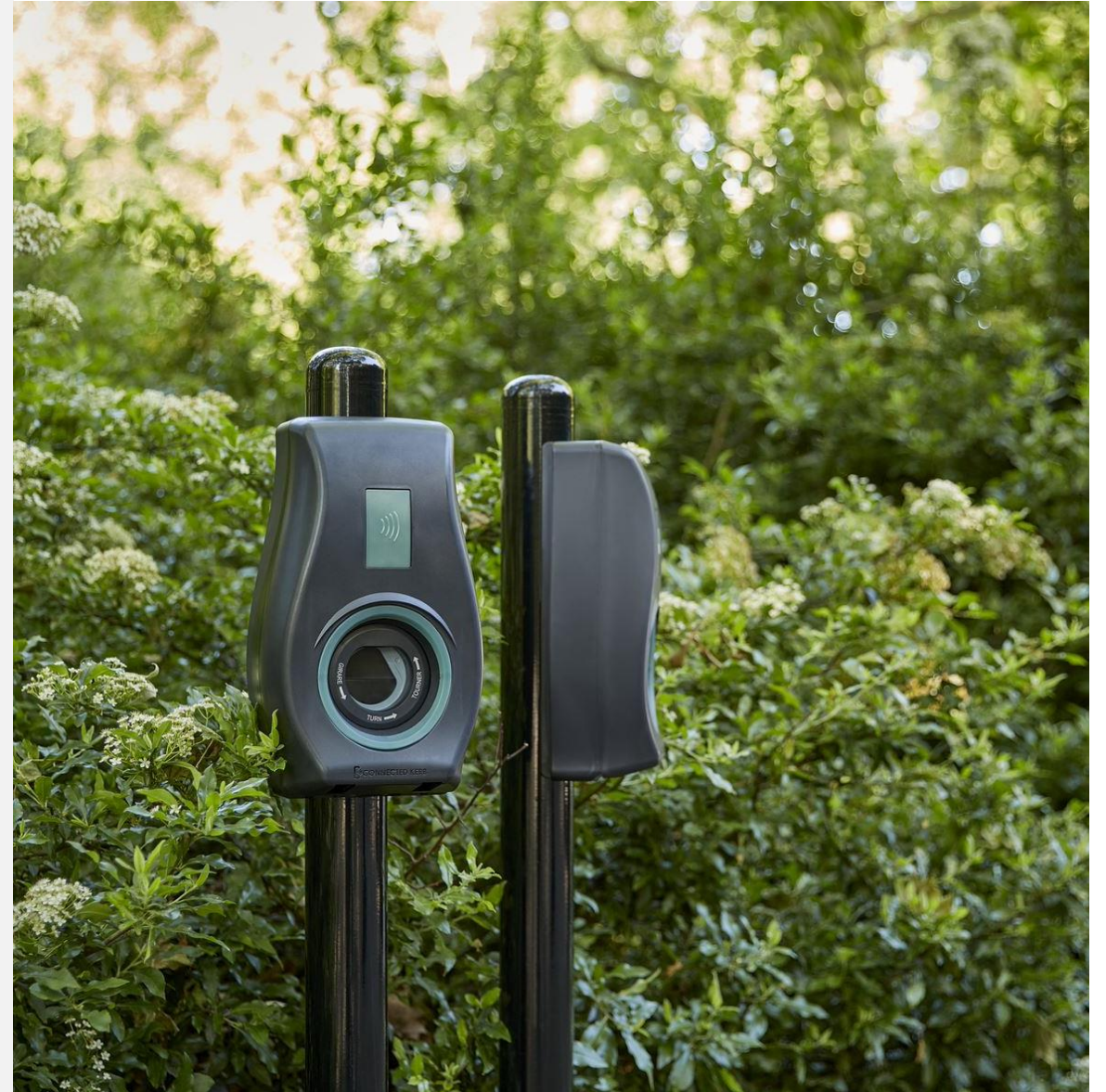




EMPOWERING TOMORROW'S JOURNEY FOR ALL

Ashleigh Braund | Sales Director

April 2023



5 years old with rapid growth trajectory in UK and overseas.

Fastest growing UK charging network: c.3000 public chargers installed in 12 months.

INTRODUCTION TO CONNECTED KERB

c.14,000 public chargers contracted in past 6 months.

8,000 public chargers planned for installation in 2023.

