

Hampshire responding  
to climate change



# Economy, Transport & Environment Select Committee

## Item 6 – DfT Future of transport regulatory review consultation



18 November 2021



Hampshire  
County Council



# Introduction



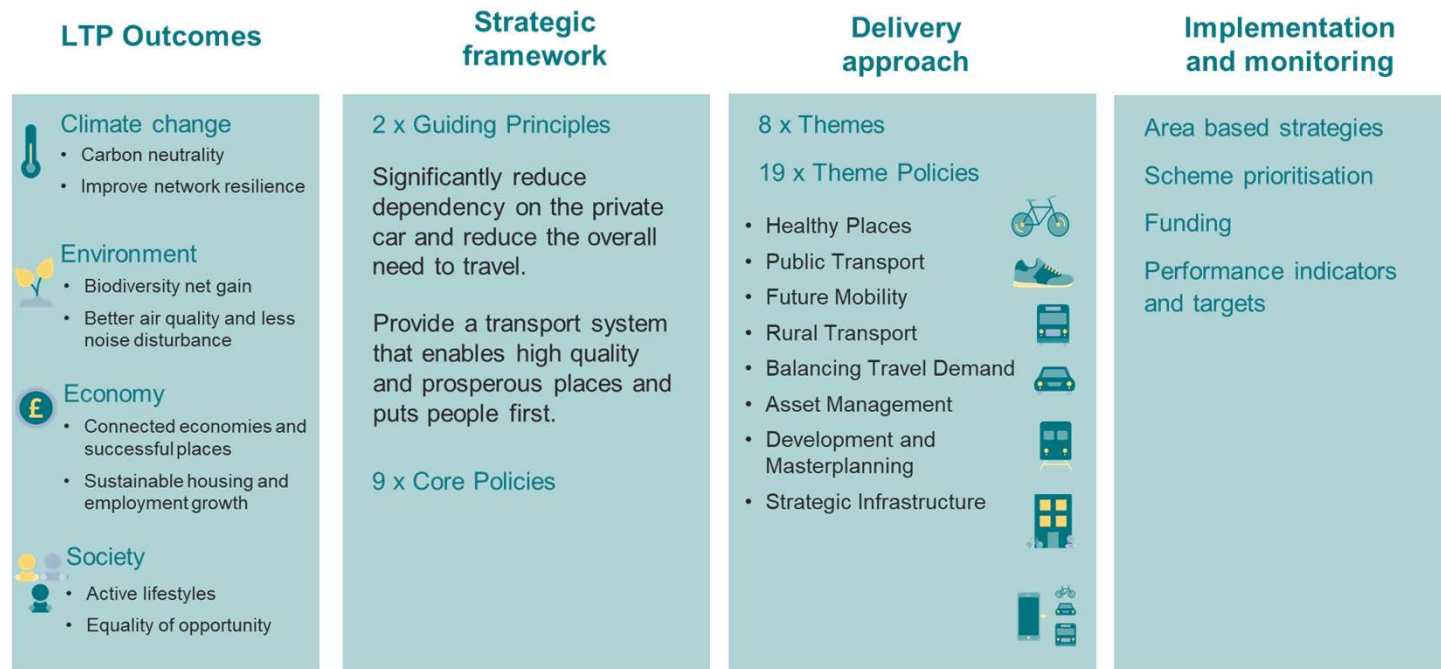
- Emerging Local Transport Plan 4
- Electric vehicle (EV) charging in Hampshire
- What the County Council has achieved to date
- Regulatory review consultation on Zero Emission Vehicles
- Discussion



# Emerging LTP4 – At a Glance



*“Facilitating the efficient and effective movement of people and goods in a sustainable way”*



# LTP4 - Outcomes



## A carbon neutral, resilient Hampshire

Reduce transport-related carbon emissions to net zero (neutrality) by 2050

A resilient and reliable transport network



## Respect and protect Hampshire's environment

A transport network that protects and enhances our natural and historic environments

Improved air quality and less noise disturbance from transport



## Thriving and prosperous places

A transport system that supports a connected economy, creates successful places, and ensures Hampshire continues to prosper whilst reducing its emissions.

