



THE DRIVE TOWARDS A LOW-CARBON GRID

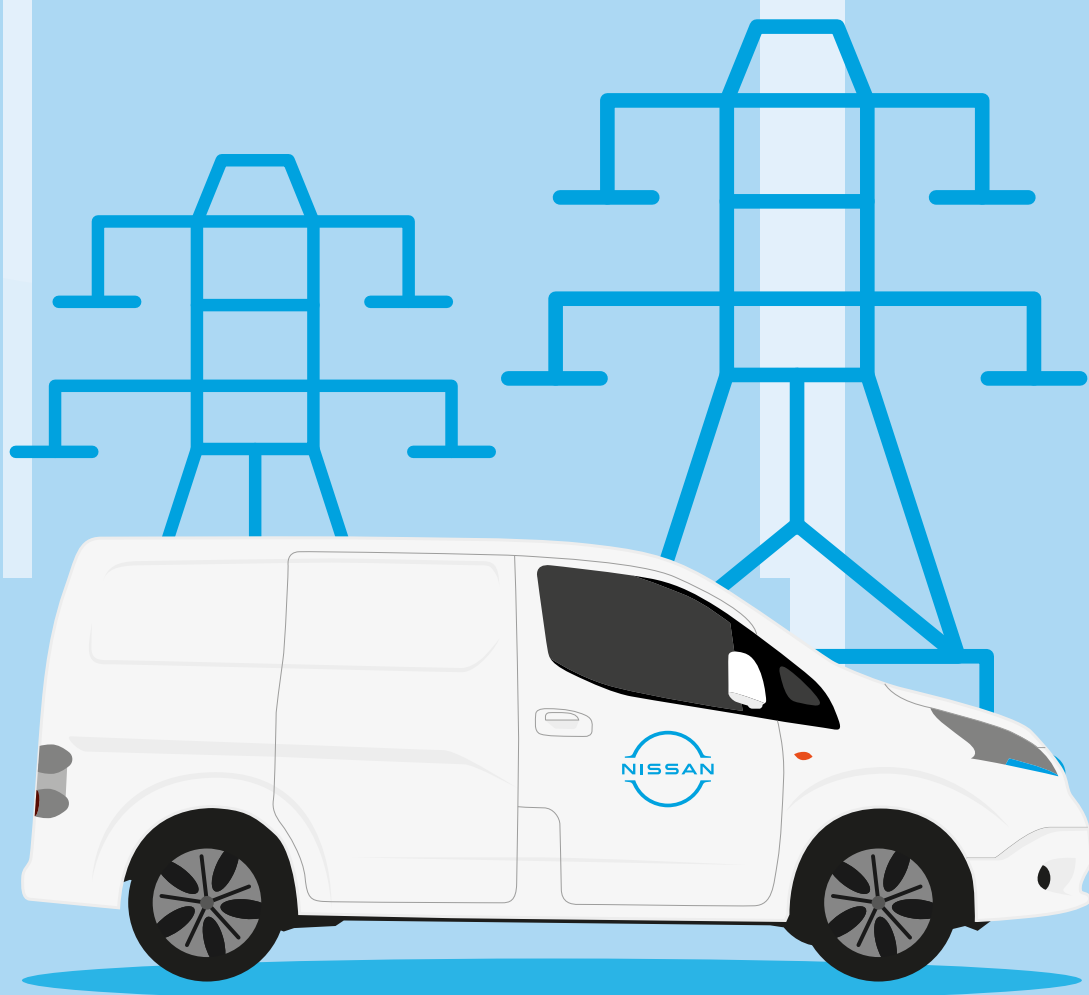
Unlocking the value of vehicle-to-grid (V2G) fleets in Great Britain

New study about V2G shows...

Nissan, E.ON and Imperial College London present findings from a major collaborative study into how V2G fleets can accelerate the decarbonisation of the UK power system and create substantial cost savings.

