provider, which means you can focus your time and resources on working with our experts to deliver projects that meet your organisational needs and support the transition to net zero.

Having delivered numerous EVCP projects for local authorities, VolkerSmart Technologies understands your priorities, such as the fundamental importance of delivering wider social value outcomes. These frameworks are being extensively used to deliver a range of strategies, customer requirements and programmes. Several local authorities have already delivered successful EVCP projects under them.



# ABOUT THE FRAMEWORKS



# WHAT EVCP FRAMEWORKS ARE AVAILABLE?

There are four frameworks available to you, through which you can procure the services of VolkerSmart Technologies for the design, installation and maintenance of EVCP. These are:

1. **Transport Technology and Associated Services by Crown Commercial Services**
2. **Vehicle Charging Infrastructure by the Eastern Shires Purchasing Consortium**
3. **EVCP Infrastructure by Efficiency East Midlands**
4. **EVCP installation and maintenance by Crescent Purchasing Consortium**

Each framework provides a best value procurement route for EVCP projects allowing either for direct award or further competition, opening up your requirements to multiple providers. These frameworks provide an efficient, value for money procurement solution for local authorities and other public sector organisations.

The frameworks are flexible, meaning you can engage our teams on a feasibility, design and install, install/construct only or a full end-to-end service, including aftercare. Our EVCP experts will support you with optioneering, feasibility and appraisal services required to build a robust EVCP solution. We will provide early input in the design and planning phase.

We will work with you to produce the optimum design for you and your community. Once the design is agreed, our in-house specialist construction team will manage and deliver the installation works to the agreed price and programme.

We will work with you to mitigate risks and develop a customer-set target price or lump sum within your budget and parameters. We can support discussions on EVCP funding opportunities. We have organisations within our supply chain looking for the correct projects to fully fund or match fund and support. We can also support with securing funding from the Office for Low Emission Vehicles (OLEV).

## Fast and efficient way to engage approved EVCP providers.

Procuring EVCP strategies through these frameworks means no project specific OJEU/FAT notices are required. This eliminates the administration required with managing a tender process and provides a swifter programme from scope to installation.

By using a framework, you'll be guaranteed access to the best EVCP delivery partners in the marketplace at competitive, market-tested rates.

VolkerSmart Technologies has been ranked highly by our public sector clients for demonstrating excellence in technical capability, resource capacity, financial competitiveness and a collaborative culture and behaviours.

The frameworks provide access to a vast range of EVCP infrastructure solutions including fast/rapid and ultra-rapid EVCP and compatible back-office solutions from market leading providers. Awarded providers can supply, deliver, install and commission EVCP to your specifications, using the latest technology. Both purchase and lease options can be provided.

The servicing and maintenance of existing EVCP, consultancy services and emerging technologies, including battery energy storage, vehicle to grid, car port chargers, wireless chargers, bi-directional chargers, integrated sockets, mobile chargers, bus chargers and opportunity chargers are also available.





# WHO CAN USE THE FRAMEWORKS?

**Though focused on local government and public sector, the frameworks can be used by a far wider range of organisations and businesses.**

The frameworks are available for use nationally by any public body in the UK including, but not limited to:

- Local authorities
- Educational establishments including academies
- Central Government departments and agencies
- Police, fire and rescue and coastguard emergency services
- NHS and HSC bodies, including the ambulance service
- Public sector arms length bodies
- Registered charities
- Registered social landlords
- The corporate office of the House of Lords
- The corporate office of the House of Commons
- Any public body established by or under the Scotland Act 1998 or any Act of the Scottish Parliament.

# HOW ARE THE FRAMEWORKS ACCESSED?

The frameworks can be accessed by signing a user agreement. This agreement is between you (the purchasing authority) and the framework authority (the organisation that commissioned the framework). It enables the release of any sensitive commercial information and other requirements between both parties and provides a set process to follow, with support from the framework management support team. Once the agreement is signed you can work with our delivery team to develop the scope, method of delivery and costs of a project.



