

Town & Parish Council

**EV Charging
Infrastructure Webinar**

Chair: Sarah Valdus,
Assistant Director Environment



Moment of remembrance for
HRH Queen Elizabeth II



Opening Remarks

Councillor Tamara Reay
Portfolio Holder, Climate Change



EV chargers: Survey Results

Sara Grimes
Climate Team

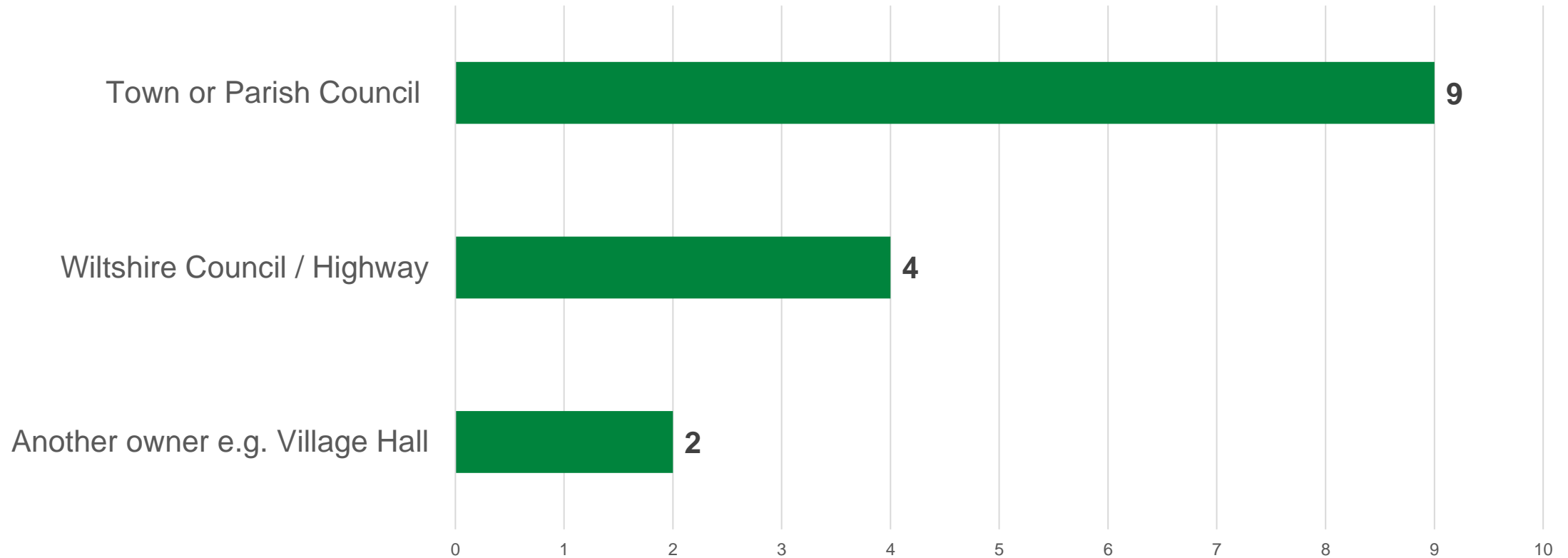


16 responses

- Tytherton Village Hall
- Calne Without Parish Council
- Corsham Town Council
- Westbury Town Council
- Ludgershall Town Council
- Market Lavington
- Devizes Town Council
- Nadder Community Energy
- Bratton Jubilee Hall Management Committee
- Salisbury & S.Wilts. District Scout Council
- Amesbury Town Council
- Wootton Rivers Village Hall
- Salisbury City Council
- Easterton Parish Council
- Sherston Village Hall/ Sherston Parish Council / Sustainable Sherston

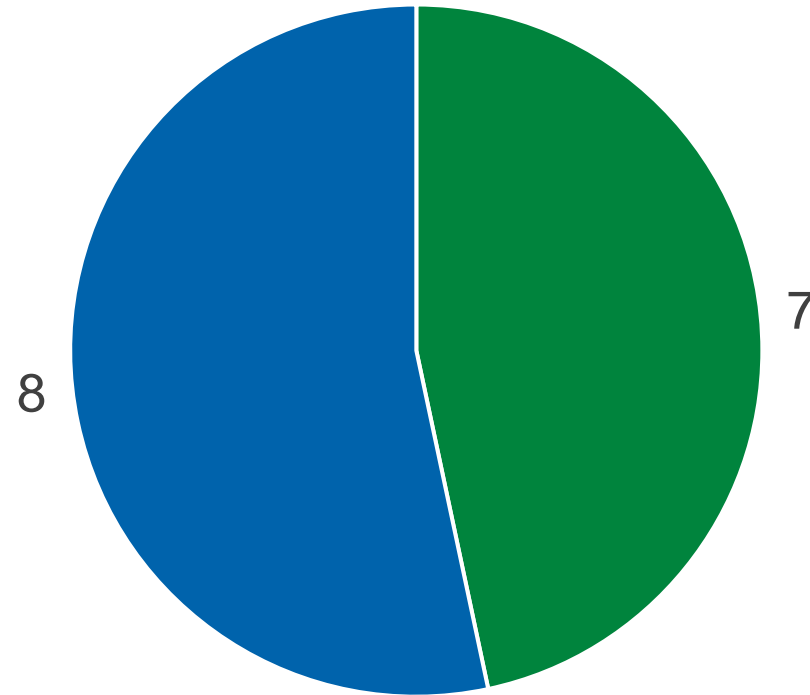
This is just a preview. The survey closes on 3rd October and results will be circulated to all respondents.