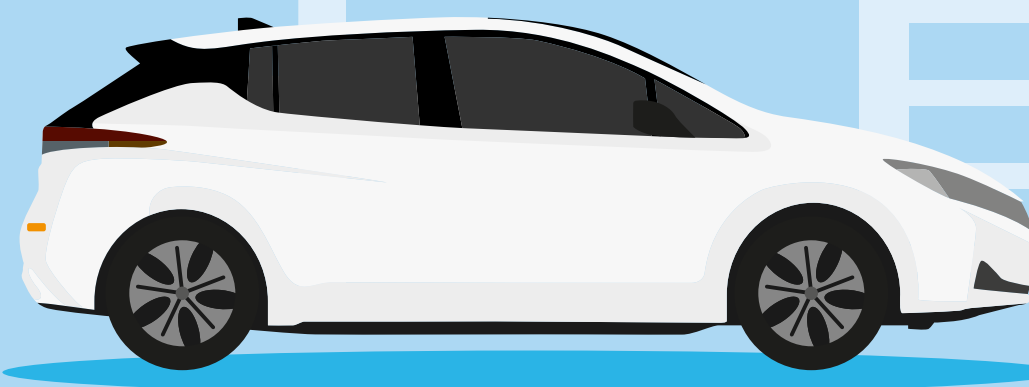
V2G technology enables electricity to flow to and from electric vehicles, allowing energy stored in EV batteries to be sent back to support the grid.

£410m+
PER YEAR



Whole-System Economic Benefits

V2G could unlock substantial overall power system cost savings of **£410m - £885m per year** during the next decade from offsetting capital and operational expenditure.

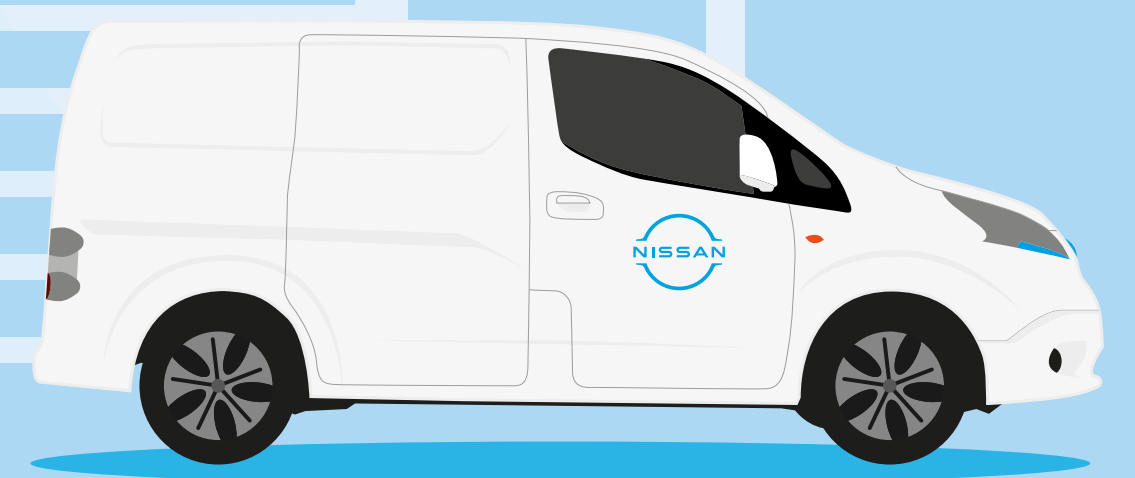


Carbon Benefits

V2G-enabled EV fleets have potential to cut overall power system CO₂ emissions to as low as **-243g CO₂/km**.

COST SAVINGS
OF UP TO:

£12k
PER ANNUM PER EV



Value of V2G for Electricity System Operation

Cost savings per vehicle of up to **£12,000 per year** and CO₂ reduction of **60 tonnes per year** for electricity system operation, through more efficient provision of grid services.

In collaboration with:



Imperial College
London

For more information on the carbon saving and economic benefits of V2G technology and recommendations on how to realise its full potential, download our White Paper at www.eonenergy.com/v2g