Support future housing, employment and regeneration needs sustainably



## Healthy, happy, inclusive lives

A network that promotes active travel and active lifestyles to improve our health and wellbeing

A transport system that ensures that everyone has equal access to services, opportunities and life chances, delivering improved quality of life for all in Hampshire.

# LTP4 – Big Issue – Carbon and Climate Change



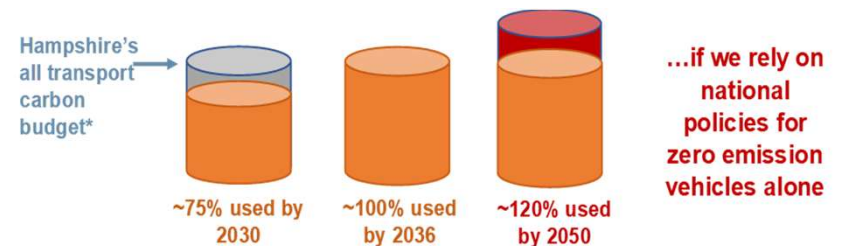
## Climate change

– making transport carbon neutral by 2050 (in line with the Hampshire Climate Change Strategy)

- 37% of CO<sub>2</sub> emissions in Hampshire are transport-related, of which 65% is caused by cars.
- DfT data shows that traffic on Hampshire roads grew by +18% between 2000 and 2019
- Traffic emissions are higher than they were in 1990, and are still rising.
- 45% of households have 2 or more cars.
- Transition to EVs will not reduce emissions far enough or fast enough, especially over the next 10 years.

Unchecked growth in CO<sub>2</sub> emissions will have severe consequences for the maintenance and resilience of our network, our quality of life, and our species and habitats; and impose significant costs on the Council