Do you have sites for chargers in mind and who owns them?



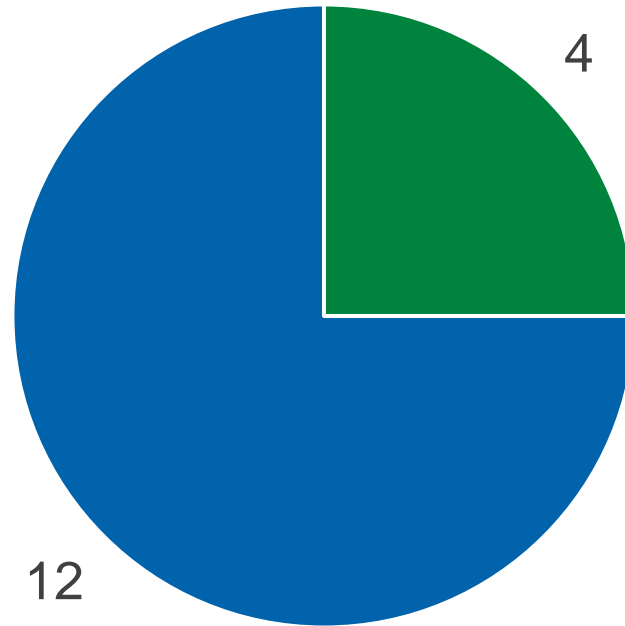
→ 15 respondents have sites in mind (some have several sites!)

Has your organisation taken steps to installing chargers?



■ Yes ■ No

Have you already installed chargers?



■ Yes ■ No

Future EV Strategy

Robert Murphy
Principal Transport and Development
Manager



Taking Charge: the national EV infrastructure strategy

We have a clear vision for the country's future charging infrastructure.



Everyone can find and access reliable public chargepoints wherever they live.



Effortless on and off-street charging for private and commercial drivers.



A reliable network of high powered chargepoints along major roads.



Fairly priced and inclusively designed public charging, trusted by consumers.



Market-led rollout for the majority of chargepoints, backed by competition.



Infrastructure seamlessly integrated into a smart energy system.



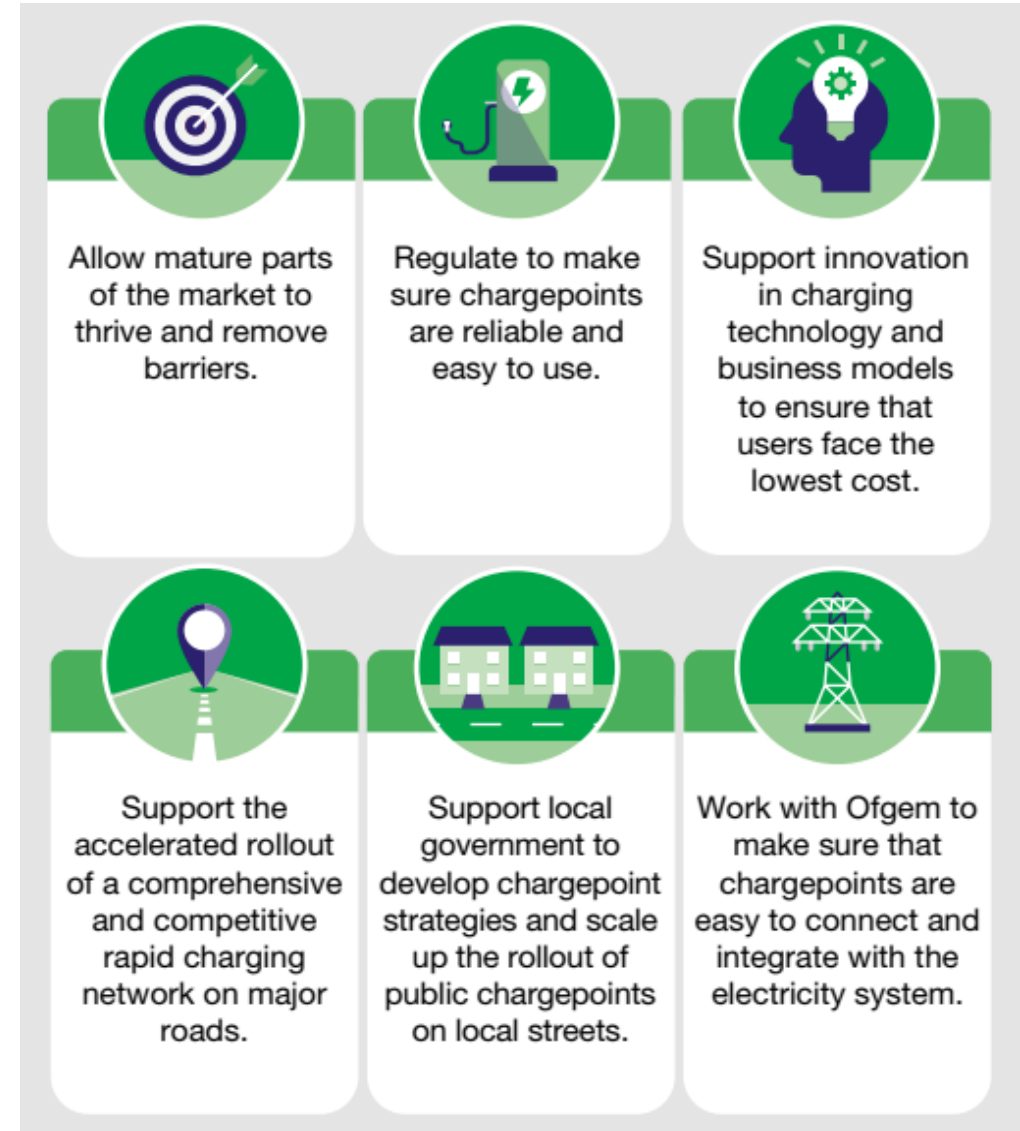
Continued innovation to meet drivers' needs.

