

An aerial photograph of a town with a river winding through it. The scene is overlaid with glowing green and yellow energy lines that form loops and paths across the town, suggesting a network of electric power or charging stations. The lighting is warm, with a golden glow on the right side of the image.

Giving you the power to drive electric in Oxfordshire

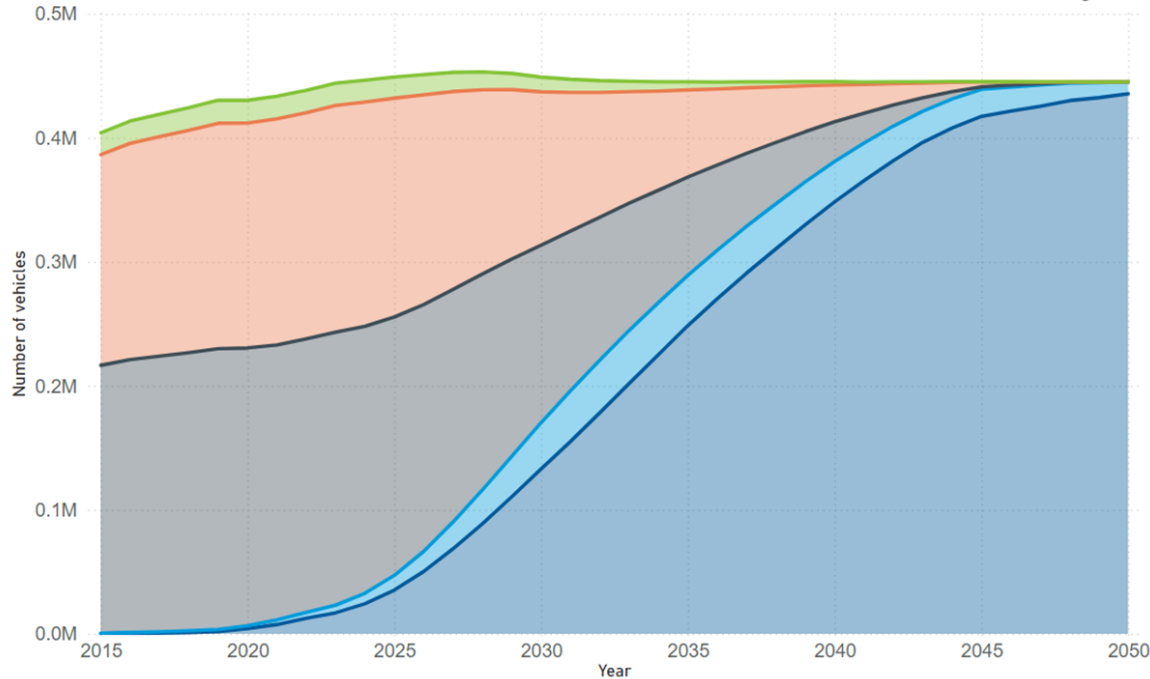
Jenny Figueiredo, EV Charging Project Manager, Oxfordshire County Council

[EVTeam@oxfordshire.gov.uk](mailto:EVTeam@oxfordshire.gov.uk)