Focused on Long Dwell Charging - Intelligence over charging speed.

Convenience, Affordability & Reliability



THE CONNECTED KERB SYSTEM

- 01 Fast Charging:**
Easy to use, universal access, 3-22kWh smart charging.
- 02 Interchangeable Sockets:**
Post, bollard and wall mounted solutions - Ideal for crowded streets and carparks.
- 03 Smart and Connected:**
Dynamic load balancing, connected, secure and uniquely paired with IoT, WiFi and 5G technology.
- 04 Environmentally Sensitive:**
Long life, recycled materials and minimal visual impact.
- 05 Future-Proofed:**
Flexible modular design with induction capability built in.
- 06 Safe & Secure:**
Full compliance to (or above) regulations, tested and CE marked, with mid meters for accurate power records.
- 07 Efficient O&M:**
Designed for fast, efficient installation, high reliability (+99% uptime) and rapid repairs/maintenance.

FLEXIBLE PRODUCTS, CONSISTENT **PERFORMANCE**



Chameleon

Post-mounted dual sockets, replicating existing street furniture (parking posts, bollards etc.) and directly on top of below ground charging unit. Designed to minimise visual impact/street clutter.

- Networked system able to load manage across chargers
- Extremely hardwearing and secure, but with easy opening to aid repair and maintenance.

 **On-street & surface car parks**



OUR AWARDS

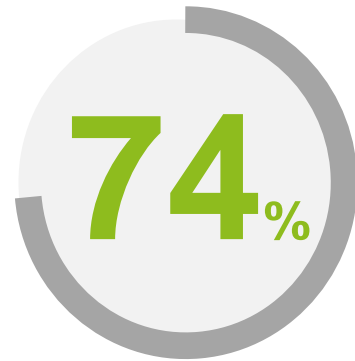
- 01 SEAL Sustainability Global Award**
Environmental Initiative
- 02 Mayor of London Civic Innovation Award**
Electric Vehicles
- 03 Green Apple Environmental Award**
Environmental Best Practice
- 04 Edies Sustainability Award**
Technological Innovation
- 05 Placetech Prize**
Startup of the Year
- 06 EVIES & EV World Congress Awards**
Best Product, Best Onstreet Charging & Best Innovation
- 07 UN's 75th Anniversary Sustainable Engineering**
- 08 Cambridge Wireless**
Most Innovative Start-Up of the Year
- 09 Frost & Sullivan**
Best EV Charging Solution

EV ADOPTION

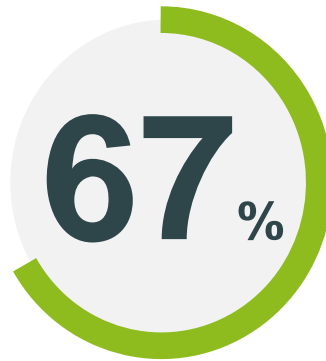
VOICE OF THE CONSUMER (2021)



said they **thought the government should install more public charging infra.**



Believed the government should do **more to educate people about the transition**



of existing EV drivers **would not have bought an EV** if they did not have access to overnight charging



62% of the population cant home charge...made up of 34% who don't have a driveway and then 28% who have a dedicated space, but away from a suitable power source.



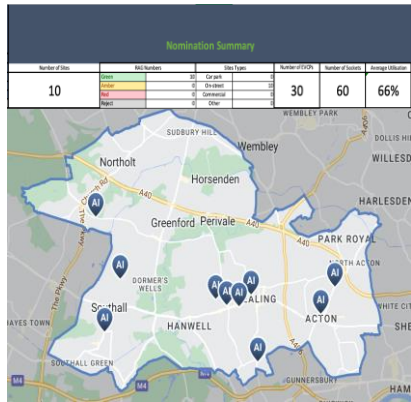
said they would be encouraged to make their next car an EV if they were **offered access to a parking space** where they could charge their EV while it is parked