Taking Charge: Key Challenges

- The pace of rollout across the country is too slow for some charge point types, particularly public on-street charging.
- The business case for commercial deployment can be challenging in some areas.
- Connecting new charge points to the electricity system can be slow and expensive.
- In some areas, there is not enough local engagement and leadership for charge point rollout .
- Too often, the public charging network lets people down.

Taking Charge: Strategic Pillars

- The strategic pillars summarise what the Government will do to accelerate chargepoint deployment across the country to deliver its vision and address the challenges.
- The Government highlights, however, that it cannot do this alone and will therefore work with organisations from across sectors to make its vision a reality.



Taking Charge: Roles and Responsibilities

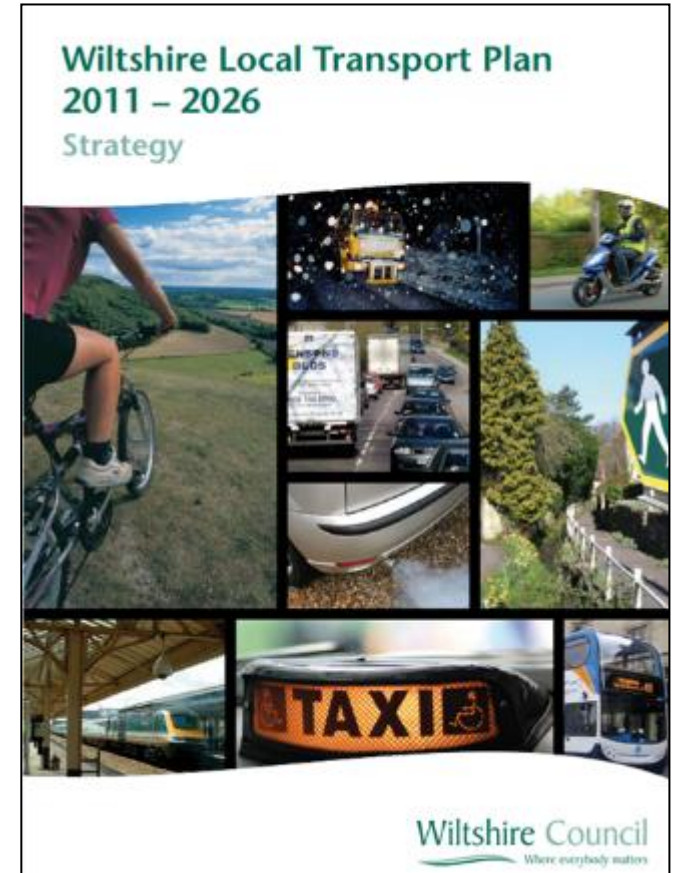
Organisation	Summary of role and responsibilities
Central government	<ul style="list-style-type: none">• Set the overall vision for the UK's electric vehicle charging infrastructure network.• Define outcomes and measure and monitor progress.• Provide the legislative, regulatory, funding and support frameworks to deliver a well-functioning, competitive market with targeted interventions where required.
Local and Mayoral authorities	<ul style="list-style-type: none">• Develop and deliver ambitious tailored local EV charging infrastructure strategies that provide scaled, commercially sustainable public charging provision. They should align with wider local transport and energy decarbonisation policies.• Ensure clear ownership and resourcing of the planning and delivery of EV charging infrastructure rollout.• Ensure local chargepoints are inclusively designed and accessible for residents, businesses, and visitors, and in line with local authorities' legal obligations.• Ensure internal processes for the installation of chargepoints (for example grant permissions) are efficient, fast and easy to navigate for those working with local authorities.
Sub-national Transport Bodies	<ul style="list-style-type: none">• Lead assessments of demand across their regions to assist local authorities and electricity network operators in the planning of chargepoint rollout.