# Oxfordshire is ahead of the curve in EV adoption

Composition of vehicle parc by fuel type

Fuel ● Battery Electric ● Other EV ● Petrol ● Diesel ● Other ICE



High - 2030 Ban

Oxfordshire - 53%

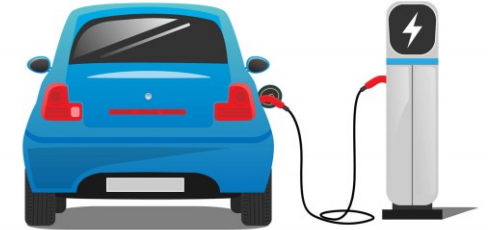
Anglia - 39%

London - 31%

Manchester & Merseyside - 28%

North-East - 28%

West of England - 26%

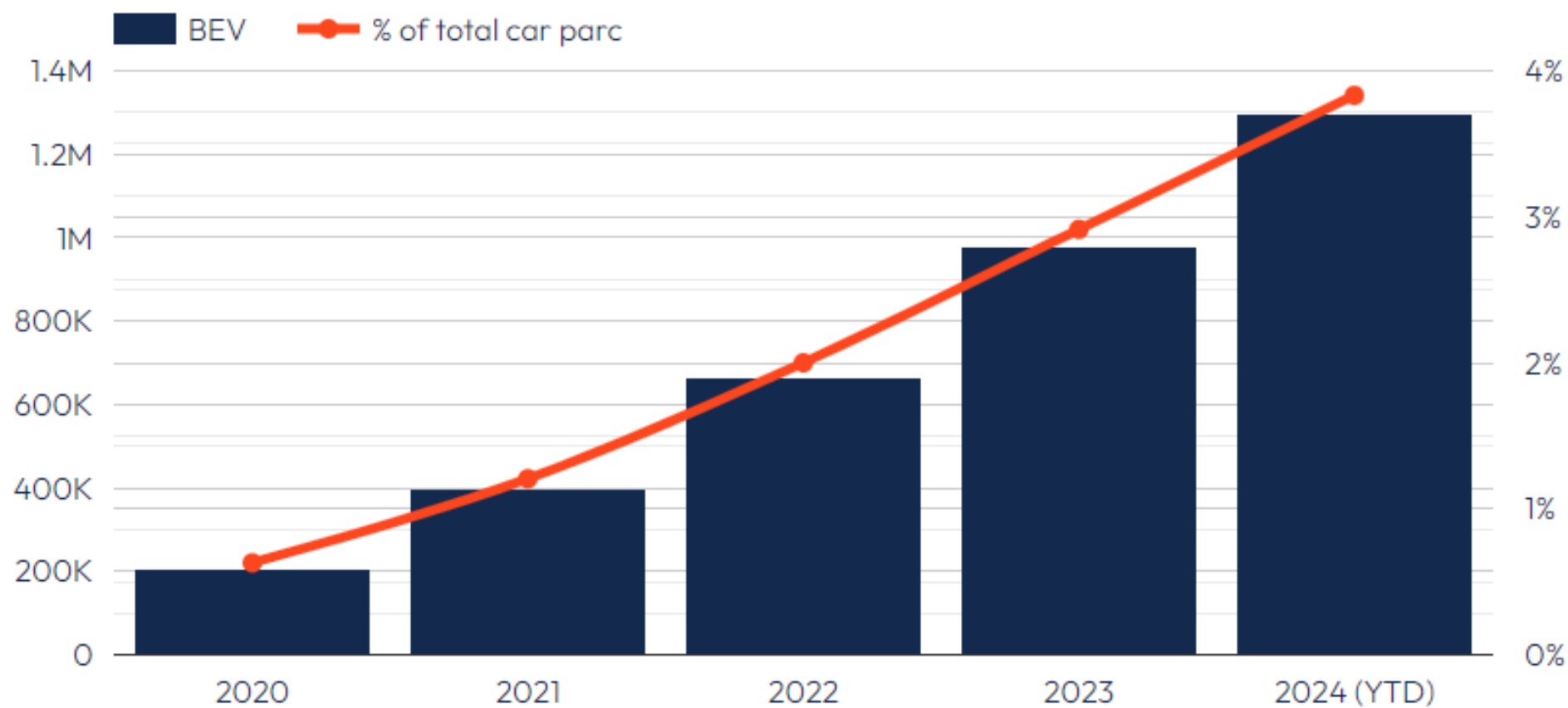


Source: <https://newautomotive.org/blog/electric-car-count-december-2022>

At end of 2023, there were almost **10,000** Battery Electric Vehicles (BEVs) registered in Oxfordshire's – accounting for **2.5%** of all cars registered here.

By **2030**, it is expected that **1 in 5 cars (20%)** on Oxfordshire's roads will be fully BEV

# Number of electric cars in the UK and percentage of total car parc



Source: SMMT and DfT, October 2024

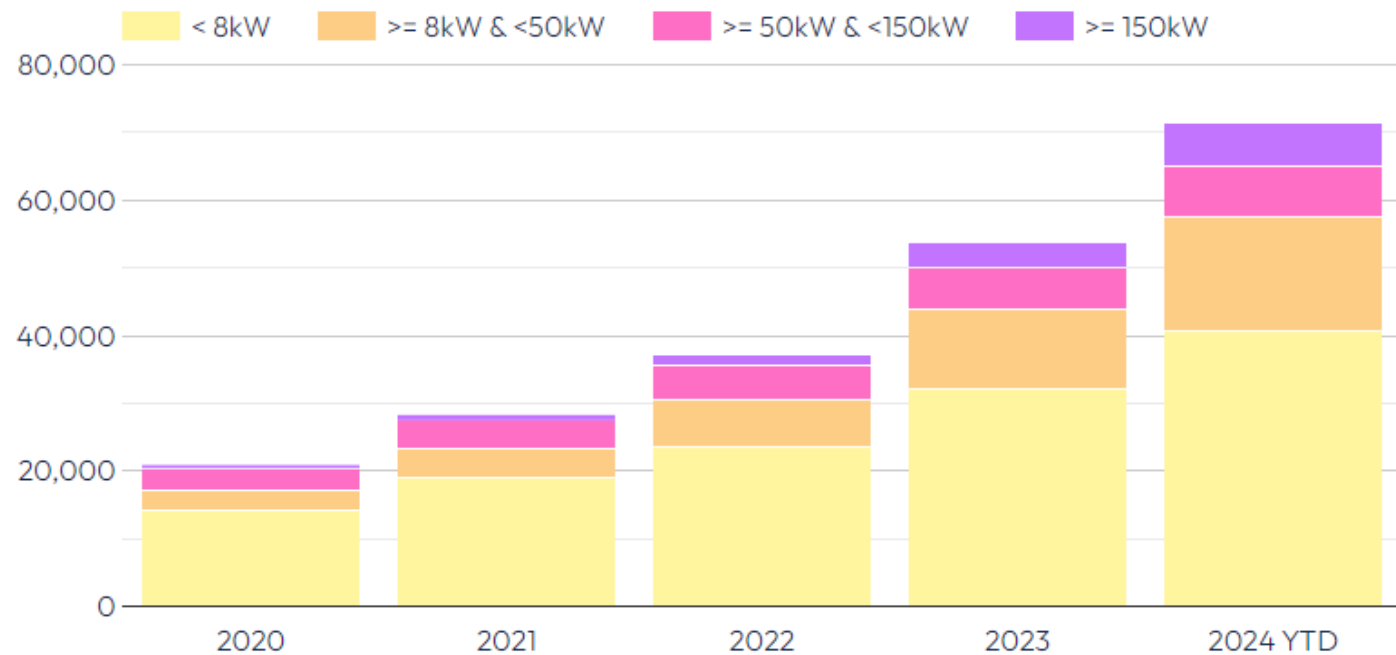


# ...but a perceived lack of public EV chargers is a barrier

	The biggest barrier for me	A significant barrier for me	Somewhat of a barrier for me	Not really a barrier for me/not relevant
Perception of limited range (miles) of the vehicles	194	326	303	277
Perception of limited range of vehicles models available	69	218	326	472
Perception of high upfront cost	351	324	263	159
Perception of a lack of second-hand market for Electric Vehicles	112	259	272	441
Perception of a lack of (reliable) public charging options	356	399	214	132
Unwillingness to change existing lifestyle	23	42	132	893
Not having enough information on electric vehicles	22	79	213	779
Not feeling ready to switch to a new vehicle	56	119	179	736
Not having access to off-street parking/a driveway to allow home charging	205	103	72	707
Other	73	33	14	215