PLANNING FOR SCALE

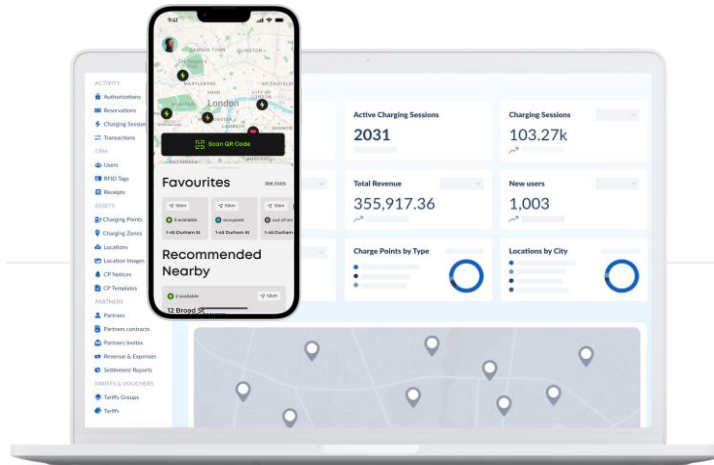


SITE SELECTION: USING DATA TO SUPPORT PLANNING AND DEPLOYMENT AT SCALE



Site Selection Tool

Explaining our ASAP tool and how it's essential for our success



Mobile App & Back Office

Understand our primary software and meet the new mobile app



Data Insights

Understand our network, get hands on with data ready to collaborate



Technical Partnerships

Network reach, to buy or to partner, internal challenger

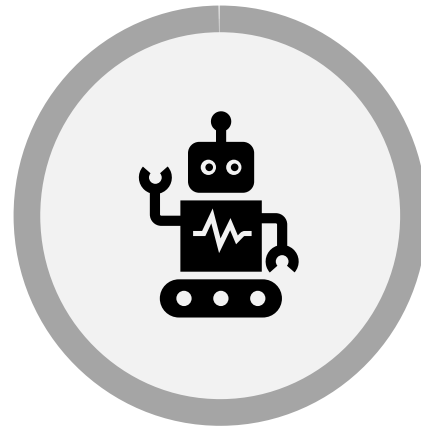
CALL TO ACTION **WHY**

Reduced effort



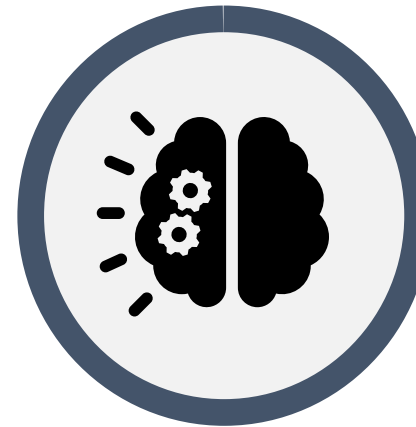
We were able to **save up to 70% of effort** compared to traditional site selection and planning, due to a smaller total land area is considered.

Automated Process



Creating a standardized process based on years of expert knowledge and industry expertise, allowed us to **save significant amount of time compared to the manual process.**

Creating IP



Our data insights created by our operating network is feed back into the tool to predict best sites.

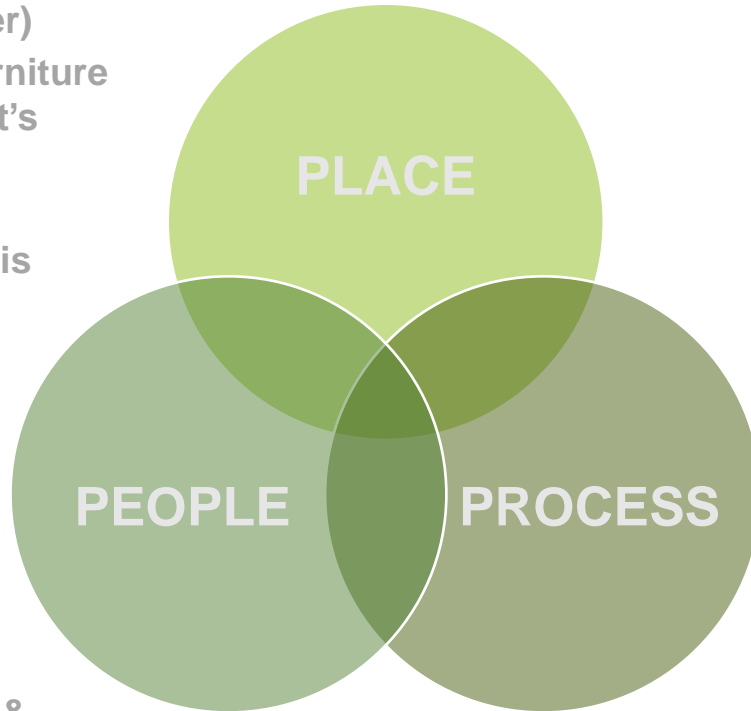
AI & Utilisation



We **back-cast real performance** with **predicted performance** to improve our algorithms and **built out our knowledge models.**