Taking Charge: Roles and Responsibilities

Organisation	Summary of role and responsibilities
Ofgem	<ul style="list-style-type: none">• Ensure the electricity network is ready for the transition to EVs.• More widely, regulate the energy industry to support delivery of decarbonisation of the energy system.
Electricity network operators	<ul style="list-style-type: none">• Facilitate fast and efficient connections of EV charging infrastructure to the grid.• Support local authorities in planning chargepoint delivery and chargepoint operators in delivering projects.
Chargepoint operators	<ul style="list-style-type: none">• Provide convenient, reliable and affordable charging infrastructure that meets all legal and regulatory requirements.• Collaborate with local governments to help develop appropriate local charging strategies and solutions, and bid into tenders.• Develop and innovate, supporting long term growth of the sector and creating jobs across the UK.

Local Transport Plan

- Statutory requirement (Transport Act 2000 / Local Transport Act 2008).
- Act requires that Local Transport Plans (LTPs) contain policies (strategy) and implementation plans (delivery proposals) and also sub-strategies (public transport, freight, etc).
- Provides the local framework for transport for the council and others.
- Duty to consult statutory consultees and other bodies.
- Other supporting parallel statutory processes (sustainability, habitats, equality, etc).



Transport Decarbonisation Plan

- The Transport Decarbonisation Plan, published in July 2021, includes several commitments and actions needed to decarbonise transport and reach net zero transport in the UK by 2050.
- Local Authorities are well placed to deliver solutions to decarbonisation that balance public transport provision, vehicle access and active travel
- Local Transport Plans will play an important role in setting a clear path that positively contributes to the decarbonisation agenda.



TDP commitment p12:

We will drive decarbonisation and transport improvements at a local level by making quantifiable carbon reductions a fundamental part of local transport planning and funding



3

Local transport plan

Grow and level up the economy

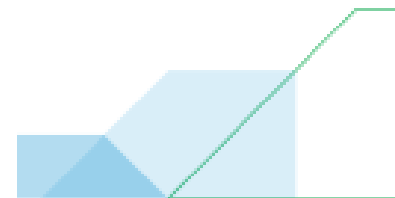
- Land use planning and housing, jobs, education, and leisure (journey destinations)
- Road and local transport enhancements
- Road/highway maintenance
- Future transport
- Freight

Improve transport for the user

- End-to-end journeys/multi modal transport
- Parking strategy
- Accessibility
- Equality and inclusion
- BSIPs
- Roads and road safety
- Technology, providing information and making more available digitally

Reduce environmental impacts

- LCWIPs
- Clean air zones/air quality
- Embodied carbon in vehicles
- Capturing carbon saving
- Climate change mitigation
- Electric vehicles and EV charging/infrastructure
- Decarbonisation plans for highway maintenance
- Mode shift



Local Transport Plan 4 Proposed Programme

1. Research and Scope: Mar – Jun 2022
2. Issues and Options (including stakeholder consultation): Jul – Dec 2022
3. Development of LTP4 Strategy / Sub-strategies: Jan – Aug 2023
4. LTP4 public consultation: Sep – Dec 2023
5. Review / Adoption of LTP4: Jan – Mar 2024