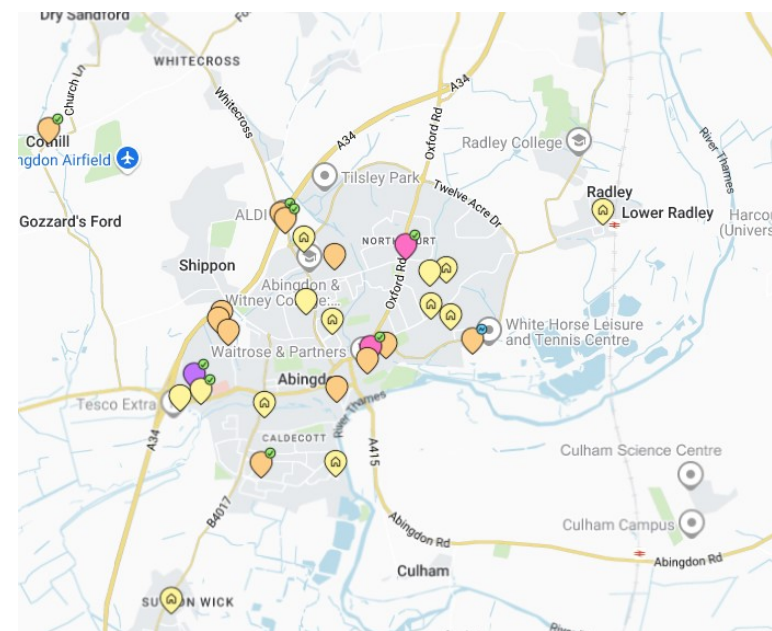
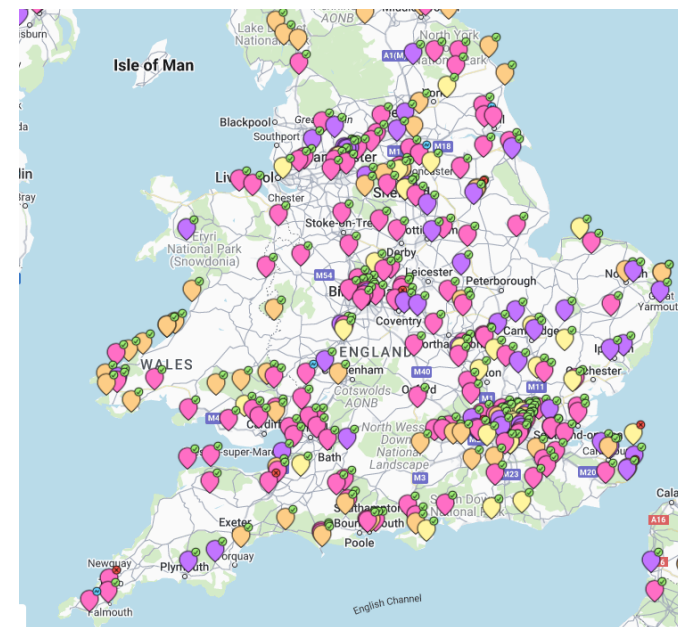
Taken from OCC EV survey October 2020  
 – 1,491 respondents from across Oxfordshire

# Number of public charge points in the UK



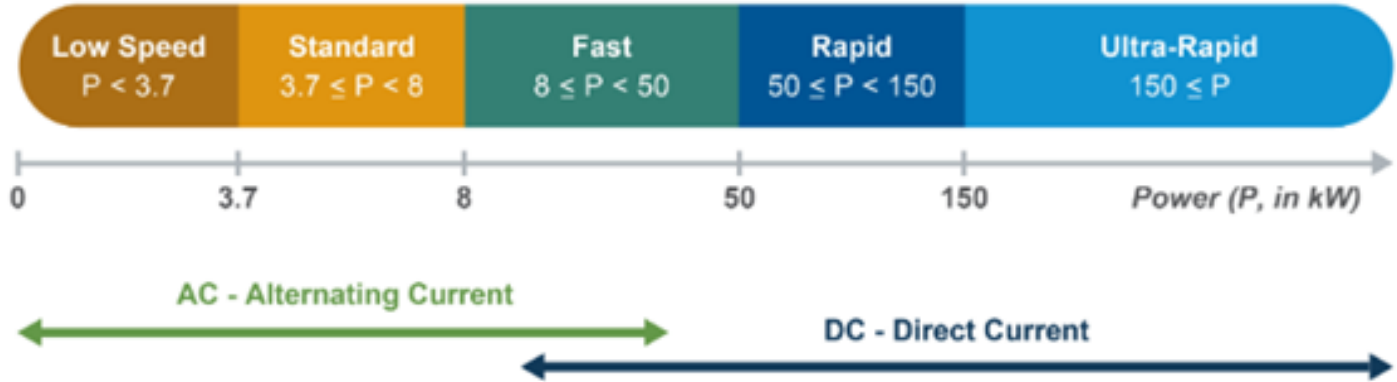
Source: Zapmap database, UK devices, October 31st 2024

