GEOSPATIAL INSIGHT

ELECTRIC VEHICLES IN THE UK

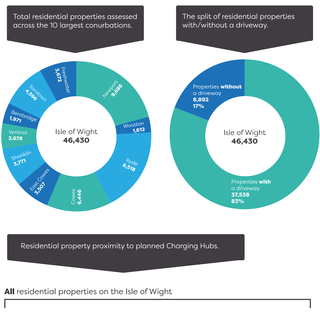
ISLE OF WIGHT CASE STUDY...

Access potential demand for on-street and public EV Chargepoints

17% of residential properties do not have access to **off-street parking**, enabling at home charging

40% of these could be **served by hubs,** located in existing car parks

AREAS OF FOCUS...



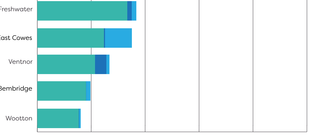
WHAT WE FOUND...

Total residential properties assessed across the 10 largest conurbations.

The split of residential properties with/without a driveway.

Residential property proximity to planned Charging Hubs.

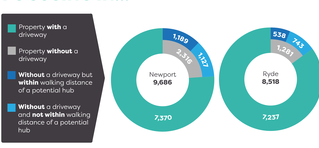
All residential properties on the Isle of Wight



Within walking distance

Not within walking distance

Properties **without** a driveway



Within walking distance

Not within walking distance

Identifying current and future demand areas enables better planning and prioritisation of Chargepoint roll out

COMBINING THE STATS...

KEY:

- Properties **with** a driveway
- **Without** a driveway but **within** walking distance of a potential hub
- **Without** a driveway and **not within** walking distance of a potential hub

FOCUSING IN...

- Property **with** a driveway
- Property **without** a driveway
- **Without** a driveway but **within** walking distance of a potential hub
- **Without** a driveway and **not within** walking distance of a potential hub

The intelligence delivered by Geospatial Insight to Isle of Wight provides a critical evidence base on which to build a funding application to LEVI (Local Electric Vehicle Infrastructure Fund).

'Without driveway' = low probability of having a driveway or other off road parking
'Within walking distance' = within 200 meters from a council owned carpark
(The same applies for the inverse of both)

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