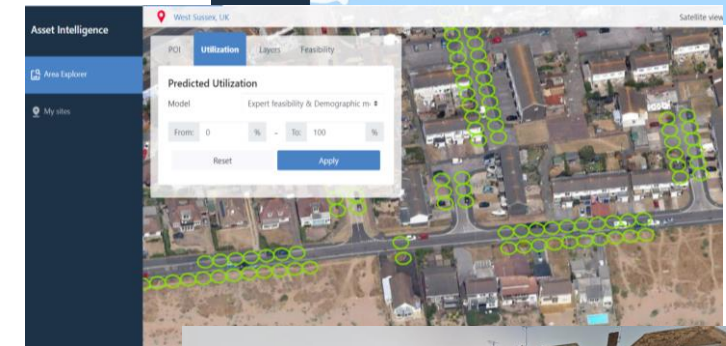
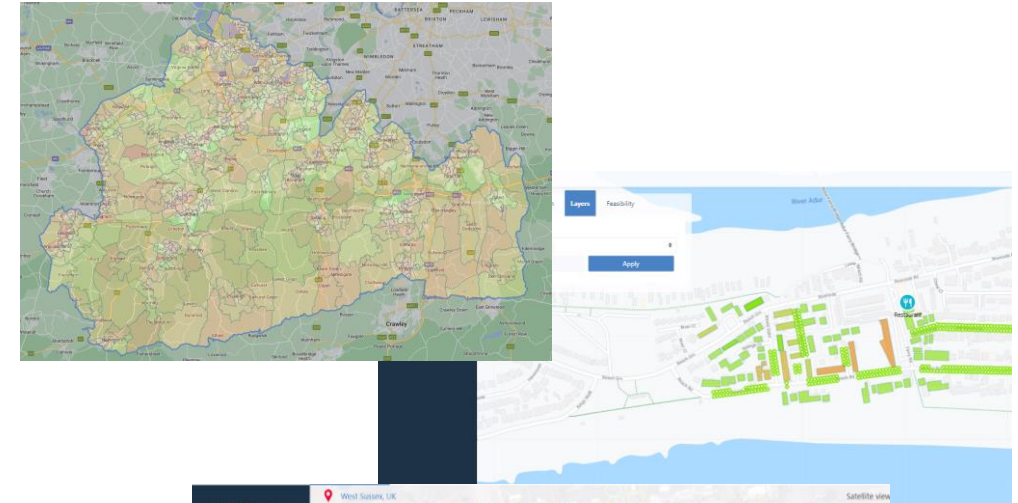
MERGING 'PEOPLE', 'PLACE' & 'PROCESS' IN A MAP BASED ENVIRONMENT

- ❖ Infrastructure (parking, pavement & power)
- ❖ Existing street furniture and devices (what's already there)
- ❖ Permits (what is permissible/what is possible?)



- ❖ Demographic
- ❖ Sociographic
- ❖ Industry data & research

- ❖ Prioritisation
- ❖ Engagement
- ❖ Utilisation & evolution



HOW DOES IT HELP TO REACH OUR GOALS?

Unique service solution



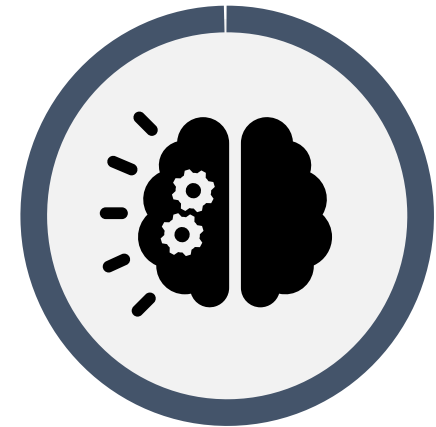
Site selection as an additional service **based on real network data differentiates us from competitors** making us stick out in the competition.

Automation for big roll-out



A standardized highly automated process **supports timely deployment of a high number** of charging points.