[www.zap-map.com/live](http://www.zap-map.com/live)



Battery size (kWh) ÷ Charger power (kW) = Charging time (hours)

**RULE OF THUMB:** kW × 3 = the number of miles range, added every hour





# Lack of off-street parking is key barrier

In Oxfordshire, **30-40% homes** do not have access to off-street parking





# Cross-pavement EV charging cable gullies

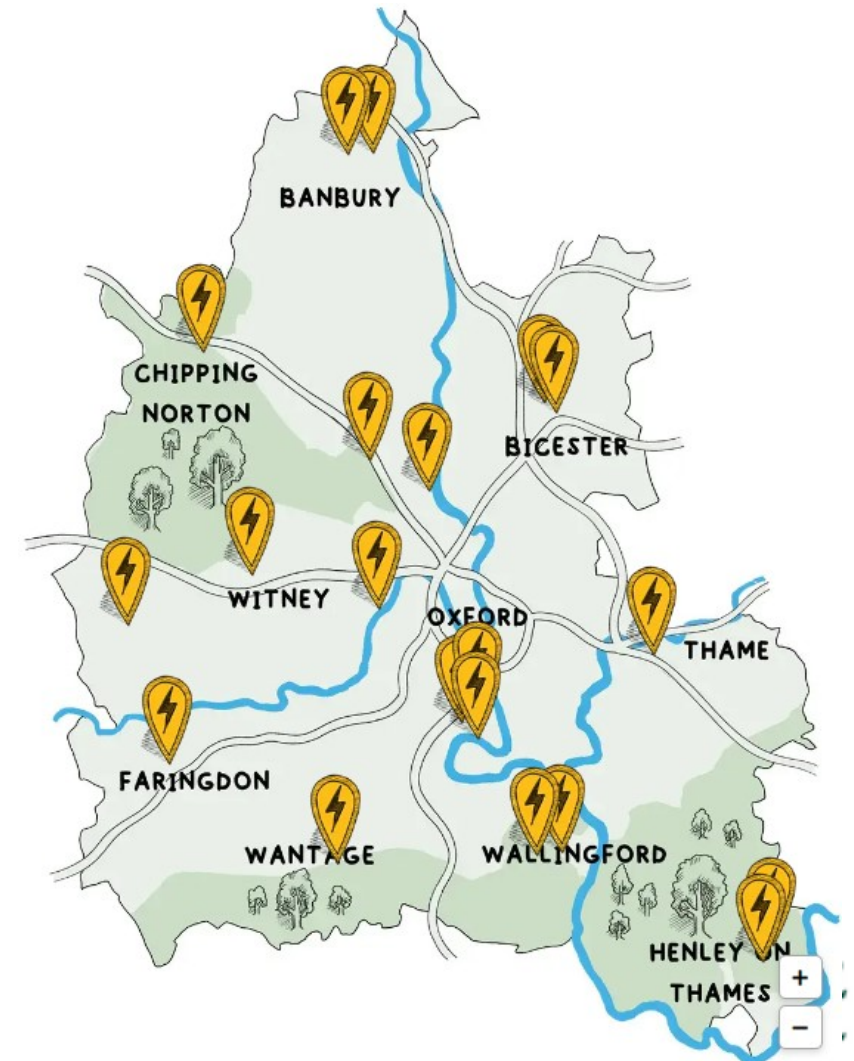
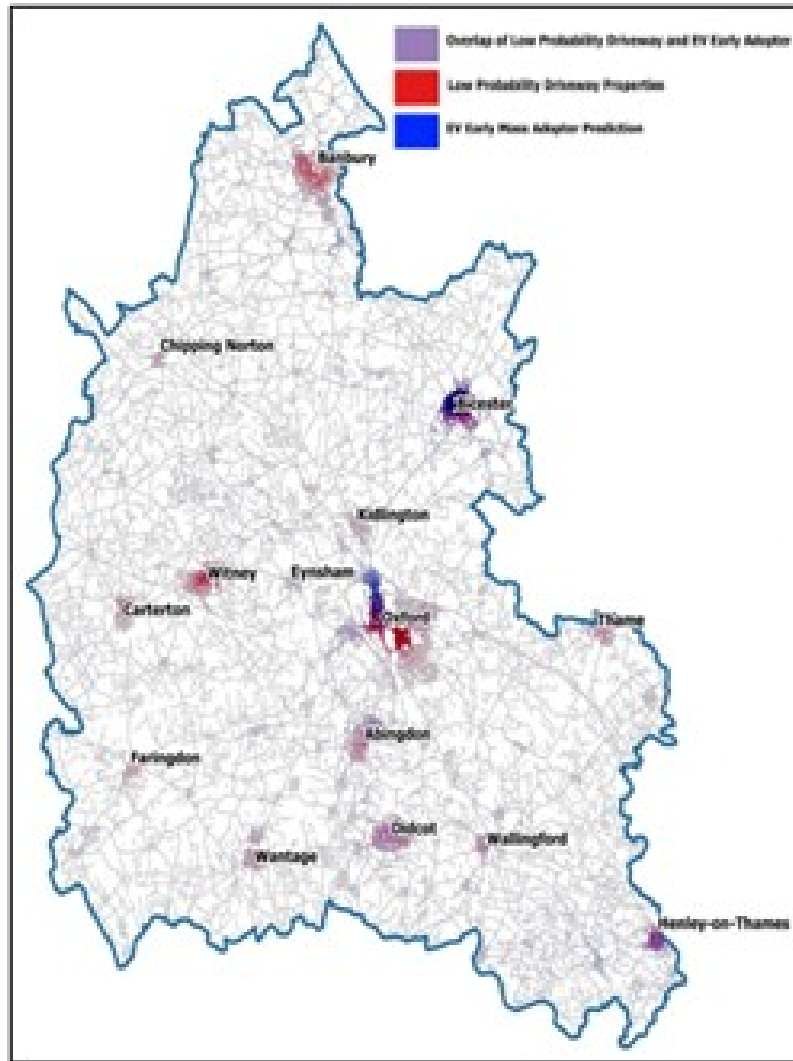
- Simple technical solution allows residents without driveways to safely charge at kerbside from a home charger – without causing a trip hazard
- Alternative to public charging - enables residents to benefit from lower tariffs and renewables via connected to home energy supply
- Cable gully solution invented in Oxfordshire – ‘Gul-E’ supplied by ODS first trialled as part of Go Ultra Low Oxford (GULO) project with Oxford City Council – 26 now trialled across county
- OCC working with Motability to trial Gul-E with 5 Motability customers in Oxfordshire – testing not only the kit itself but the application process with people with disabilities and additional needs
- £700,000 LEVI Pilot grant to deliver first major roll-out 500+ cable gullies – opening for applications in early 2025
- Residents can sign up to get updates at <https://gul-e.co.uk/>