**If we carry on with existing policies and practice we will not achieve carbon neutrality from transport by 2050.**



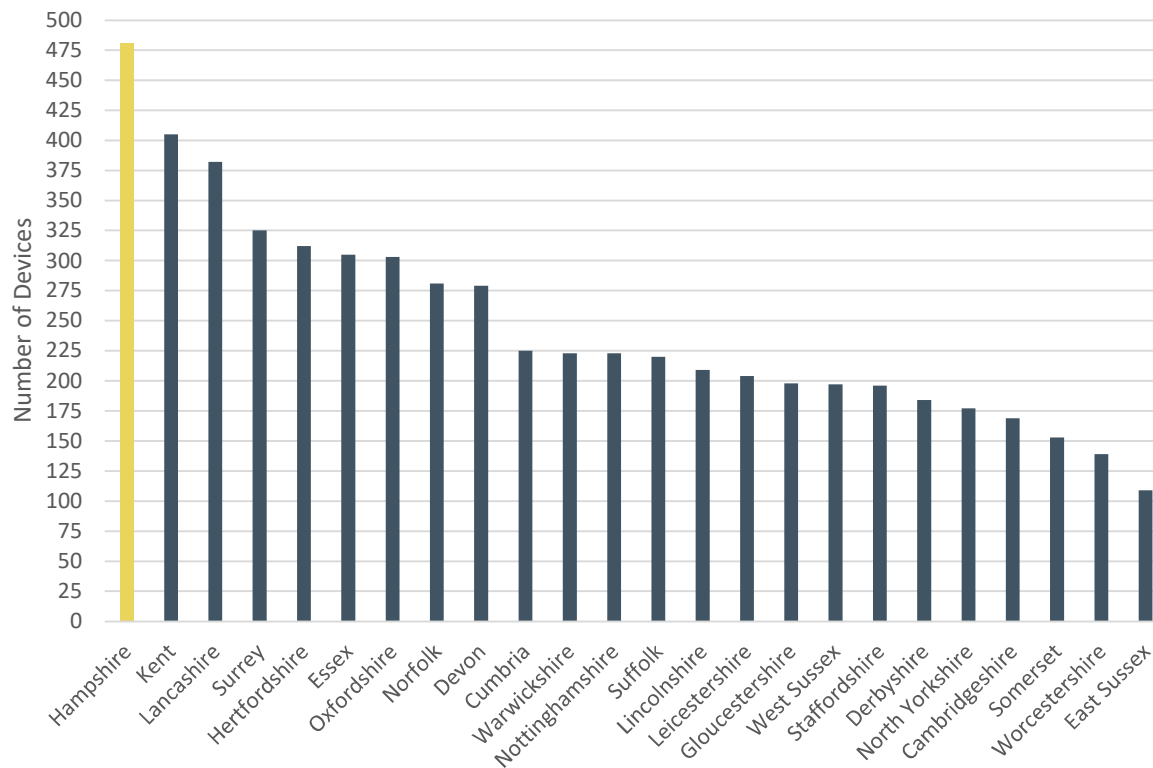
# EV charging



## EV charging in Hampshire

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# Hampshire chargepoint statistics



Publicly available electric vehicle charging devices at all speeds by local shire authority, July 2021

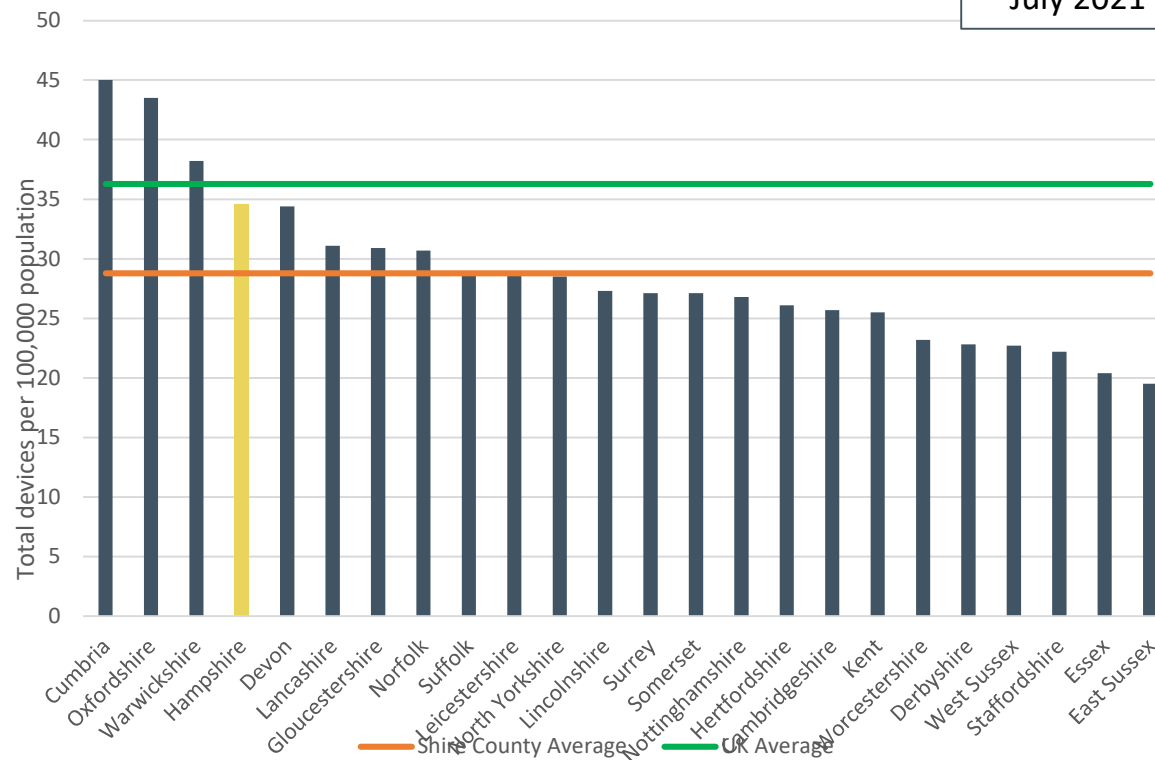
Department for Transport. Vehicle Licensing statistics.