National EV Infrastructure Funding

Mark Smith
Energy Saving Trust
Regional Account Manager



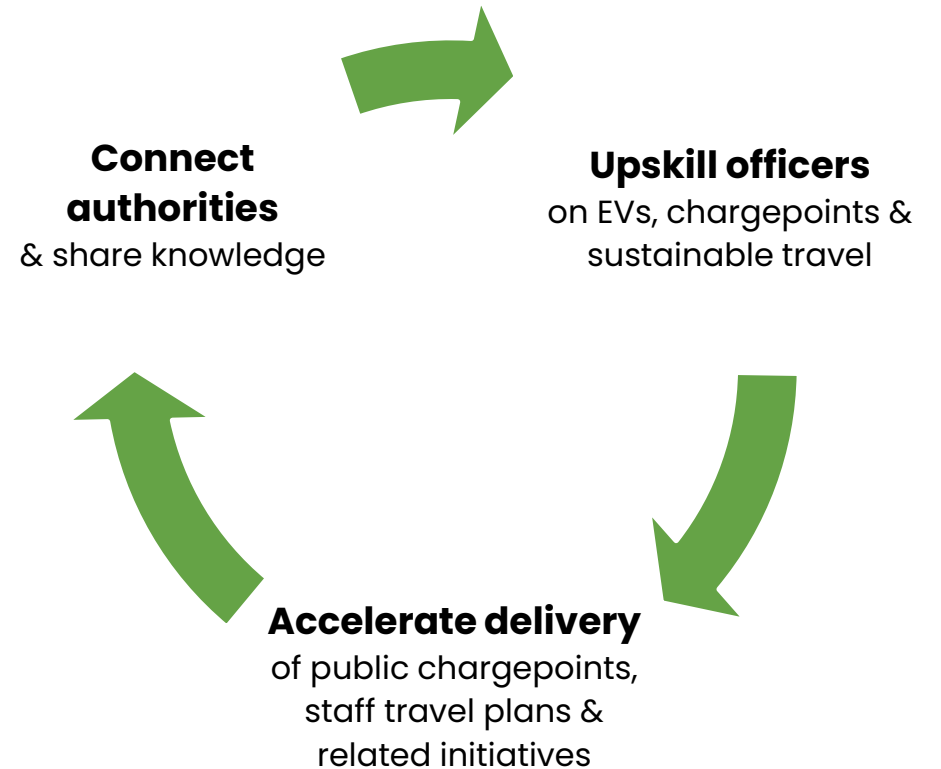
EV Infrastructure funding



About the Local Government Support Programme

We're here to help you deliver your council's ambitions on decarbonising transport and cleaner air.

- Fully funded by the Department for Transport
- Our support is free and impartial
- Open to all English councils
- 3 Regional Accounts Managers
- Specialise in EVs and sustainable staff travel
- Projects with 50+ authorities



Contact the team via our online enquiry form:

<https://energysavingtrust.org.uk/service/local-government-support-programme/>

About ORCS



Summary of funding available



£20 million is available for FY22/23 to **all UK local authorities of all types**



Demonstrating **value for money** in the application is key to securing approval



Covers 60% of **capital costs** of residential chargepoint procurement and installation



Applications will be considered on a **case-by-case basis**, with projects of all sizes welcomed



Remaining 40% must be secured from a different source



OZEV will pay 75% of the grant upon acceptance of a grant offer letter



Applicants must show why on-street chargepoints are needed for residents near proposed sites



Remaining 25% of the grant can be claimed from OZEV in arrears **upon project completion**



Total funding will not exceed £7,500 per chargepoint **unless electrical connections are exceptionally high**



Projects must complete by **31 March 2024**



In such cases, funding up to £13,000 per chargepoint **may** be provided. **Evidence of these costs must be provided**

Application documents

Application form:

- Send completed applications to [Energy Saving Trust](#) to apply.
- Include bank details on local authority-headed letter in PDF format to ensure timely distribution of funds.
- Bank details must include sort code, account number, bank account name, VAT number, council address, postcode, and a contact name and email address for remittance advice.

Office of Zero Emissions Vehicles (OZEV) guidance document:

- [Guidance](#) includes further details on funding, eligibility, technology, and FAQs.

Applications are commonly missing:



Detailed budget breakdown specifying DNO, installation, survey and hardware costs per site, **at a minimum.**



Detailed project plan (ie Gantt chart) which includes specific installation activities. Contact [Energy Saving Trust](#) for an example.



Risk register. Contact [Energy Saving Trust](#) for a template.



The specifics of any parking restrictions or TROs. A maximum stay time of less than four hours will be considered too short.



Justification for choosing 22kW chargepoints must be provided, if included in your project.

Free application support

Energy Saving Trust provides independent advice to all UK local authorities, on the preparation of an application, free of charge.

We encourage local authorities, to get in touch with us at onstreetchargepoints@est.org.uk for support.

Additional resources can be found on our [website](#), including a model application form and past webinars.

Further support in England – Local Government Support Programme

The Department for Transport-funded Local Government Support Programme (LGSP) offers free and impartial support to help you:

- ✓ better understand different chargepoint technologies and procurement options
- ✓ identify appropriate sites
- ✓ analyse any existing chargepoint data
- ✓ develop an EV charging infrastructure strategy
- ✓ engage residents and businesses

More information is available at [Local Government Support Programme](#). Please fill in the online enquiry form to get in touch with your Regional Account Manager.

Other funding



Local EV Infrastructure Fund (LEVI)



Office for
Zero Emission
Vehicles

- Total fund of £450 million to **accelerate delivery of public charging infrastructure**
- **Wider remit than ORCS** – fast and rapid chargepoints, on & off street locations (but not just rapids)
- Leverage private sector investment and promote **large, ambitious, commercially sustainable** projects
- Includes **solar canopies and battery storage** technologies
- Need to demonstrate **technical or commercial innovation** and show **value for money**
- Chargepoints **over 7.1kW** must have a minimum payment method (e.g. contactless)



<https://energysavingtrust.org.uk/grants-and-loans/local-electric-vehicle-infrastructure-scheme/>

Local Electric Vehicle Infrastructure fund (LEVI)

– learning from £10 million pilot

Part of a wider £450 million project for 2023/24

- **Test** different business, procurement and deployment models in different sociodemographic conditions.
- **Ensure** the LEVI fund has the right types of support built in for Local Authorities to deliver successful schemes.
- **Drive** ambitious, innovative and commercially sustainable projects.

