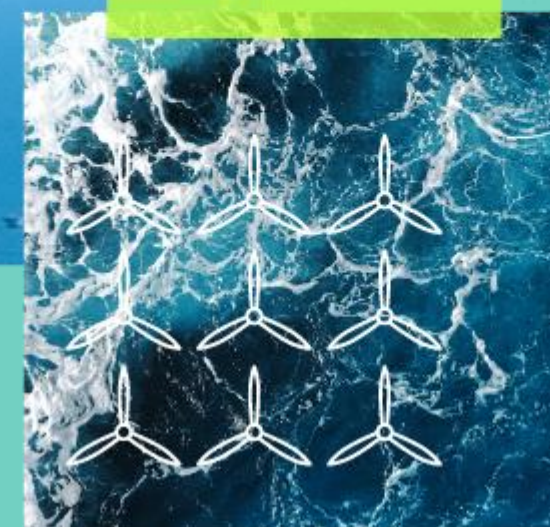
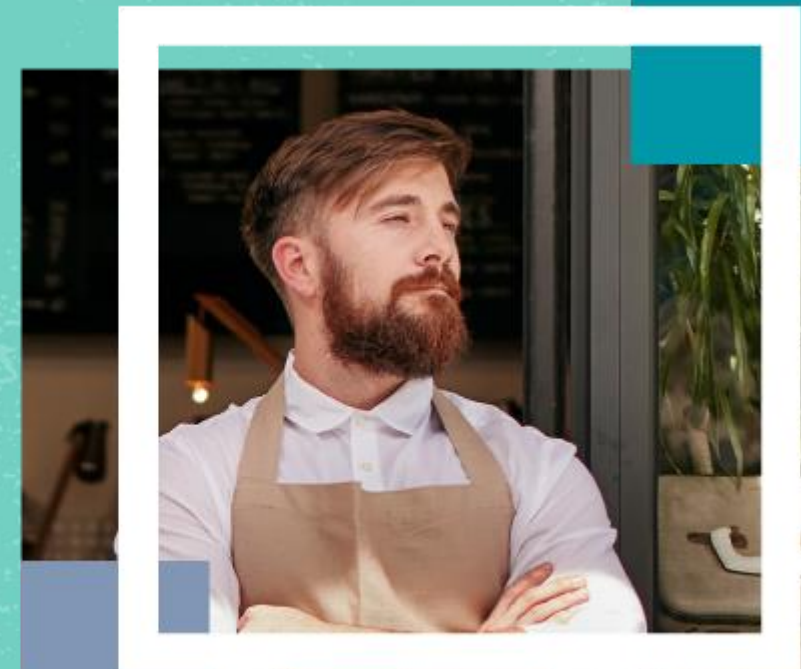


# Decarbonising transport through the EV revolution

10<sup>th</sup> May 2023

Kevin Welstead, SSE Sector Director EV



# An introduction to Kevin Welstead

- Kevin has over 30 years experience working across SSE including our Networks division – making him one of their longest serving employees!
- Responsible for driving forward SSE's EV infrastructure installation programme – something that really excites me!
- EV driver myself and passionate about getting us all on the road to net zero and ditching petrol and diesel vehicles.
- Great to be back in Glasgow at today's event – I was here for COP26 which was a very exciting time.





# We need to accelerate the route to net zero

- The **good news** is that EV take up is on the rise 267,000 registered in UK last year – **40% up on previous year**.
- The **bad news** is **supply is not keeping up with demand** –especially for rapid chargers – Zap-Map say **less than 7,500 UK's public chargers are rapid or ultra rapid** compared to 31,566 slow or 'fast'.
- We need to build a **nationwide EV charging infrastructure that people trust**.
- We need **to end the days** of pitching up to motorway charging point and finding it's taken or broken – even though you've booked it!

## Warning issued to drivers over supermarket electric car charging stations - 'frustrating'

Drivers hoping to charge their electric cars while doing their weekly grocery shop could be left frustrated, with research revealing that many supermarket chargers aren't working.

By KRIS BORATYN

04:00, Sat, Feb 11, 2023



Warning issued to drivers over supermarket electric car charging stations - 'frustrating'





# Why we need a network of EV Charging Hubs

- EVs are changing all the time – our charging infrastructure needs to reflect that
- Our hubs need to be **suitable for all users** including those with disabilities.
- We need to make hubs that are ‘hassle free’ so users can ***‘Get in, Get on and Get Out.’***
- We need utilise retailers so people can grab a coffee or a bite to eat to **recharge themselves as well as their EV!**
- It’s all about **location, location, location** - so sites must be **friendly to fleet drivers as well as holiday makers.**





# So what are companies like SSE doing about it?

*SSE is developing EV community and fleet charging at scale*

30-40 hubs



300 hubs



500 hubs



- ✓ Up-to 150kW rapid bays
- ✓ Strategic locations
- ✓ Innovative and future-proofed





