



Low Carbon Regional Energy Planning

a more advanced and sustainable tomorrow



Dan Leighton, CEO
dan@agilis.ai



AGILIS Ai
solving for x

Gas Pipe >

164 rows

Substation >

490 rows

scot_IG_bounds_super_gener...

1,279 rows

DBRailCO2.csv >

65,940 rows

+ Add Data

Gas Pipe

Polygon

GSP

Point

Wind

Point

Solar map

Point

OHL

Polygon

DNO License Area

Polygon

Scot_IG_bounds

Polygon

PV GSP by Popul...

Polygon

DB Rail

Grid

+ Add Layer

Layer Blending

normal

A map of the United Kingdom with a network of yellow lines representing gas pipes. The map is centered on the British Isles, showing the United Kingdom, Ireland, and surrounding waters. Major cities and regions are labeled, including London, Manchester, Birmingham, Glasgow, Edinburgh, and Belfast. The network of gas pipes is dense in the central and eastern parts of the UK, particularly around London and the Midlands. The map also shows the Irish Sea, English Channel, and surrounding countries like France and the Netherlands. The map is displayed in a dark theme with yellow lines for the gas pipes.

mapbox

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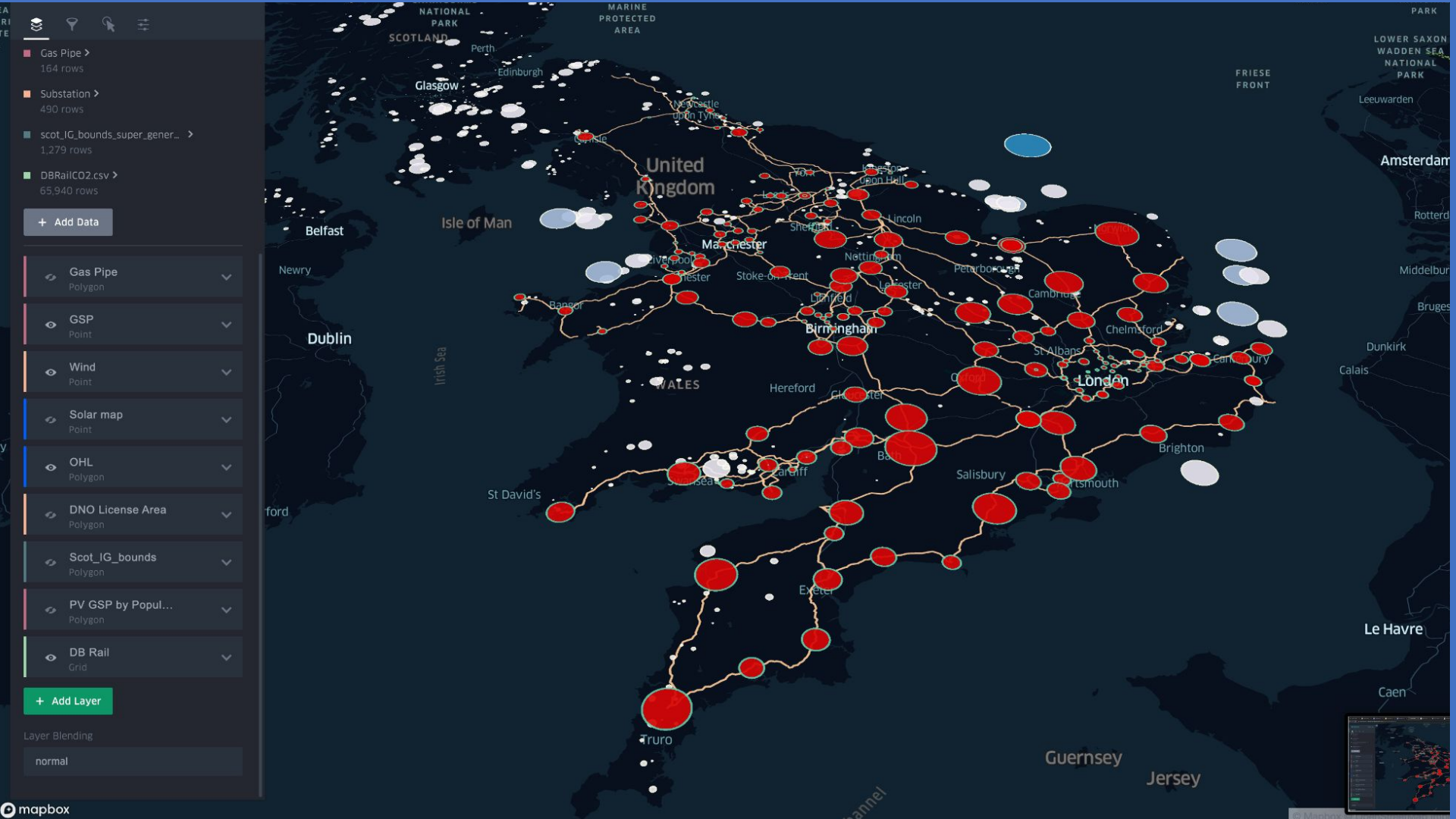
Layer Blending