Innovation =
Technical or
Commercial

Requires a wider
district or
consortium bid

Assessment Criteria

Strategic fit (10%)

= EV Strategy is vital

Meeting consumer needs (30%)

Locations where otherwise it wouldn't be + DNO

= Tackles on onstreet challenge

= Levelling up as a region

= DNO estimate or cost

Innovation (business models, delivery, technology) (15%)

= Innovative solutions from
Contactless payment to different onstreet and off-street solutions

Strength of delivery plan (15%)

Commercial + Technical Maturity & Realistic timescales and costing

= Commercial models

= Project maturity

= Project plan and support

Value for money and additionality (30%)

Private (CPO or other)/LEVI/Other public Funds

= Reduce public funding – Utilising it where it is needed

= Utilises private investment

Wiltshire Council Electric Vehicle Charging Point Infrastructure (EVCPI) Grant Scheme

Adrian Hampton
Head of Highway Operations



Electric Vehicle Charging Infrastructure Plan 2021-24

- Phase one - installation or replacement of more than 8 fast chargepoints in identified public car parks.
 - Scheduled for completion early 2023
- Phase two - installation of more than 7 fast chargepoints either new or replacement in public car parks and at other public locations including at leisure centres and tourist destinations.
 - Scheduled for completion middle 2023



Chargers to be replaced

The table shows the location and number of chargers to be installed or replaced through the EV Charging Infrastructure Plan

Joju appointed as EV chargepoint installer for all Wiltshire Council chargers



Installation site address and postcode	Type of charger	Number of Bays
Wilton (Park and Ride) SP2 OAN	7KW Fast	2
Trowbridge County Hall, Library Car Park BA14 8JN	7KW Fast	2
Borough Fields, Royal Wootton Bassett, SN4 7AX	7KW Fast	2
Station Road, Devizes, SN10 1BZ	7KW Fast	2
Tisbury Community Campus, Weaveland Road, SP3 6HJ	7KW Fast	2
Britford (Park and Ride), Salisbury, SP5 4DS	7KW Fast	2
Petersfinger (Park and Ride), Salisbury, SP5 3BZ	7KW Fast	2
London Road (Park and Ride), Salisbury, SP1 3HP	7KW Fast	2
Beehive (Park and Ride), Salisbury, SP4 6BT	7KW Fast	2
Springfield, Corsham, SN13 0BS	7KW Fast	2
Five Rivers Leisure Centre, SP1 3NR	7KW Fast	4
Melksham Campus, SN12 8DQ	7KW Fast	6
Sadlers Mead, Chippenham, SN15 3QP	7KW Fast	12
Gladstone Road, Chippenham, SN15 3DW	50KW Rapid	2
King Street, Melksham, SN12 6HB	50KW Rapid	2
Lovemead Car Park, Trowbridge, BA14 8EA	50KW Rapid	2
Central Car Park, Warminster	50KW Rapid	2
Brown Street (West), Salisbury, SP1 1HE	50KW Rapid	2
	Total	52

EV Charging Point Infrastructure (EVCPI) Grant Scheme

What: Small grants up to £2500 – can sit alongside ORCS funding if criteria are met. Intended for ‘fast’ charger suitable for resident charging (usually 7kWh chargers which provide a full charge in c7hrs).

Who: Town & Parish Councils can apply (also on behalf of Village Halls).

Where: On sites owned by Wiltshire Council or other landowner, provided the site is feasible and there is some demand and community support. Can apply for multiple sites if they are suitable.