[Table EVCD\\_01a July 2021](#)

# Hampshire chargepoint statistics



July 2021



Publicly available electric vehicle charging devices, per 100,000 population at all speeds by shire local authority

Department for Transport. Vehicle Licensing statistics.

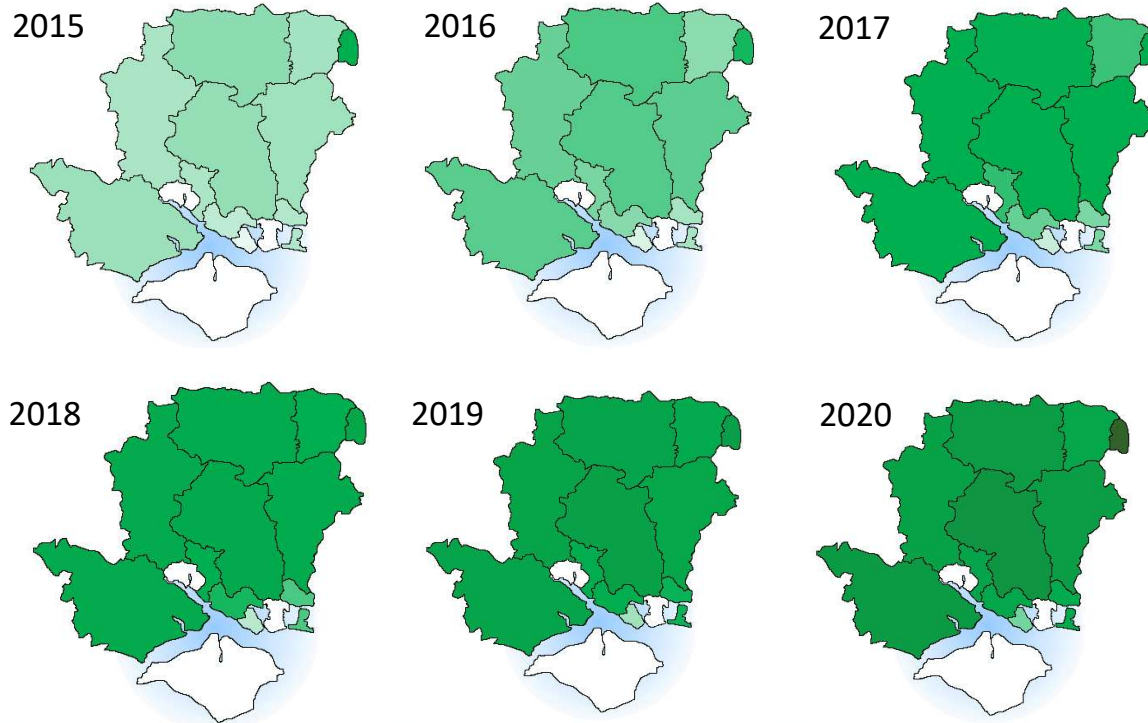
[Table EVCD\\_01a July 2021](#)



# Hampshire EV ownership



Plug-in cars and light goods vehicles licensed at end of quarter 2015-2020



Local Authority	2015	2016	2017	2018	2019	2020
Basingstoke & Deane BC	123	196	275	420	611	905
East Hants DC	105	176	280	411	596	875
Eastleigh BC	90	146	225	307	392	629
Fareham BC	71	130	167	253	372	557
Gosport BC	25	41	61	77	104	151
Hart DC	98	126	213	327	432	602
Havant BC	82	96	144	195	267	420
New Forest DC	108	180	293	444	634	957
Rushmoor BC	290	254	298	601	793	2,654
Test Valley BC	92	164	294	436	643	723
Winchester CC	116	185	294	475	730	1,075
<b>Total</b>	<b>1,203</b>	<b>1,697</b>	<b>2,547</b>	<b>3,948</b>	<b>5,577</b>	<b>9,551</b>