# EV charging hubs in council car parks: Park and Charge Oxfordshire

*Oxfordshire's predicted early mass EV adoption & low driveway probability hotspots. Sources: Energeo 2020, EMU 2018, ACORN 2020, DfT 2020. Higher colour intensity indicates higher density of occurrence.*



# EV hubs in car parks - Park and Charge Oxfordshire

- EV charging hubs in 20 District Council owned car parks
- Total of 250 'standard' 7-22kW AC chargepoints (sockets) - average of 12 EV charging bays per site
- Locally designed and built chargers that are reliable, robust and easy to use
- Tap and Go contactless payments; cheaper overnight tariffs and free parking overnight
- Greater EV charging provision supplied for commuters and visitors to use during the daytime
- High visibility of public chargers leading to increased confidence



[www.parkandchargeoxfordshire.co.uk](http://www.parkandchargeoxfordshire.co.uk)  
[www.ez-charge.co.uk](http://www.ez-charge.co.uk)





# All 20 hubs live by end of 2022 – including three in Abingdon!

## Utilisation steadily increasing



West St Helen Street,  
Abingdon, OX14 5BU



Cattle Market,  
Abingdon, OX14 3US



Audlett Drive,  
Abingdon, OX14 3ND



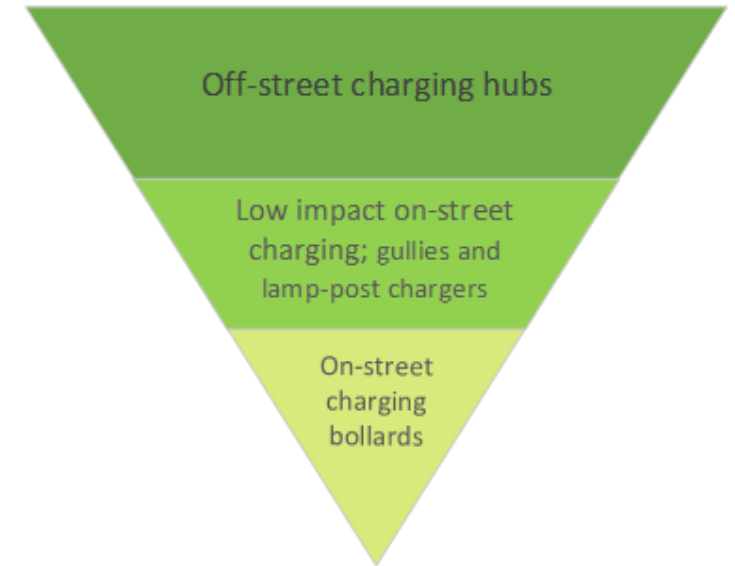
All site details at [www.parkandchargeoxfordshire.co.uk/map](http://www.parkandchargeoxfordshire.co.uk/map)