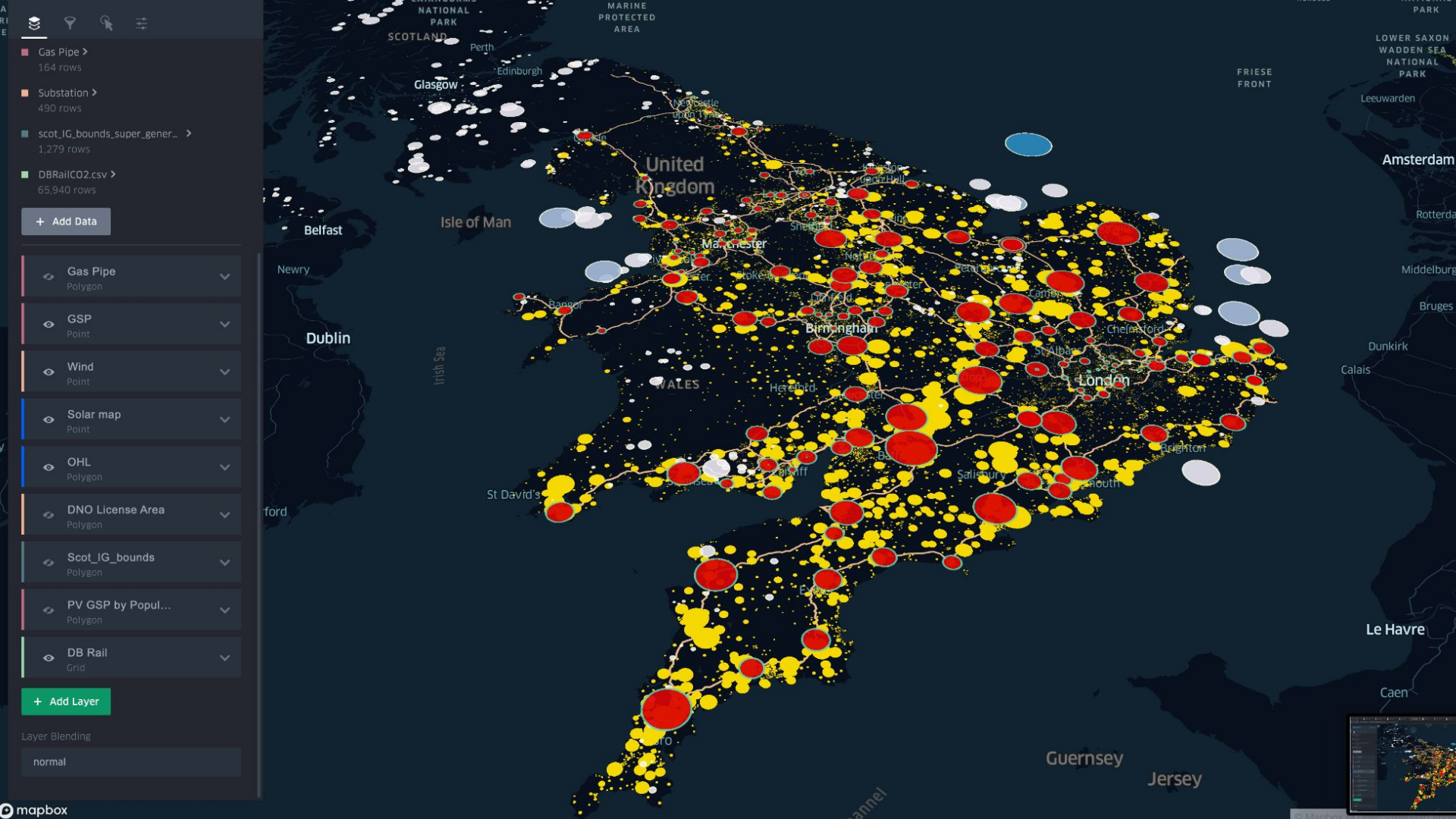
normal

A map of the United Kingdom and surrounding regions, including parts of Ireland, the Isle of Man, and the Channel Islands. The map displays a network of red circles of varying sizes, connected by yellow lines, representing a gas infrastructure network. The red circles are concentrated in the eastern and central parts of England, particularly around London, and in the south of England. Yellow lines trace the network across the country, connecting major hubs. The map includes labels for various cities and regions, such as Glasgow, Edinburgh, Manchester, Birmingham, London, and Truro. The background is a dark blue map with white text labels for geographical features and cities.

