

Product Overview

GigaMap

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GigaMap

Determining the optimal amount of charging infrastructure is a critical aspect of your operations, and it requires precise data-driven answers, rather than subjective opinions.

GigaMap, by Field Dynamics, offers an exact granular measurement of electric vehicle (EV) power demand at the micro-local level. This enables you to pinpoint the areas where additional infrastructure is needed, what assets could meet EV power demand, and where opportunities for expansion still exist.

No generalised, broad overview; they've analysed every van, car, make, model, and locality. This allows you to precisely identify EV charging demand hotspots with actual kWh figures.

The Solution

Field Dynamics have measured the annual mileages of every car and van with a valid MOT over recent years (140 million records). This allowed them to pair each vehicle with an equivalent EV to work out real world energy demand.

This gives the most accurate view of EV charging demand required today and into the future.



Detailed statistics

Not averages. GigaMap delivers an exact measure of electrical demand for every group of households (down to each LSOA).



On -street intelligence

GigaMap determines how much of this demand can be met residentially off-street, and how much by the public network.



Model-ready data

By matching to the ONS' LSOA groupings, this dataset can be combined to enrich your planning and modelling.

The Benefits

With GigaMap, you can optimise your infrastructure and make robust strategic decisions supported by concrete demand figures:



Deployment accuracy

With actual energy demand figures, you can optimise the charging infrastructure to best fit each opportunity.



Lightning-fast insights

The speed of analysis provides you with a clear competitive advantage in assessing sites.



Robust decision making

Robust data enables you to make robust decisions understood by all stakeholders in your organisation.

With GigaMap, you're equipped with precise, data-driven insights that show you high EV energy demand locations that'll be dependent on the public charging network.

Specification

Format	CSV
Granularity	LSOA
Currency	2020 – 2021 MOT data
Inclusions	LSOA Code Number of Households % on-street ratio kWh of demand

Chat to us

If you have any questions, get in touch with your Account Manager who will be happy to help.



We are miso

We're all about finding flexible, innovative ways to make working with data easier. Whether that's connecting systems, automating day-to-day processes or deploying machine learning; we work with your team to create something that lets you get the most out of the information you already have.

Over 25 years of experience and our trusted partnerships with Ordnance Survey, Precisely and Safe Software enable us to advise our customers not just on what's possible today, but what will be possible in the future.

Our solutions have helped hundreds of local authorities, as well as many private organisations, to solve their data challenges.

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