



Energy for
generations

ESB ecars

Charging Infrastructure Outlook

John Byrne – Head of eMobility, ESB

EV Summit - November
2023

Introduction



2010



2023

ESB ecars own & operate the largest public EV charging network in Ireland

Electrification of transport a key component of our 2040 Net Zero strategy

Launched ecars in RoI in 2010, NI in 2012 & GB in 2017

Currently have **over 1,500 charge points** across the island of Ireland

€86m spent on our charging network to date - **€300m** investment by 2030



Market Observations & Developments in 2023

Growth & evolution of
EV customers



Price awareness &
sensitivity



Entry of additional
operators into market



Growth of fleet &
roaming markets

Infrastructure Delivery - Ireland

Barack Obama Plaza



Kinnegad Plaza



Wild Atlantic Way



Destination Charging

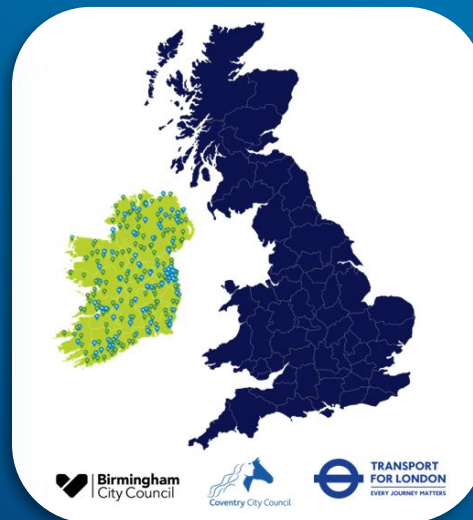


Rapid Charger Upgrades



Ultra Rapid Charging Hubs - Great Britain

Glenrothes, Scotland



Aberdeen, Scotland



Freemans Parc, Wales



**Charge Point Operations
in Ireland, Northern
Ireland, England, Scotland
& Wales**

Oakham, England



Our Net Zero Strategy in Action



- Our strategy is to deliver 3,000 chargers by 2030
- 31 high power charging hubs built with 6 in construction
 - Donegal
 - Charlestown
 - Blanchardstown
 - Tipperary Town
 - Carrickmines
 - Dundalk
- High volume routes with amenities and well-lit, safe surroundings
- Geo-targeted advertising to increase awareness of charger locations

Charging Infrastructure Outlook

- Increasingly Customer Driven 
- Acceleration of hub delivery in 2024 with a focus on high power chargers
- Increased speed and capacity of our Fast / Rapid network
- Availability of additional funding to industry
- Continued pressure on available grid capacity & connection
- Improved interoperability & opportunities for roaming & fleet partners





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Thank You

Find out more at esb.ie/ecars