# On-street EV chargers not always ideal

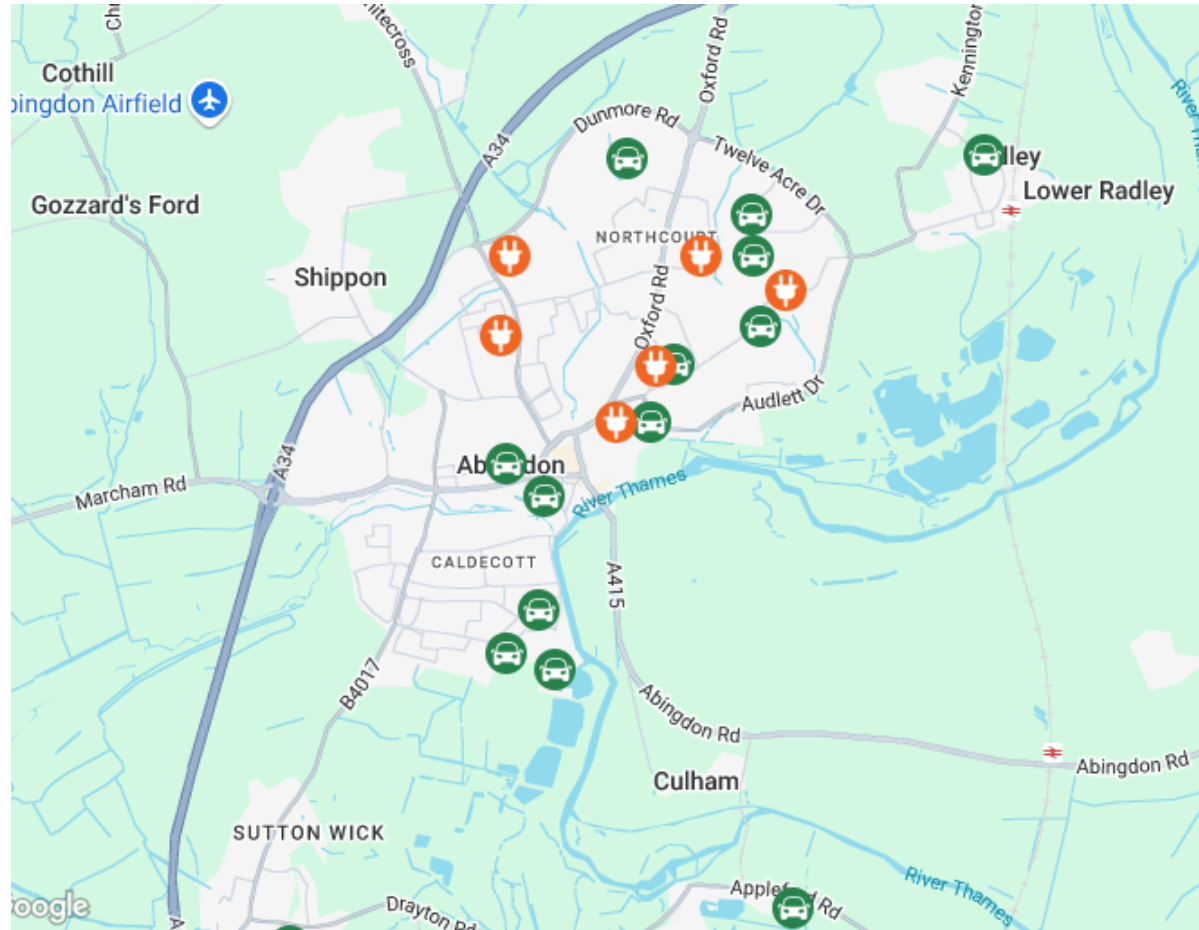
On-street EV chargers *can*:

- be very **expensive** to install and harder to make business case
- create local **disruption** during installation
- add to general **clutter** with excessive street furniture and **congestion**
- lead to **conflict** with other car owners



[Download Oxfordshire EV Infrastructure \(OEVIS\) strategy here](#)

# People are also open to sharing their home EV chargers



<https://co-charger.com/map/>



# What's next: LEVI

Currently c.770 public EV chargers in Oxfordshire

Oxfordshire LEVI (Local EV Infrastructure) funded programme to deliver >1,200 additional public chargers by end of 2026

MORE Residential EV Hubs in council car parks



NEW Community EV Microhubs at village halls and community buildings



MORE Cable gullies – self funded, but with grant available



SOME Roadside EV Charging – where no other option to meet needs





# EV Car Clubs – because the best EV is a shared EV!



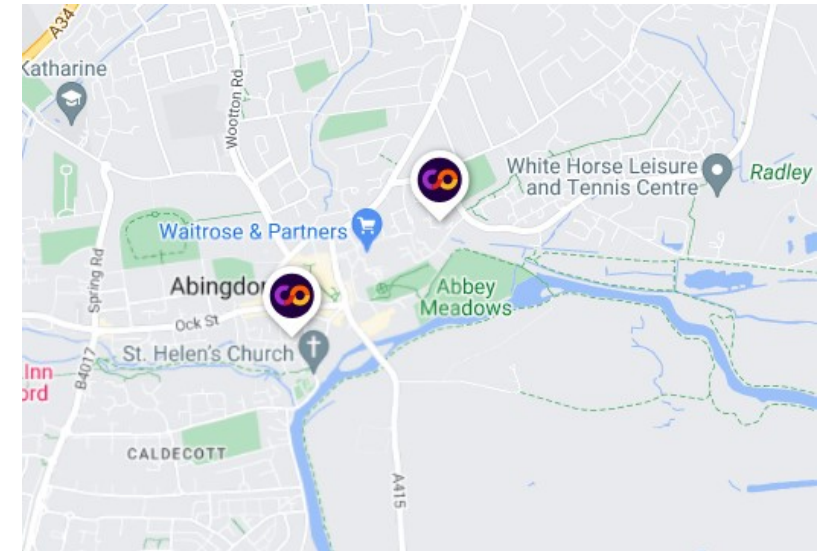
[www.oxfordshire.gov.uk/evcarclubs](http://www.oxfordshire.gov.uk/evcarclubs)

# EV Car Clubs

The screenshot shows the Co Wheels website interface. At the top, there is a navigation bar with the Co Wheels logo, a search bar, and links for 'Co Wheels for business', 'Support', 'About us', 'Join', and 'Login'. Below this is a secondary navigation bar with links for 'How it works', 'Find a car', 'Our vehicles', 'Van hire', 'Pricing', and 'Member Help'. The main heading reads 'Locations / Abingdon' followed by 'Abingdon's MG car sharing club'. A sub-heading states: 'Oxfordshire's biggest and best car sharing club now offers hybrid and electric vehicles at convenient locations across the county including two at new EV charger locations in Abingdon, so you can instantly rent a car 24/7'. Below this is a search box with the placeholder text 'Search a location or postcode' and a 'Find a car' button. To the right of the search box is a 3D rendering of a white MG car with the Co Wheels logo and license plate 'FE23 MKG'. At the bottom of the screenshot, a table displays pricing information for different vehicle types and durations.