# How well is the Scotland doing for EVs?

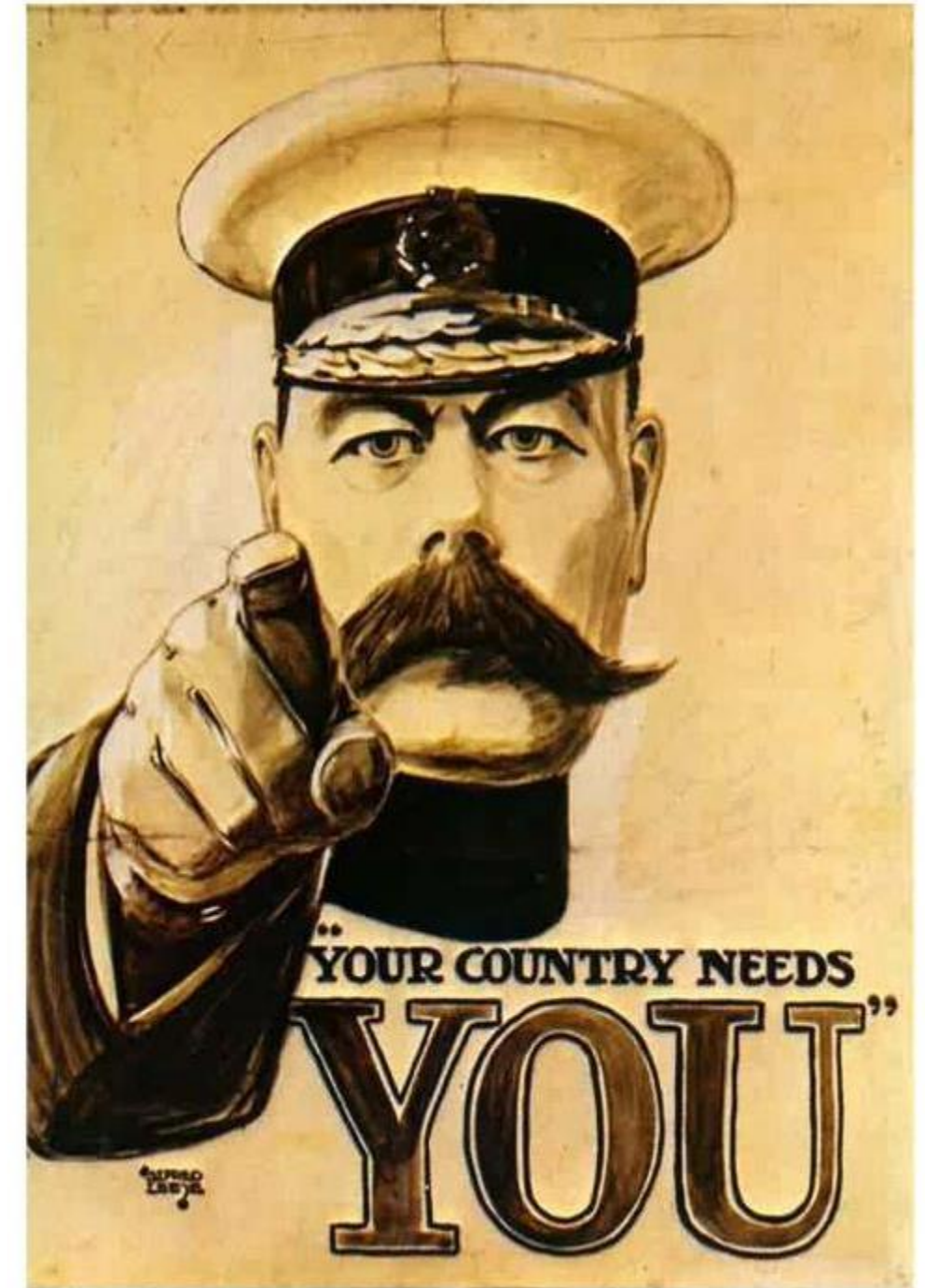
- There are about **50,000 electric vehicles (EVs)** on **Scotland's roads, just 2% of the total**. Though uptake is growing rapidly and by 2030 there is forecast to be a million EVs in Scotland
- Scotland **got a head-start** to most parts of the UK through a **£65 million Scottish Government investment** over the last decade in the **ChargePlace Scotland network**, with chargepoints mainly owned by local authorities. To encourage early adoption of EVs, many of these chargepoints offered free charging, with the costs met by local authorities or other owners.
- ***NOW we need to ensure that planning policy supports EV roll out and that Local Government are active partners in the design, delivery and ongoing maintenance of EV charging.***



# What do we need?

- Companies like SSE stand ready to build a national network of EV Community Hubs as part of our NZAP: **Net Zero Acceleration Programme** that will involve £25bn investment in green solutions to 2030
- So we want to **work with landowners across Scotland and the UK** who want to monetise their sites and help the planet
- We can help **you cut carbon and costs** by building EV Community Hubs
- For more information contact me on: [\*\*kevin.welstead@sse.com\*\*](mailto:kevin.welstead@sse.com)

# We need your land!





**Thank you and any  
questions?**