# ROADMAP TO ACCESS THE FRAMEWORKS

CUSTOMERS WHO USE A FRAMEWORK CAN GET A PROJECT STARTED MUCH MORE QUICKLY THAN THROUGH THE TRADITIONAL PROCUREMENT ROUTE

You identify the need for EVCP

## STEP 1 Request use of the framework

Review the frameworks and select the lot which matches your needs. Confirm your desire to use the particular framework and access the benefits offered by the streamlined procurement process.

## STEP 2 Obtain and review the framework user agreement

The framework commissioning team will provide you with access to the draft user agreement, schedules and guidance material detailing the options available to you. The user agreement is a standard form ready for you to sign. In many instances, the agreement has been vetted by numerous local authorities.

## STEP 3 Produce a short project brief

Complete a short template document used to provide key information relating to the project, detailing your requirements and your procurement strategy. Support is available from the framework commissioning team and VolkerSmart Technologies' experts to discuss the options, risks and to ensure value for money.

## STEP 4 Project brief reviewed by VolkerSmart Technologies

VolkerSmart Technologies' delivery team reviews the project brief to confirm we have the capacity and capability to provide the appropriate services and to meet your requirements. We will discuss with you the best value solution, whether direct award or further competition.

## STEP 6 Develop the project scope and cost

VolkerSmart Technologies will work with you to determine the details and cost of the project. Pre-agreed framework rates and open book costing provides transparency and ensures value for money.

## STEP 5 Sign the framework user agreement

The commissioning authority framework manager and you sign the framework user agreement. Signing the agreement enables the release of sensitive commercial information.

The user agreement is the means to access the framework - not a contractual obligation to use it. Any legal and commercial advice required, up to the signing of the user agreement, is limited and therefore not recharged to the project.

## STEP 7 Award and execution

Direct award of the contract based on the scope and cost agreed. Execute work in accordance with the framework agreement and contract.

## STEP 8 Review process, lesson learned and monitor outcomes

You will receive the best possible EVCP deployment, helping to meet your net zero commitments and create an infrastructure fit for the future.



# COMMERCIAL MODEL

The organisations detailed within this document have developed their frameworks by building on their unrivalled knowledge of the public procurement sector, as well as learning from other leading public and private infrastructure providers.

Their framework arrangements promote collaborative working between you, the delivery partners and local communities, from the initial planning stages of a project right through to its completion. The frameworks are flexible and give you the opportunity to engage VolkerSmart Technologies in the way that best suits your need and project.

## **Pre-agreed framework rates**

VolkerSmart Technologies is committed to costing models that include business management, overheads and site management costs. Fees and rates are fixed to indices for the framework's duration. We are contracted to competitive rates, derived from a rigorous two-stage tender competition.

Fees and rates are specific to this market and reflect the work within the geographical areas included within each framework area. This gives you clarity, with competitive costs that directly relate to the scope of your project.

## **Support from framework experts, if required**

Each framework gives you access to independent experts, available to provide commercial, legal or procurement guidance. Also, you will have free access to specialist support, via VolkerSmart Technologies' preconstruction team and its wide network of supply chain component partners and consultants.



