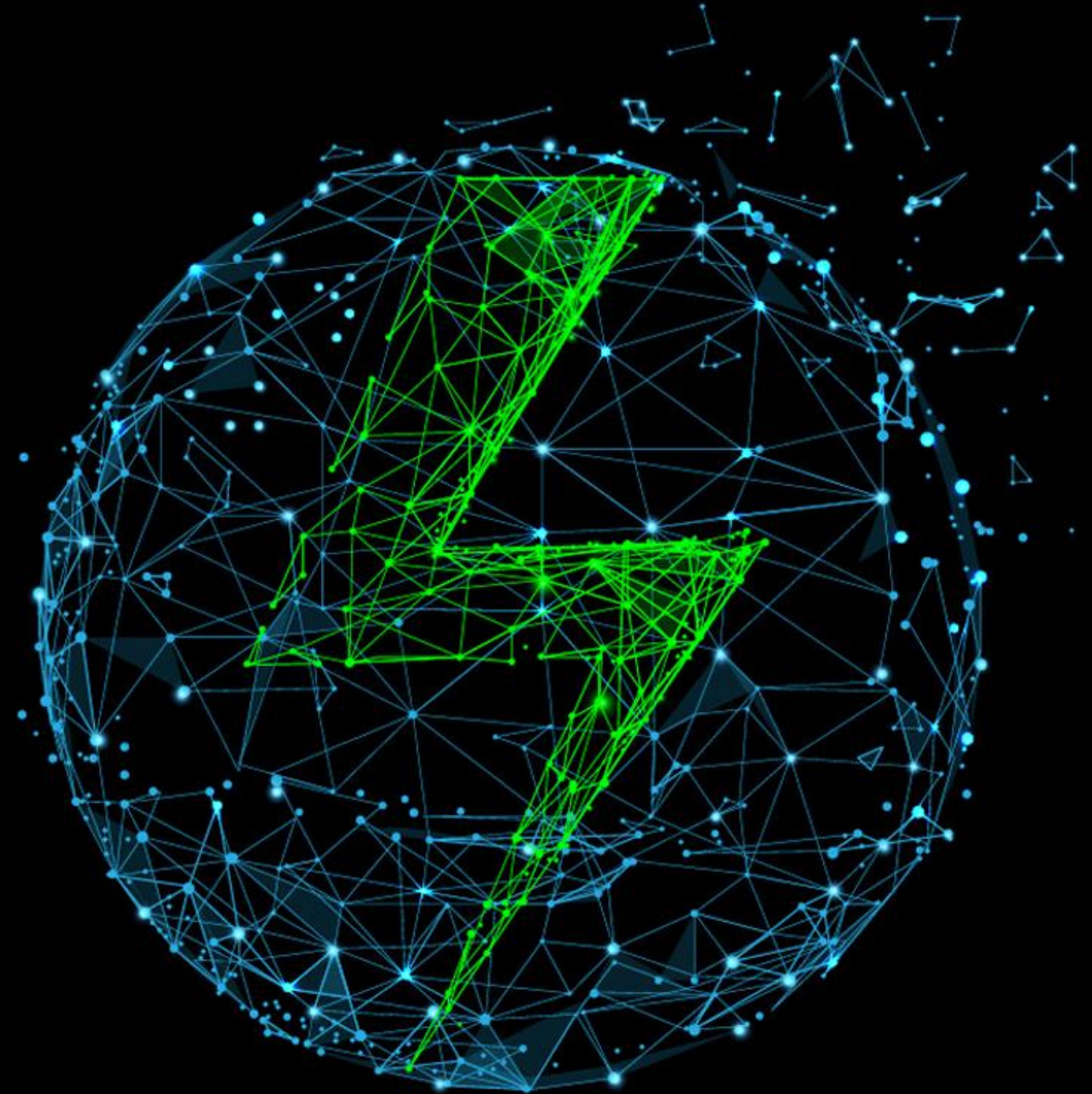


# **blink<sup>®</sup>**

## **Decentralised Energy Solutions**

Trevor Watt

Head of Investment Sales



# Our Partnerships cross borders and sectors

Fleet makes up 58% of vehicles in the UK



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# What are the challenges?

- ZEV and Fleet mandate 2030/2035 – uncertainty
- Capital cost of vehicles
- Capital cost infrastructure
- Multiple vehicles with differing charging needs – depot/home/trucks/cars/vans
- Un-reliable public infrastructure
- Cost of using public infrastructure for fleet



# EVRI – Electrification

## Challenges

- 700 vans – 168 already EV
- 60 HGV
- 800+ cars
- 25 depots
- Hundreds of delivery units
- Huge capital cost for infrastructure

## Solutions

- Duty cycles – understand the true demand
- Funding partner for Capital Investment simple monthly fee
- V2X hardware (pilot and future proof)
- Smart management system
  - Real time energy monitoring
  - smart control and automation
  - Dynamic load balancing
  - Integration with renewable sources

# LA – Partnerships are key

Leeds City Council, WSP Consulting, BAM Nuttall & Blink

- Stourton Park and Ride
- **1.2MW** of Solar array / **500kW/950kWh** battery storage
- **30 x EV chargepoints** (4 rapid and 26 fast)
- Electric Buses/Leeds City Council fleet/local fleet
- Reduces carbon emissions by approximately **471 tonnes** annually
- Peak limiting allows for the connection of more EV charging points without overloading the site's capacity.



## Challenges

- Expensive
- Multiple contracts
- Open to all groups including public
- Pre-booking key for fleet usage



## What do we need?

- Collaborative partnerships
- Sustainable solutions
- Data lead approach
- Global innovation and learning

Lets get started...