# On-street pilot schemes



- In total 50 chargepoints have been installed in Eastleigh and Winchester supported by OZEV ORCS grant
  - 22 streetlighting chargepoints in Hyde, Winchester (three contactless payment)
  - 24 bollard chargepoints and 4 streetlighting chargepoints in Eastleigh
- HCC off-street estate over 90 chargepoints in car parks (offices, depots, country parks etc.)

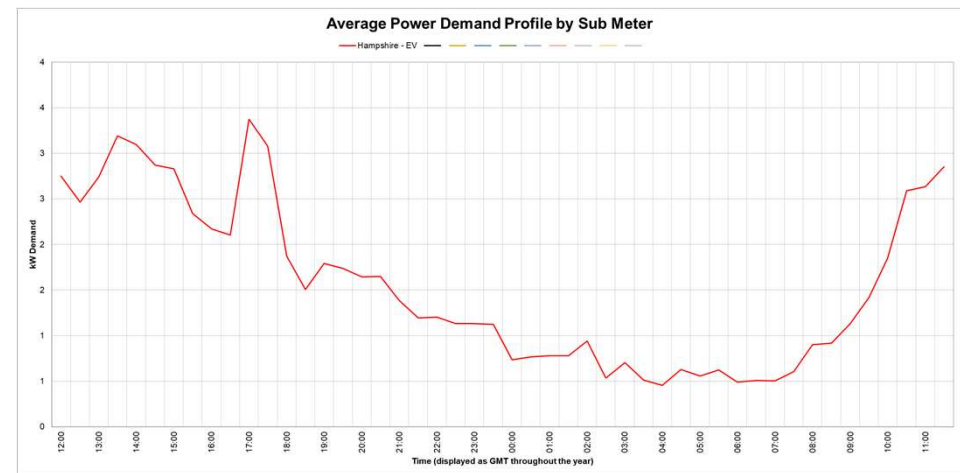
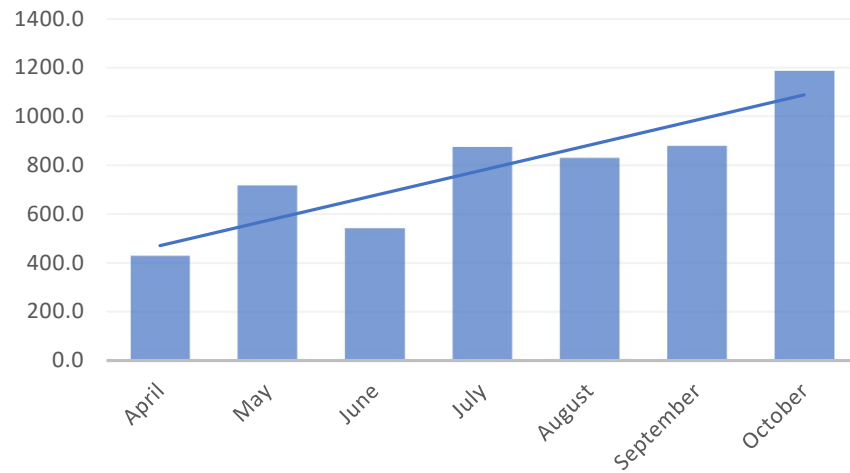


# On-street pilot scheme - usage



Year	Units	Total (Annual)	April	May	June	July	August	September	October
2021/22	kWh	5,461	430	717	543	874	830	880	1,187