# FRAMEWORK DETAILS

Framework	Crown Commercial Services (CCS) Transport Technology and Associated Services Framework (Agreement RM6099)	Eastern Shires Purchasing Organisation (ESPO) Vehicle Charging Infrastructure 2	Efficiency East Midlands (EEM) EVC Infrastructure (reference EEM0064)	Crescent Purchasing Consortium (CPC) EVCP installation, supply and consultation maintenance
About/ history	CCS plays an important role helping the UK public sector save money when buying common goods and services. It is the biggest public procurement organisation in the UK. It uses its commercial expertise to help buyers in central government and across the public and third sectors to purchase everything, from locum doctor services and laptops, to police cars and electricity. With the collective purchasing power of its customers, plus procurement knowledge, it can get the best commercial deals in the interests of taxpayers.	ESPO is a local authority owned purchasing and supply consortium. It is jointly owned by the County Councils of Cambridgeshire, Leicestershire, Warwickshire, Lincolnshire, Norfolk and the City Council of Peterborough.  ESPO has over 40 years of experience in public sector procurement and is a not-for-profit, self-funded organisation. Its specialist buying teams have extensive experience of providing high quality procurement solutions to the public sector on a nationwide basis.	EEM is a not-for-profit procurement consortium set up to drive cost and efficiency savings in the public sector. Since 2010, EEM and its members have worked together to deliver comprehensive, yet simplified, procurement solutions, which offer a wide range of compliant, competitive and high-quality products and services.  EEM's vision is to develop a collaborative working approach, which delivers the fullest possible range of organisational, financial and social benefits.	CPC is a purchasing consortium, owned and run by the further education sector. It provides members with specialist advice on best spending practices and how to obtain best value for money. Their main purpose is to produce purchasing frameworks, compliant with procurement regulations, to make the sourcing of goods and services easier for its members.  CPC is part of CPL Group, a registered charity that invests in the education sector. When you use a CPC framework, 10 percent of the profits are gift aided to the charity.
VolkerSmart Technologies is an approved supplier on the following lots	<b>Lot 5 - Sustainable transport technologies</b>  EVCP equipment and associated services, inclusive of installation and back-office systems where necessary (e.g. Standard and Fast Single Phase, Three Phase AC and Rapid AC/DC for electric vehicles), inductive 'wireless' chargers (static and 'in motion'); access and payment solutions (e.g. RFID, PAYG, membership).  Charge Point Management Systems (CPMS); and portable and transportable electrical energy storage and recharging solutions.	<b>Lot 1 - Purchase and installation of EVCP</b>  This lot covers the outright purchase of EVCP. Providers can supply, deliver, install, commission, warrant, and maintain EVCP to your specifications. Turnkey/ end-to-end solutions are available, or you can pick and choose which elements you require from the supply chain. All types of charger are covered e.g. fast/rapid/ultra-rapid, AC, DC, etc. Call-offs can be made via direct award or further competition.  <b>Lot 4 - Service and maintenance</b>  This lot covers service and maintenance of existing EVCP for those that are either out of maintenance cover or warranty. It allows you to procure ongoing charger support.	<b>Lot 3 Supply, installation and maintenance of EVCP</b> for purchasing slow, standard, fast and rapid EVCP. It includes supply of equipment, works, commissioning, testing, certification, training, handover, technical support, connections, warranties, monitoring, reactive and proactive maintenance, repairs, troubleshooting and upgrades.	<b>Lot 1 - Supply and installation for purchasing slow, standard, fast and rapid EVCP</b>  It includes but is not limited to: supply of equipment, works, commissioning, testing, certification, training, handover, technical support, connections, warranties, monitoring, software for EVCP, reactive and proactive maintenance, repairs, troubleshooting and upgrades.  <b>Lot 3 - Maintenance services</b> for servicing existing EVCP infrastructure.
End date	5 November 2023 + 2 year extension	25 October 2023 + 2 year extension	January 2024	13 August 2023
Further information	<a href="#">Crown Commercial Services</a>	<a href="#">ESPO</a>	<a href="#">EEM</a>	<a href="#">CPC</a>



# FLEXIBILITY TO MEET YOUR EVCP NEEDS

**Option 1:**  
Early project and supplier  
engagement

**Option 2:**  
Construct/ install only

**Option 3:**  
Design, supply and install

**Option 4:**  
Design, supply, install and  
maintain



## Option 1

### Early project and supplier engagement

Our experts can work with your designers or we can introduce our own designers to the conversation.

We can undertake surveys of your locations to optimise EVCP and cable positioning. This supports development of a turnkey solution, whilst supporting accurate costing of options.

We help you to optimise and clearly define the scope, including product selection, and works information, and to mitigate risk, in advance of setting a realistic and achievable specification, programme and price.

Our early input will help reduce project risk. We can support with the development of a future proofed solution enabling sustainable solutions to be developed and delivered.

We can also support with detailed information on funding applications.