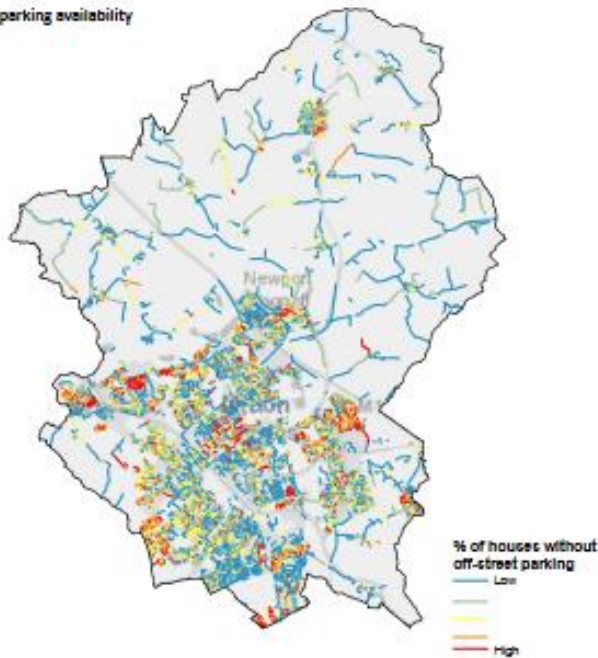
Learning with network performance (Accuracy & Expertise)



With our growing network and generated data, our models and algorithms will **improve and increase in accuracy**, which will **save time**.

EXPORTING: MAPS, DATA, REPORTS

Off street parking availability



Site #	Street Name (with Link)	Description	Parking Regulations	Suitable Bays	Proposed # EVCP	Milton Keynes Council (Eventa Millership Comments)	Western Power (Western Hub Comments)	Comment	Dedicated Bays (EVCS requested)	Total EVCP	Year 1 Activated EVCP	Comments Score (RAG)	5 Minute walk Area
3	Voddi Close	Voddi Close is conveniently located in a residential area of Volventon with little off-street parking availability.	Nil	5	5 TV (single 2 dual) charges		Establishment with System Electric Power Distribution plc	5 parallel bays available. Wide pavement and ample space for feeder pillar. There is an embedded network from The Electricity Network Company	2	5	2	0.85	
4	Owl Close	Owl Close is conveniently located in a residential area of Volventon with little off-street parking availability.	Nil	6	6 TV (2 dual) charges		HS AIG/CIIE in looting, TX 3000 V/A - connection likely	6 parallel bays available. Wide pavement and ample space for feeder pillar. There is a likely connection via an existing connection in the looting.	2	6	2	0.85	
5	Chubb Street East	Chubb Street is conveniently located in a residential area of Volventon with little off-street parking availability.	Nil	11	10 TV (5 dual) charges		HS AIG/CIIE in looting, TX 3000 V/A - connection likely. 2 x 40V cables in looting, also possible LV	11 parallel bays available. Wide pavement and ample space for feeder pillar. There is a likely connection via an existing connection in the looting.	4	10	4	0.25	
6	Macquodale Road	Macquodale Road is conveniently located in a residential area of Volventon with little off-street parking availability.	Nil	10	8 TV (4 dual) charges		unable to locate	10 parallel bays available. Narrow pavement may be an issue. There is a likely connection via an existing connection in the looting.	4	8	2	0.25	
7	Bar Place	Bar Place is conveniently located in a residential area of Volventon.	Nil	4	4 TV (2 dual) charges		HS AIG/CIIE main cable in looting, TX 2000 V/A - connection likely	4 parallel bays available. Narrow pavement may be an issue. There is a likely connection via an existing connection in the looting.	2	4	2	0.25	
8	Eton Crescent	Eton Crescent is conveniently located in a residential area of Volventon with little off-street parking availability.	Nil	4	4 TV (2 dual) charges	good location and to line wall - however potential issues with bag opposite crossover. Also related to width of verges/footway?	HS AIG/CIIE main cable in looting, TX 3000 V/A - connection likely	4 parallel bays available. Grass off the looting and ample space for feeder pillar. There is a likely connection via an existing main cable in the looting.	2	4	2	0.85	
9	Furns Way	Furns Way is conveniently located in a residential area of Volventon with little off-street parking availability.	Nil	22	6 TV (2 single, 2 dual) charges	potential however income bracket is an issue? Payment area / Agree next dt	11 Cu main cable in looting, TX 3000 V/A - connection likely	20-25 parking bays available on the traffic island with ample space for a feeder pillar. There is a likely connection via an existing main cable in the looting.	2	6	2	0.25	
10	The Square	The Square is conveniently located in a shopping area of Volventon with little off-street parking available and terraced housing nearby.	1 hour	9	5 TV (1 single, 4 dual) charges	No non-residential shopping area, lower income. Layout suitable	ESAL meters at the square, very close to 3000 V/A TX	9 parallel bays available. Wide pavement and ample space for feeder pillar. There is a potential to replace existing parking posts to minimise additional street lighting. There is a power connection available. There is a likely connection via an existing main cable in the looting.	3	9	3	0.25	
11	Green Lane	Green Lane is conveniently located in a residential area of Volventon with little off-street parking availability.	Nil	20	10 TV (5 dual) charges		11 Cu main cable in looting, TX 3000 V/A - connection likely	10 parallel bays available. Wide pavement and ample space for feeder pillar. There is a likely connection via an existing main cable in the looting.	4	10	4	0.25	
12	Southern Way	Southern Way is conveniently located in a residential area of Volventon with little off-street parking availability.	Nil	11	10 TV (5 dual) charges	potential however income	the point of connection is over 400M from the substation and LV cable is in the looting away from the south edge. TX 3000 V/A	10 parallel bays available. Wide pavement and ample space for feeder pillar. Connection is available 400m away.	4	10	4	0.85	
13	High Street, Strong Stratford	High Street, Strong Stratford is conveniently located in a shopping area of Strong Stratford with little off-street parking available and terraced housing nearby.	1 hour	8	8 TV (4 dual) charges	potential - see utility over overheads of posts but dual income anticipated good take up	11 Cu main cable in looting, very close to 3000 V/A to	8 parallel bays available. Wide pavement and ample space for feeder pillar. There is a likely connection via a main cable in looting. Length of run limited by lamp column and street lighting.	4	8	2	0.25	
14	Horwell Green	Horwell Green is conveniently located in a residential area of Strong Stratford with little off-street parking availability.	Permit Holders	12	6 TV (2 dual) charges	Potential along garden wall for most of 6 bays? High income area, vegetable growing	Small LV main cable 1000V, impedance could be a problem, 3000 V/A with smooth	12 parallel bays available. Wide pavement and grass verge with ample space for a feeder pillar. Small main cable available.	2	6	2	0.25	
15	King Street	King Street is conveniently located in a residential area of Strong Stratford.	Nil	5	5 TV (1 single, 2 dual) charges	Unlikely to be highway, small commercial units at back - not sure if residents usage high, questionable income bank/bulldozer	over 300m from TX, however it is 3000 V/A so impedance may not be a problem. This will only be established by a network survey	5 angled bays available, with 2 bays available in residents only car park. Footway with grass verge and ample space for feeder pillar. Connection available 300m away, feasibility must be established by a network survey.	2	5	2	0.15	