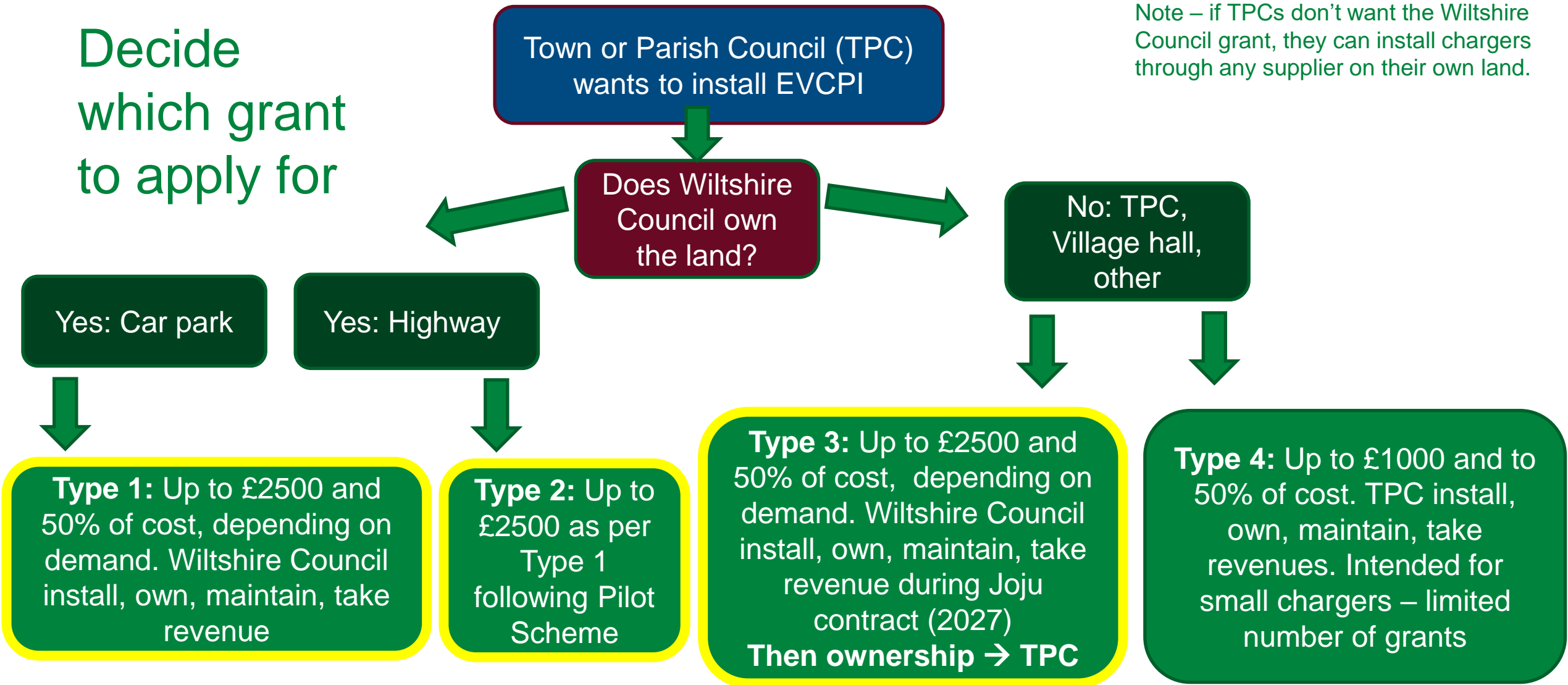
When: Open now: ***ORCS funding only certain until March 2023***

How...



Decide which grant to apply for

Note – if TPCs don't want the Wiltshire Council grant, they can install chargers through any supplier on their own land.



Yellow border = Joju installs

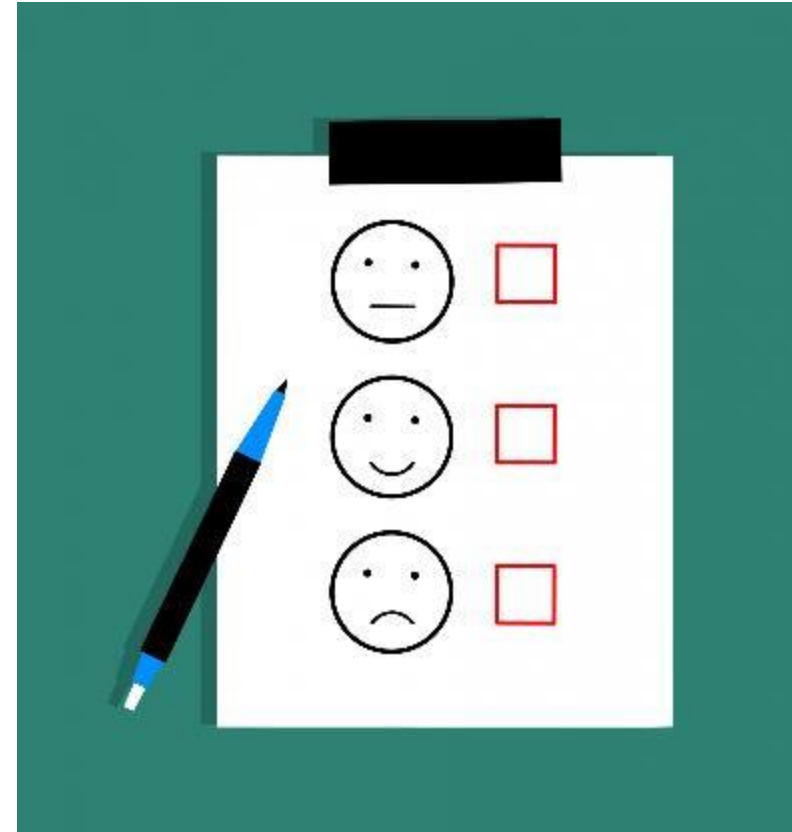
Get an assessment, ID funding, consult the neighbours

Joju can provide site assessments: contact them directly

Site assessment will estimate costs. Consider ORCS and local funding sources.

Do a resident/ amenity survey to calculate the charging demand, this will determine how much £ you can apply for.