Total Monthly Energy Consumption

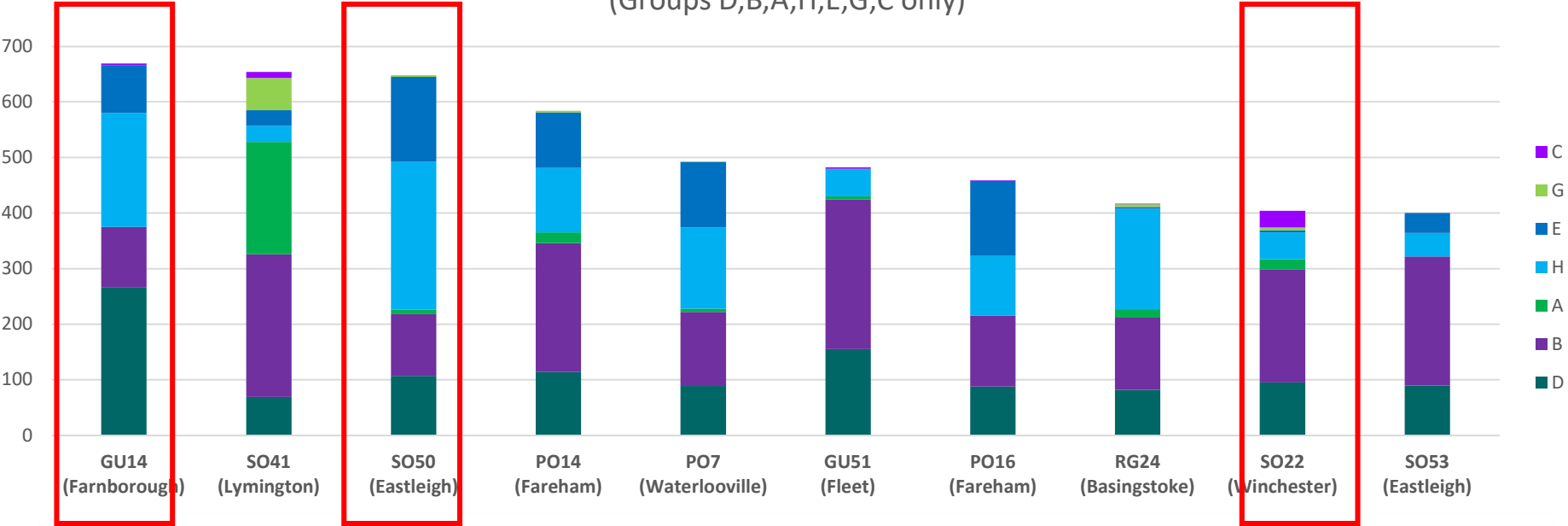


# On-street pilot scheme



## Mosaic – Top 10 urban centres

Mosaic City Comparison – Ordered results  
(Groups D,B,A,H,E,G,C only)



# EV website

A screenshot of the Hampshire County Council website's 'Electric vehicles' page. The page features a dark blue header with the council's logo, a search bar, and 'Sign in' and 'Register' links. Below the header, a breadcrumb trail shows 'Home > Transport and roads'. The main content area has a dark blue background with the title 'Electric vehicles' in yellow, followed by the text 'Encouraging our residents to use electric vehicles as an environmentally friendly alternative'. To the right is a yellow icon of a car with a charging cable. Below this is a large image of an electric car at a charging station, with a yellow text box overlaid on the left side containing text about the council's climate change strategy. A gear icon is visible in the bottom left corner of the screenshot.

Hampshire County Council Services  Sign in Register

Home > Transport and roads

## Electric vehicles

Encouraging our residents to use electric vehicles as an environmentally friendly alternative

Our [Climate Change Strategy](#) has targets to reduce carbon emissions. In 2030 there will be a national ban on the sale of new petrol and diesel vehicles. So, we are keen to help residents who choose to use Electric Vehicles (EVs) as a more environmentally friendly alternative to traditional petrol and diesel cars.