EVCP Site Selection Report: Austen Avenue

Issue: Final
Designer: Tomas Schuschheim
Versions: 1
Checked By: Tomas Schuschheim
Date of Issue: 9 Mar 2021
Approved By: Paul Ayres

Site Number:	Milton Keynes_34	Kerb Height:	125mm
Borough:	Milton Keynes	Footway Material:	Asphalt/grass
Road Name:	Austen Avenue, Olney	Footway Width:	+2m
Post Code:	MK46 4DL	Feeder Pillar:	Middle of run
Latitude Longitude:	52.157362, -0.699590	Parking Restrictions:	Nil
Number/Type EVCP:	8 x 7kW, 32amp	Potential Risks:	Lamp columns
Other existing EVCP:		Power supply:	62KVA

Site Overview: Austen Avenue is conveniently located in a residential area of Olney. The site has long runs of parallel parking bays, with grass off the footway allowing space for pedestrians. However, the length of potential deployments is limited by lamp columns. The site can also serve users of the Olney Youth Club. We are proposing 8 bays with 4 dual EVCPs.

Location plan / Site Photos:

8 x bays on South side of the road



EVCP Bays (indicative)



IN SUMMARY **SITE SELECTION**

Support of public participation

Overview over feasibility of sites and potential network plans

Adjustable representation of local planning requirements

Integration of local data or preselected sites

Option to plan over several phases

Convenience, Affordability & Reliability

...is a map-based tool, that brings together data and insights in order to automatically predict sites with the highest performance.



WE ARE **CONNECTED** 