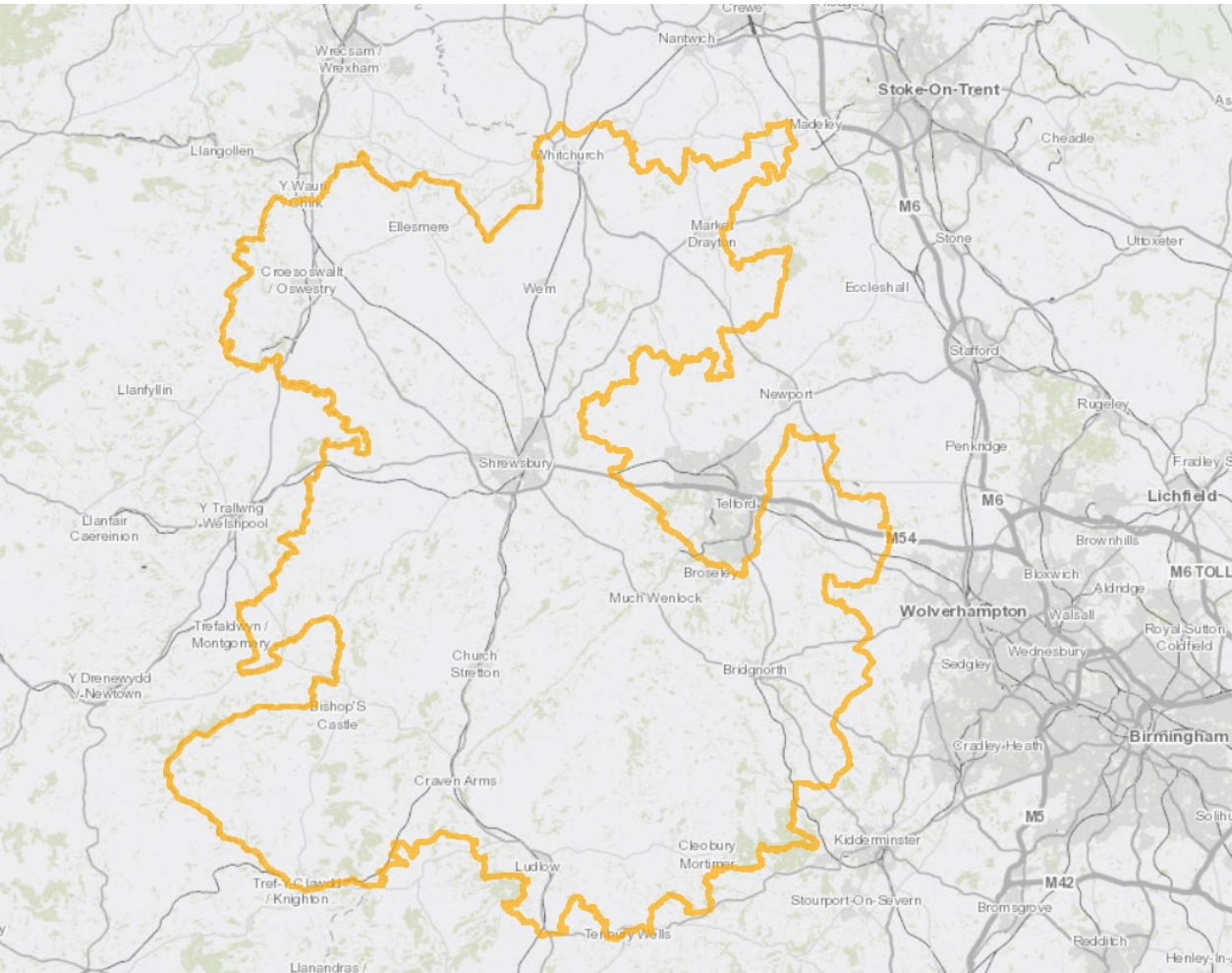


Shropshire Council - EV Journey

Oliver Rowe – Shropshire Council
Climate and Carbon Project Officer



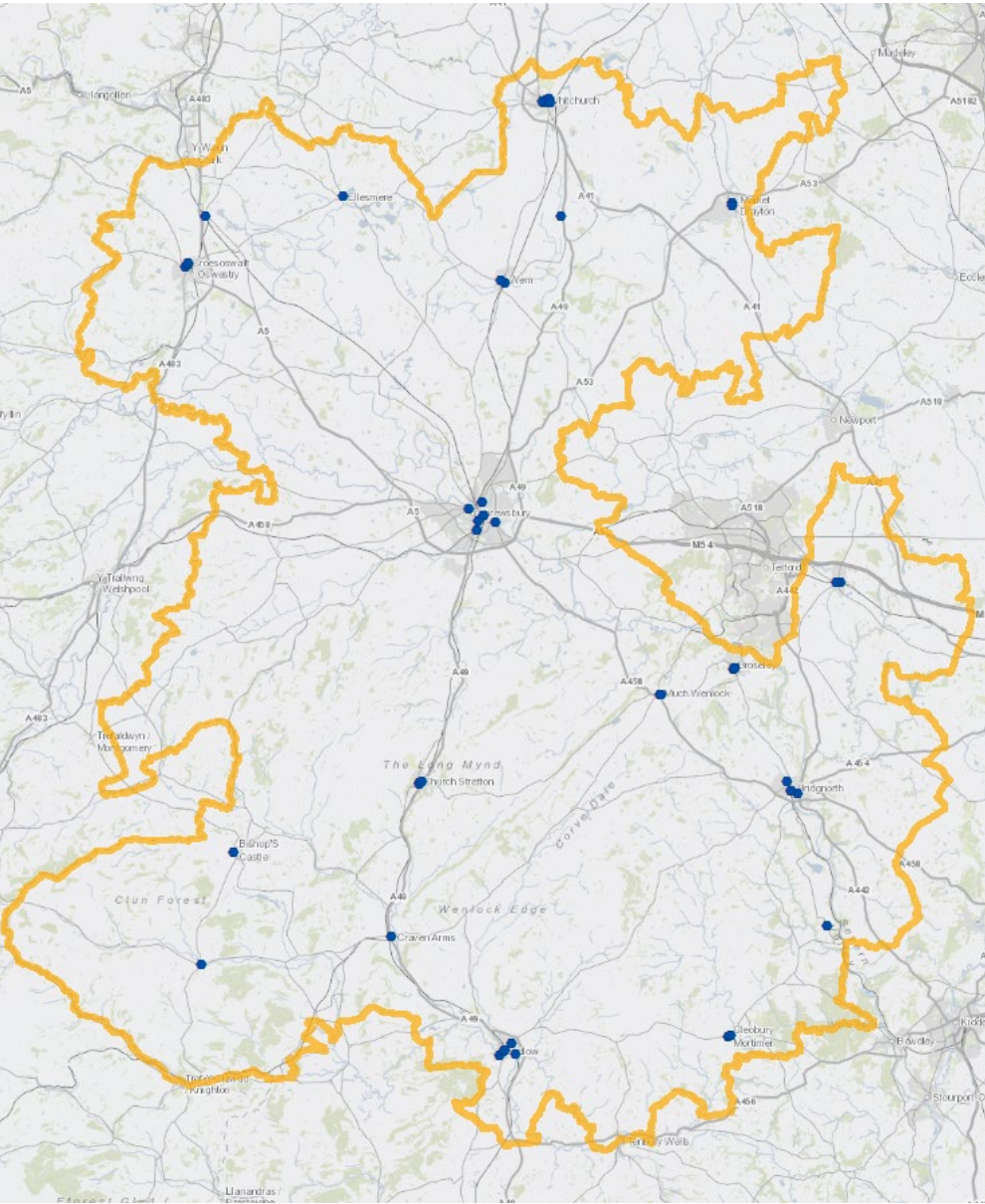
Intro and context



- We declared a climate emergency in May 2019 and agreed a strategy in December 2019
- Objective of net-zero corporate carbon performance by **2030** and assisting in the ambition for Shropshire as a whole to become carbon net-neutral.
- Transport contributes **25%** of the county's carbon footprint
- Shropshire Council is a large rural Local Authority