## Option 2

### Construct/install only

You can still engage VolkerSmart Technologies on a construct/ install only basis if you have a detailed design, have selected your products and if you plan to procure your EVCP, hardware/ back office support in-house.

Our team will work with you to develop an open book target price or fixed lump sum based on your project design and preferred commercial model. Once the price is agreed, our team will be able to quickly mobilise and start construction works, without the need for a protracted and costly tender process. We are able to undertake additional civil engineering and infrastructure works associated with the installation of EVCP - for example, modifications of car park layouts, surfacing and line marking.

Using a framework is an excellent way to reduce procurement costs to enable swift mobilisation and to provide the opportunity to test design, cost and risk ahead of starting on site.



## Option 3

### Design, supply and install

VolkerSmart Technologies can provide a full design and installation service, with the EVCP and associated hardware procured by us. We can advise on the EVCP products which are most suited to your needs.

You receive the benefit available from the framework, by engaging our high performing preconstruction team to develop the project scope, and budget costings, survey the sites, support business cases, undertake detailed design and deliver the installation construction works.

In addition, we can assist with grant funding applications.



## Option 4

### Design, supply, install and maintain

As option 3, but with the extra benefit, upon final commissioning of the project, of a reactive and planned maintenance aftercare package, including a two-hour emergency response service.

This means you have the assurance that any faults will be rectified swiftly and we will develop a service level agreement with you. Typically, the maintenance period will be for five years and will mirror the warranties normally associated with the hardware/ component's providers. We can provide maintenance periods of alternative length, as required.

You receive maximum benefit available from the framework, by engaging our high performing delivery team to develop the project scope, and budget costings, and to install and maintain EVCP.



# OUR PROJECTS



# PARK AND CHARGE OXFORDSHIRE

**VolkerSmart Technologies is delivering EVCP across four districts in Oxfordshire, on behalf of renewable energy solutions specialist, EZ-Charge Ltd.**

Following the project's pilot installation of six units in Bicester in 2020, VolkerSmart Technologies is installing a further 119 EVCP in public car parks across Oxfordshire.

The scheme aims to enable residents to park overnight, with access to EVCP, for those who have no off-street parking.

This project highlights the business' ability to provide a full turnkey solution through its in-house Independent Connections team.

The project in summary:

- 125 dual 22kW EVCP designed, manufactured, and installed across 20 public car parks in Oxfordshire
- Installed associated electrical and civils infrastructure and DNO connections
- Units situated across district council car parks in Cherwell Valley, South Oxfordshire, West Oxfordshire and Vale of White Horse.

“ We are delighted to be partnering with VolkerSmart Technologies, to roll out this prestigious project throughout Oxfordshire. This project, three years in the making, offers a unique charging experience provided by the SMART EV chargers, manufactured in Bicester. We believe this will set the standard for other local authorities to follow. ”

*Phil Shadbolt OBE, CEO of EZ-Charge Ltd*





# MOJ PRISON ESTATES

**VolkerSmart Technologies has installed EVCP at seven prison estates in England and Wales for Connected Kerb, on behalf of the Ministry of Justice (MoJ).**

The installation of new EVCP will help the prison estates manage and improve security measures for people visiting its sites, and support the switch to a long-term sustainable approach. The MoJ is introducing electric vehicles into its fleet to save fuel costs and reduce its environmental impact, with the goal of operating a fully electric fleet.

The works demonstrate VolkerSmart Technologies' extensive experience in working collaboratively to install a range of EVCP safely and efficiently, in a wide range of challenging locations.

The project in summary:

- 24 22kW EVCP installed
- Sites include: Cardiff, Swansea, Bristol, Dartmoor, Guy's Marsh in Shaftesbury, Portland in Dorset and Parkhurst in Newport, Isle of Wight
- Electrical surveys prior to works beginning
- Worked with Connected Kerb to install bespoke designs based on electrical survey findings
- Worked in a high security environment, with increased security checks and restricted working hours.