This survey will also flag any support or objections – to be mentioned and considered in application



Apply for the funds

- First come first served
- On-street – pilot only – more challenging
- In –principle agreement if application is sound
- Wiltshire Council will pay funds once invoice for work is received
- Funding provided and installation complete within 6 months



Joju – Wiltshire Council's installer

Emma Blades
Joju Charging
Account Manager

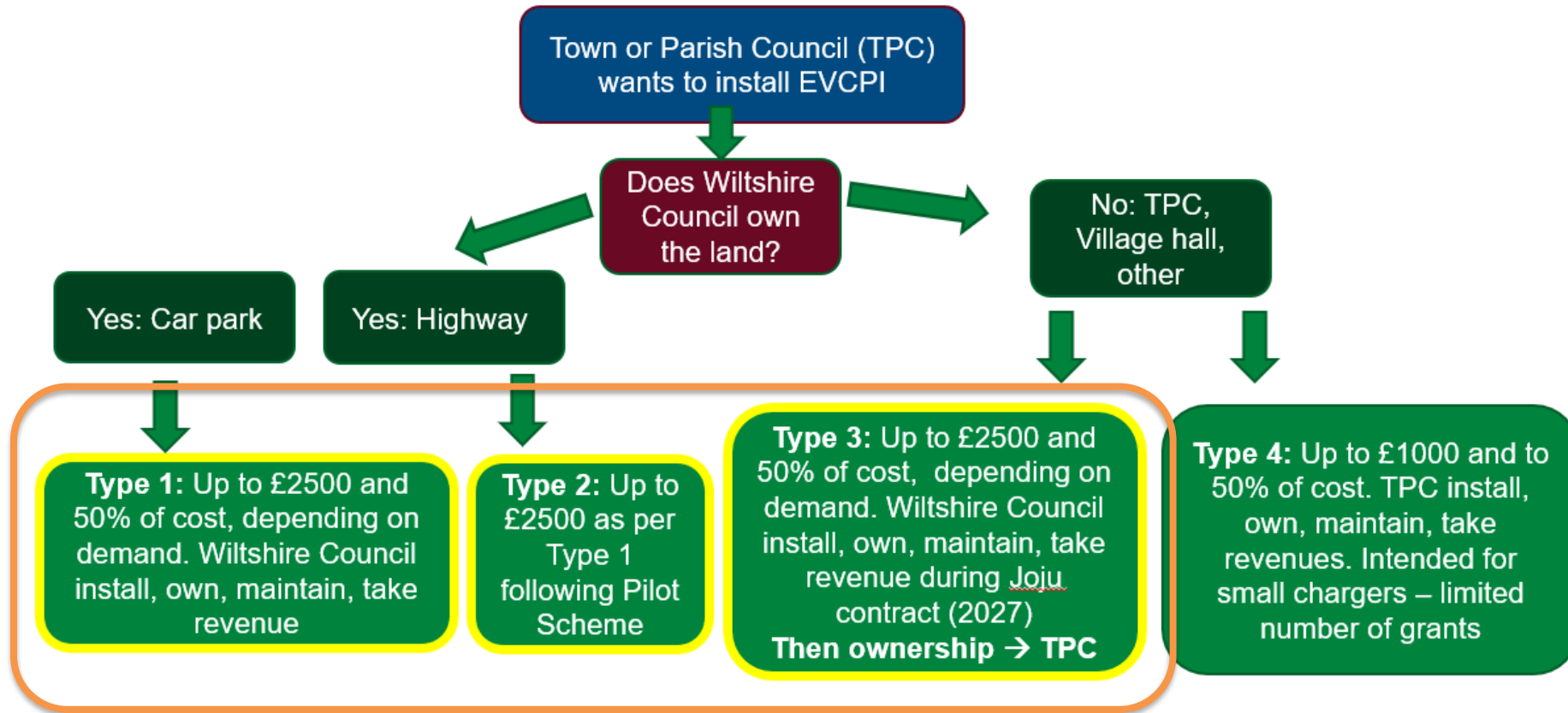


EV Charging – Wiltshire Local Councils Project



Emma Blades, Account Manager, Joju Charging - emma.blades@joju.co.uk

Joju will provide EVCPI for grant types 1,2 & 3



What can you expect?

Assessment of your sites

- Assessment of your sites
- Investigation of available capacity - grid connection or existing supply
- Proposal of installations – site design, hardware and costs
- Assistance in the application of grants



What can you expect?

Installation

- Liaison with network operator
- All groundworks and reinstatement
- All electrical works
- Signage, line painting



The user experience

- Accessing charge points
- Maximising uptime
 - 24/7 Customer service support partnered with AA
 - Reactive and planned maintenance regime
 - Monitor the usage via back-office portal



Leading the charge

Email us info@joju.co.uk using the subject **Wiltshire Council EV Charging Project**
Or find us at jojusolar.co.uk/joju-charging/



Wrap Up

- 10th October 2-3pm: Questions and answers with Wiltshire Council, EST and Joju. For those who attended this event. Registration details to follow.
- Recording and slides will be circulated
- Application guidance to be circulated for Wiltshire EVCPI grants and ORCS



Thank you!