Location	Vehicle	Per hour	Per day	Per mile	EV mile
Abingdon	Everyday	£7.25	£52.00	£0.24	£0.14

Only pay for a car when you need it - the smarter alternative to car ownership



[www.co-wheels.org.uk/abingdon](http://www.co-wheels.org.uk/abingdon)

You can use the code **BLACKFRIDAY24** to get free sign up (no £25 joining fee)

New offers also launching in December, as well as App Unlock





# Peer-to-peer car sharing



[www.hiyacar.co.uk](http://www.hiyacar.co.uk)



# Vehicle to Everything (V2X)

## EVs are big batteries on wheels after all!



# Test drive an EV at an EV experience event in 2025!

Climate Action Oxfordshire  
your choices matter

OXFORD CITY COUNCIL

## EVs ARE FOR EVERYONE

Interested in electric vehicles, but don't know where to start?

Book an EV test drive

Join us at **REDBRIDGE PARK & RIDE**  
Abingdon Road, Oxford, OX1 4XG

### SATURDAY 27 MAY

10am-3.30pm - Free (normal parking charges apply)

- Test drive an affordable electric car or van
- Speak to our friendly experts and local EV champions
- Learn about the different ownership options
- Discover your nearest charging point
- Find out about grants and costs

Image: Shutterstock.com

## EVERYTHING ELECTRIC SOUTH

POWERED BY FULLY CHARGED SHOW

### THE WORLD'S NO.1 HOME ENERGY & ELECTRIC VEHICLE SHOW

FARNBOROUGH INTERNATIONAL  
10th - 12th OCTOBER 2025

[uk.everythingelectric.show/south](https://uk.everythingelectric.show/south)

Join us at




## EV LIVE

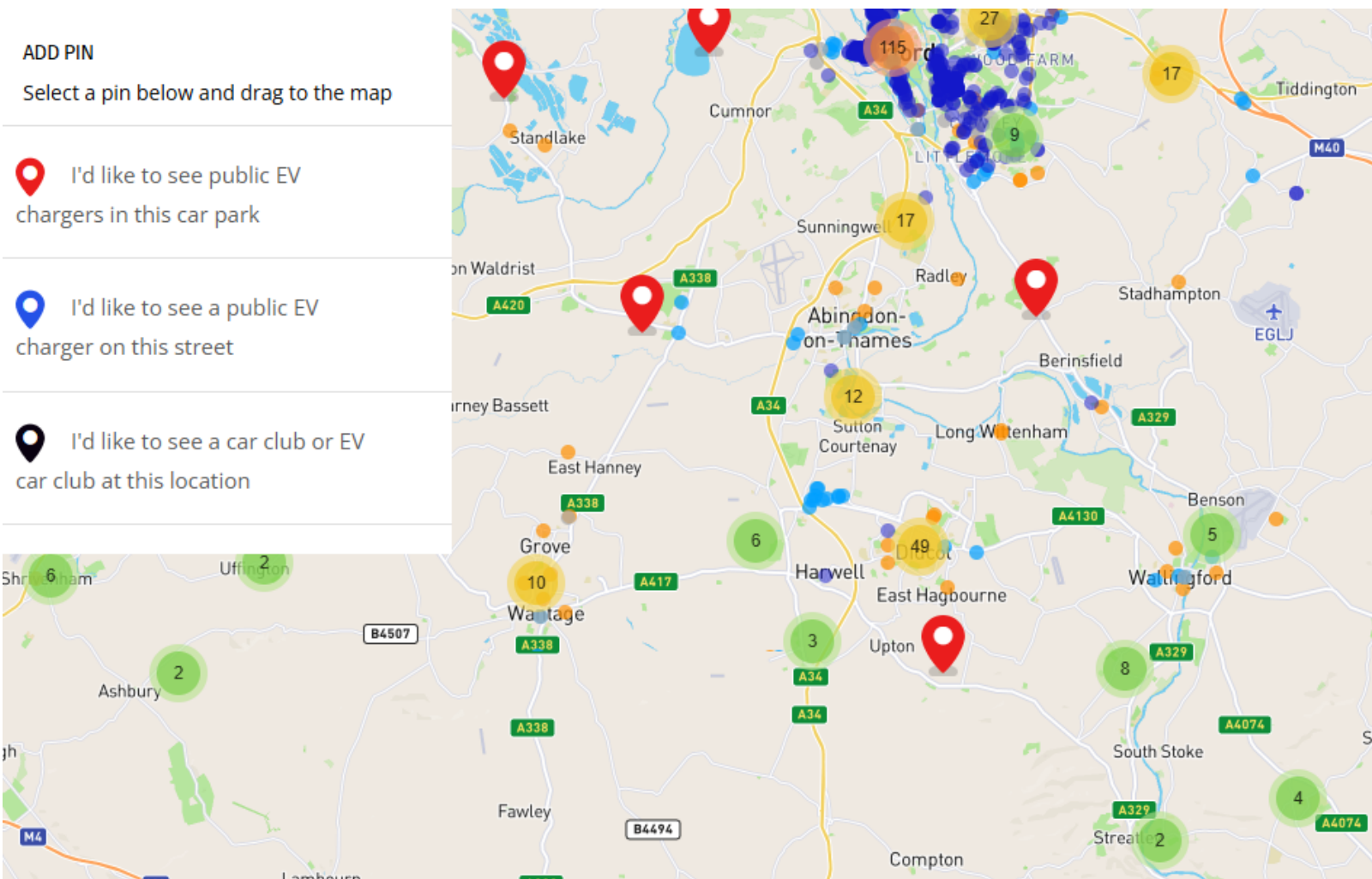
[evliveatblenheimplace.co.uk](https://evliveatblenheimplace.co.uk)