# GO ULTRA LOW CITY SCHEME

**VolkerSmart Technologies is installing EVCP in London, on behalf of Siemens, for the Go Ultra Low City Scheme (GULCS), a programme by the Office for Low Emission Vehicles within the Department for Transport.**

The scheme aims to encourage more people to consider switching to an electric car, to help improve air quality in urban hotspots and assist the government in meeting its emission-cutting targets.

This project demonstrates VolkerSmart Technologies' extensive experience in installing a range of EVCP, safely and efficiently, in busy, public environments, whilst working alongside the boroughs and Siemens to recommend the latest technology available and offer best value for money.

The project in summary:

- Installation of c550 EVCP across several London boroughs, including Chelsea and Westminster, Islington, Sutton, Brent and Wandsworth
- Installation of a further 700 EVCP planned in the near future
- Site surveys to find suitable lamp columns and bollards to install or mount EVCP to
- 24/7 planned and reactive maintenance service on approx. 1,300 EVCP, including six-monthly routine electrical inspection testing.





# GO ULTRA LOW OXFORD

VolkerSmart Technologies worked in partnership with Franklin EV, for Oxford City Council, to increase the number of EVCP available throughout Oxford.

As part of a phase one trial for Oxford City Council's 'Go Ultra Low Oxford' project, VolkerSmart Technologies installed on-street, standalone EVCP, for residents with no access to a driveway. The team also installed domestic wallbox units, which are powered by each household's consumer unit, securing them against electricity theft.

Keeping safety front-of-mind, an innovative, covered channel was developed to run a charging cable through the footway beside each unit, reducing trip hazards.

As part of the phase two upgrade and replacement project, the team collaborated with Franklin EV, Oxford City Council and Oxfordshire County Council, to deliver a new build-out solution to move EVCPs from the footway to the highway.

The project in summary:

- Installed nine on-street, standalone units
- Installed five domestic wallbox units, powered by the household's consumer unit
- EVCP fitted with extra-long charging cables and smart energy meters, to monitor usage
- Wallbox units are waterproof and secure from electricity theft



“ One of the main challenges we face in Oxford is space for on-street chargers, and the Council is creating solutions for residents without off-road parking, who are therefore unable to install their own charger. VolkerSmart Technologies was very collaborative in its approach. ”

*Phil Shadbolt OBE, CEO of EZ-Charge Ltd*



# MEET OUR TEAM

Should you require further information about our capabilities within the EVCP sector, to find out how to access any of the frameworks, or to discuss your individual requirements, please contact:



**DAVID EASTON**  
**OPERATIONS DIRECTOR**

[david.easton@volkerhighways.co.uk](mailto:david.easton@volkerhighways.co.uk)

David joined VolkerHighways in April 2007, bringing extensive street lighting experience. Throughout his time with VolkerHighways, he has led our lighting team through a period of technical change in the sector, helping to secure our place as a leading street lighting service provider.

With over 30 years' experience in the street lighting industry, David brings strong operational and technical knowledge as well as HSEQ leadership.

David has also been instrumental in the development of our VolkerSmart Technologies business, by building collaborative relationships with key technology providers.



**JAMES BEDFORD**  
**PRECONSTRUCTION MANAGER**

[james.bedford@volkerhighways.co.uk](mailto:james.bedford@volkerhighways.co.uk)

James has worked for VolkerHighways and VolkerSmart Technologies for over fifteen years. Together, with David Easton, he has supported the sustainable growth of the business in EVCP and highways electrical assets. James focuses on the preconstruction phases of projects, providing accurate pricing and ensuring that our proposed solutions will meet our clients' needs. James has in-depth knowledge of the EVCP frameworks and public sector procurement.



**BOB PIZZEY**  
**BUSINESS DEVELOPMENT DIRECTOR**

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Bob brings with him over 40 years' experience in highways infrastructure, leading business development for our bid and technical teams, developing solutions for many of the national and regional government-built environmental initiatives.

He works with our clients to develop joint policies and strategies for the design, build, connection, and maintenance of EVCP, and communication networks, including fibre and wider smart city infrastructure.