Current progress



We are building a network of public EV chargers:

- The Agile Streets project - 25 new on-street EV chargers in 2021
- The On-Road Charging Scheme (ORCS), provided 25 EV chargers in 2022, and a further 270 chargers in 2023/24.

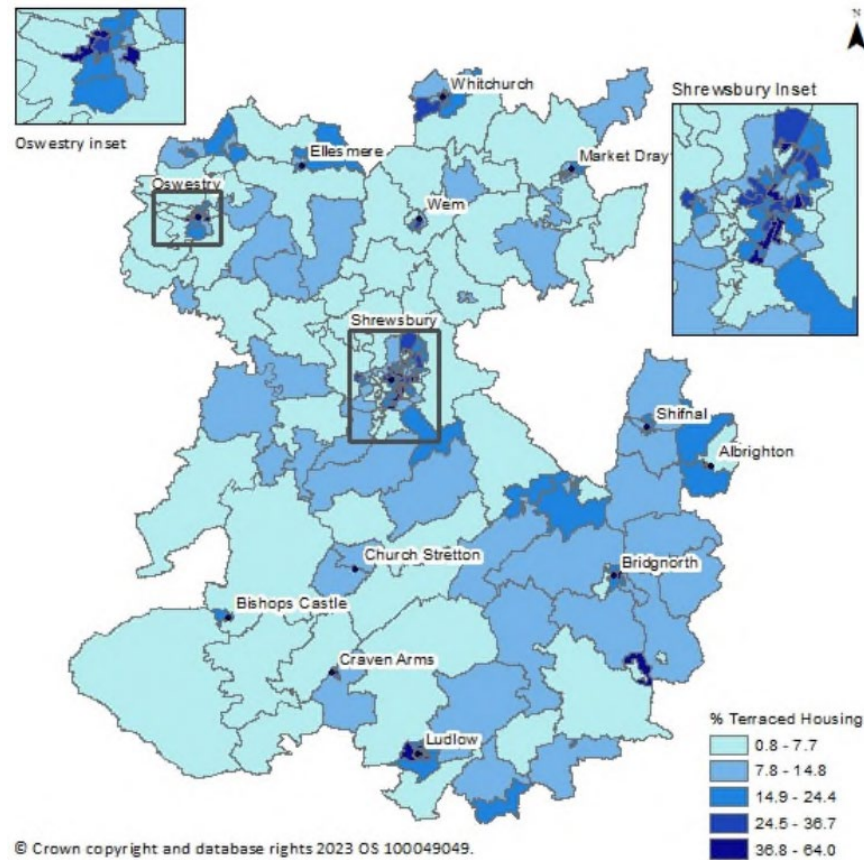
Also:

- The Council has organised two major events to raise awareness and interest in EVs and sustainable transport.
- We are transitioning the council's fleet to EV where possible



Difficulties

- With EV installation
 - Competition for on-street
 - Grid connections
 - Flooding
 - Rapid chargers
- Councils fleet electrification
 - Grid constraints
 - Depot constraints
 - Range
 - Larger vehicles



Other transport solutions



Green Hydrogen

- Shropshire Councils objective is to foster the growth of green hydrogen manufacture in the county so that Shropshire becomes a key national centre for this technology.
- Shropshire Council aims to develop an easy to scale up pilot that can be replicated for several sectors across the county.
- Shropshire Councils ambition is to develop a network of small-scale modular hydrogen facilities.



Electric bus and 'on-demand' bus services

- A 'Sigma 7' 16-seat electric bus is now operating in urban areas
- An on-demand bus service can be booked by residents