FAST AC CHARGE POINT ID 08106

# On-street demand Survey



Departments ▾ Staff Services ▾ Hantsweb Members Portal Help Welcome everyone to Office 365 and SharePoint



## Where would you like to see electric vehicle charging points?

Encouraging people living and working in Hampshire to use electric vehicles as an environmentally friendly alternative to those powered by petrol or diesel is just one of the areas of work the County Council is undertaking as part of the Authority's [Climate Change Strategy](#) – a strategy that sets out how the Council will meet the two targets of becoming carbon neutral by 2050 and to build resilience to a two-degree rise in temperature.

We are investigating the possibility of installing publicly available charging points for electric vehicles in locations across Hampshire – to increase the numbers and improve connectivity across the county. In order to get a picture of where there is most demand, we would be grateful if you could take the time to complete our survey (by 5 August): [Complete the survey](#)

In 2030 there will be a national ban on the sale of new petrol and diesel vehicles. So, we are keen to help residents who choose to use Electric Vehicles (EVs) as a more environmentally friendly alternative to traditional petrol and diesel cars.

[Find out more about Electric Vehicles](#) and the County Council's work in this area.

👍 2 people liked this    💬 3 Comments    👁 168 Views    📌 Save for later

 **Hampshire County Council**  
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1 mo • 🌐

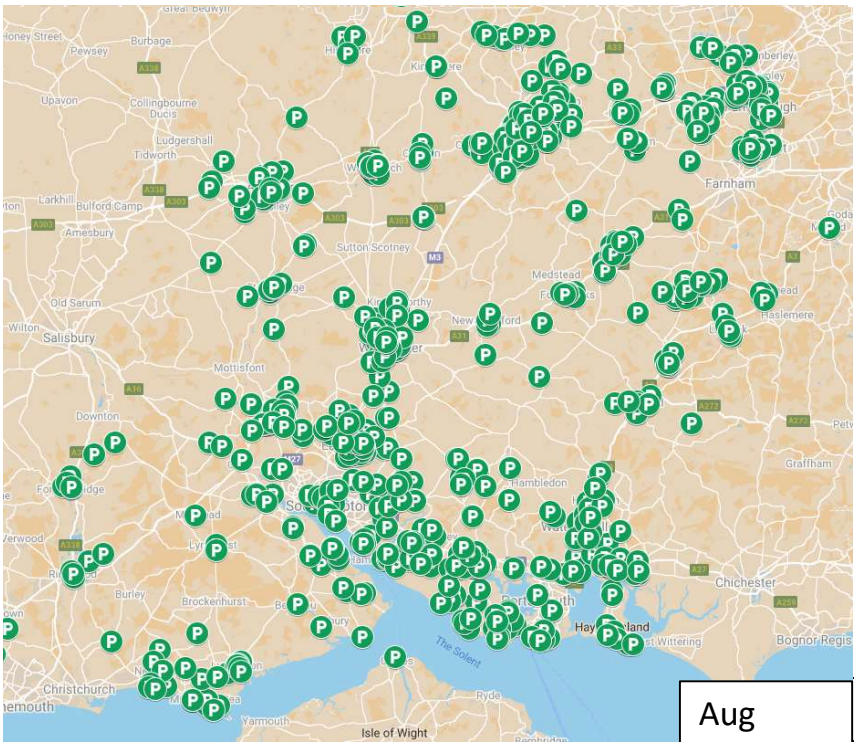
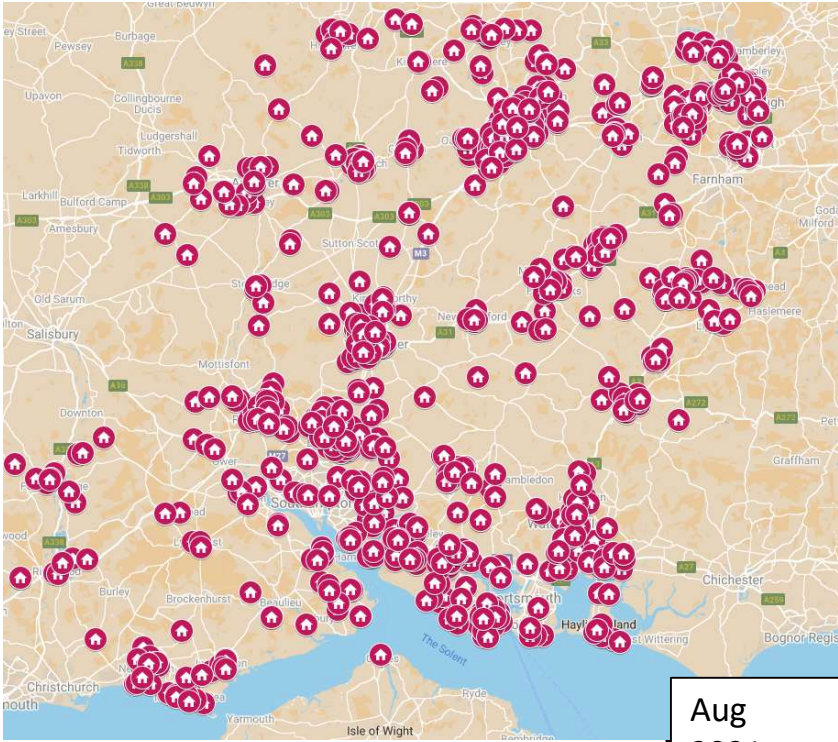
We're keen to help Hampshire residents who choose to use Electric Vehicles (EVs) as a more environmentally friendly alternative to traditional petrol and diesel cars. We're currently investigating the possibility of installing publicly available ...see more