Look out for FREE EV experience events around Oxfordshire in summer 2025 and 2026

# Online demand tracker tool for EV chargers and car clubs

ADD PIN  
Select a pin below and drag to the map

-  I'd like to see public EV chargers in this car park
-  I'd like to see a public EV charger on this street
-  I'd like to see a car club or EV car club at this location

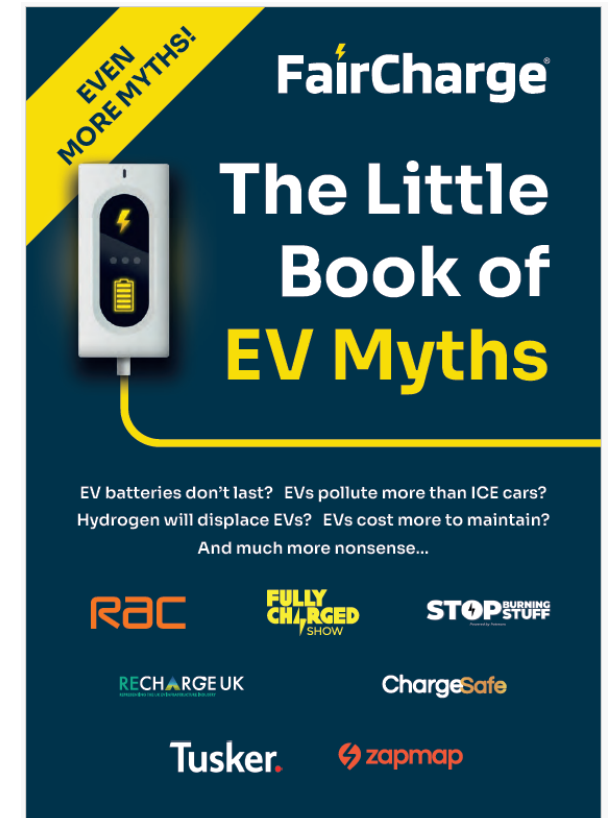


<https://letstalk.oxfordshire.gov.uk/oxfordshire-electric-vehicle-charger-and-car-club-demand-tracker>



# Useful resources:

- Loads of useful and reliable facts about EVs and EV charging - [www.faircharge.co.uk/little-book-of-ev-myths](http://www.faircharge.co.uk/little-book-of-ev-myths)
- New Autotrader EV facts and figures resource - [www.autotrader.co.uk/content/features/electric-cars-facts-and-figures](http://www.autotrader.co.uk/content/features/electric-cars-facts-and-figures)
- The essential resource for information of the public EV charging network - <https://www.zap-map.com/>
- Details on Abingdon's EV car club shared vehicles and how to book - <https://www.co-wheels.org.uk/abingdon>
- Find local people sharing their own home chargers or offer to share your own! - <https://co-charger.com/>
- OCC's interactive tool where you can submit your own suggestions for new locations of public EV chargers and car clubs - <https://letstalk.oxfordshire.gov.uk/oxfordshire-electric-vehicle-charger-and-car-club-demand-tracker/maps/oxfordshire-ev-charger-and-car-club-demand-tracker>
- Information on Oxfordshire's very own cross-pavement EV charging cable gully solution - <https://gul-e.co.uk/>
- General information on EV charging in Oxfordshire, including grants for EV chargers and current County Council plans and projects - [www.oxfordshire.gov.uk/residents/environment-and-planning/energy-and-climate-change/electric-vehicles](http://www.oxfordshire.gov.uk/residents/environment-and-planning/energy-and-climate-change/electric-vehicles)





# ELECTRIC CARS

## The Facts

### WHAT'S EV PRICING LIKE? <sup>1</sup>

1 in 3 used electric cars under

**£20,000**

21 brand new electric cars RRP under

**£30,000**

### WHAT ABOUT RUNNING COSTS? <sup>2</sup>

Save up to

**£750**

**A YEAR**

If you mostly charge at home, compared to petrol.

### CAN I CHARGE ON-THE-GO? <sup>3</sup>

As of October, there are

**71,459**

public charge points in total across the UK

Including 13,953 rapid/ultrarapid chargers that can charge a car to 80% in just 20-40 mins

### WILL MY EV BATTERY LAST? <sup>4</sup>

**YES**

Data suggests you should expect your EV to last as long as an ICE car. Getting EVs repaired is getting easier with the increasing number of skilled technicians available.

### WHAT CAN I EXPECT FROM A FULL CHARGE? <sup>5</sup>

The average range of a new EV is

**236 MILES**

That's about 2 weeks driving for most people.

### ARE EVS GREENER? <sup>6</sup>

**YES**

Typically an EV emits just 1/3 of the harmful greenhouse gases of a petrol car during its lifetime.

### DO I NEED TO WORRY ABOUT FIRE RISKS? <sup>7</sup>

EVs are less likely to catch fire than ICE cars.

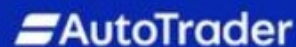
#### Jargon Buster

**EV** = Electric vehicle

**ICE** = Internal combustion engine (diesel or petrol)



See the sources



**OXFORDSHIRE COUNTY COUNCIL**