👍 20 • 4 comments

👍 Like    💬 Comment    ➦ Share    ✉ Send

# On-street demand Survey



# Regulatory review



The regulatory review consultation

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## Regulatory review - background



OZEV are seeking views on four areas:

1. A statutory duty to plan and provide charging infrastructure
  2. Requirements to install chargepoints in non-residential car parks
  3. New powers to support the delivery of the Rapid Charging Fund
  4. Requirements to improve the experience for EV consumers
-

# 1. Statutory duties



Two questions:

1. Statutory obligation to plan
2. Statutory obligation to plan and deliver

Both:

- Require secondary legislation
  - Government will consult on the duties
  - Option, for England and Wales only
  - Other options include placing the duty on:
    - Chargepoint operators, or
    - Energy companies
-

## 2. Chargepoints in non-residential car parks



### Option to intervene

- No immediate plans to use the powers
- Requires secondary legislation
- Further consultation would be carried out
  - Minimum levels to be considered later
  - Seeking to identify an enforcement body

### Duty could apply to:

- Existing non-residential and new non-residential car parks
  - Publicly accessible car parks
  - Restricted access car parks, such as workplaces
  - Landowners to be responsible
    - Possibly in collaboration with others
-

### 3. Making the Rapid Charging Fund



- £950 million fund for upgrading electrical connections
    - Applies to Motorway and major A road service areas only, in England
    - To be administered by a delivery body
  - New powers to make existing chargepoints service arrangements void and unenforceable
    - Aim is to create more competition
    - Considering mandating a minimum number of chargepoints in a service area
-

## 4. Improving the experience for EV consumers



### New primary powers are proposed

- Inclusively designed public chargepoints available for all
- Consumers feel safe when charging on-route
- Consumers have rights to redress if something goes wrong
  - Ensuring adequate customer protections
  - Set accessibility and safety standards
  - Mandate aspects of chargepoint design



- Before introducing secondary legislation, consultation on any proposed approaches, including provisions relating to:
    - Standard definitions and specifications
    - Exemptions to be identified
-

# Regulatory review



Discussion

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