mapbox

© Mapbox © OpenStreetMap





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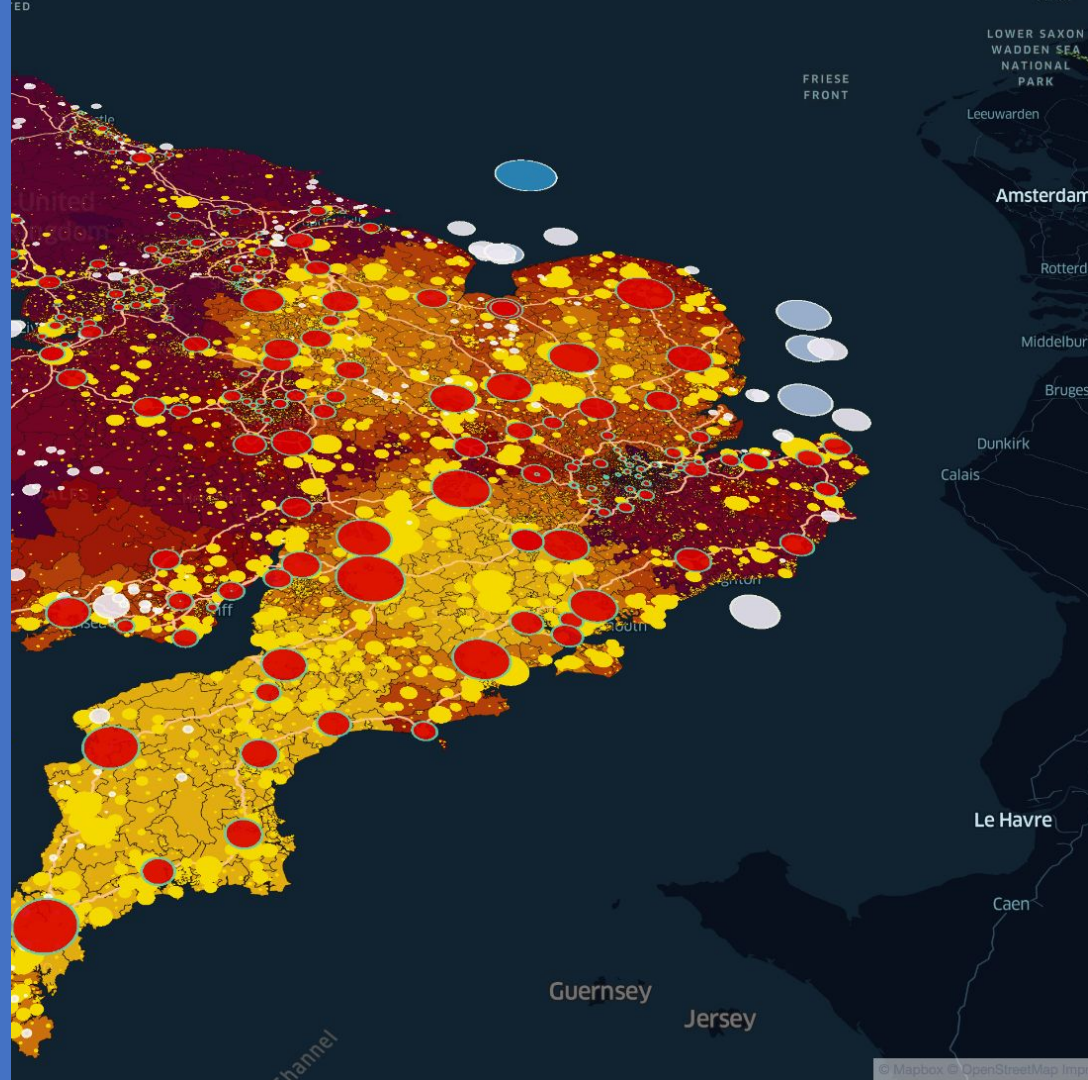
normal

This figure is a map of Great Britain and Ireland, overlaid with various energy infrastructure data layers. The map uses a dark blue background for the sea and a light tan background for land. The data layers are represented by colored circles and polygons of varying sizes. The layers include:

- Gas Pipe**: Represented by small red circles.
- Substation**: Represented by small yellow circles.
- Wind**: Represented by small blue circles.
- Solar map**: Represented by small green circles.
- OHL**: Represented by small orange circles.
- DNO License Area**: Represented by small purple circles.
- Scot_IG_bounds**: Represented by small pink circles.
- PV GSP by Popul...**: Represented by small light blue circles.
- DB Rail**: Represented by small light green circles.

The map also shows major cities and geographical features, including Glasgow, Edinburgh, Belfast, Dublin, and the Irish Sea. The map is sourced from Mapbox, as indicated by the logo in the bottom left corner.

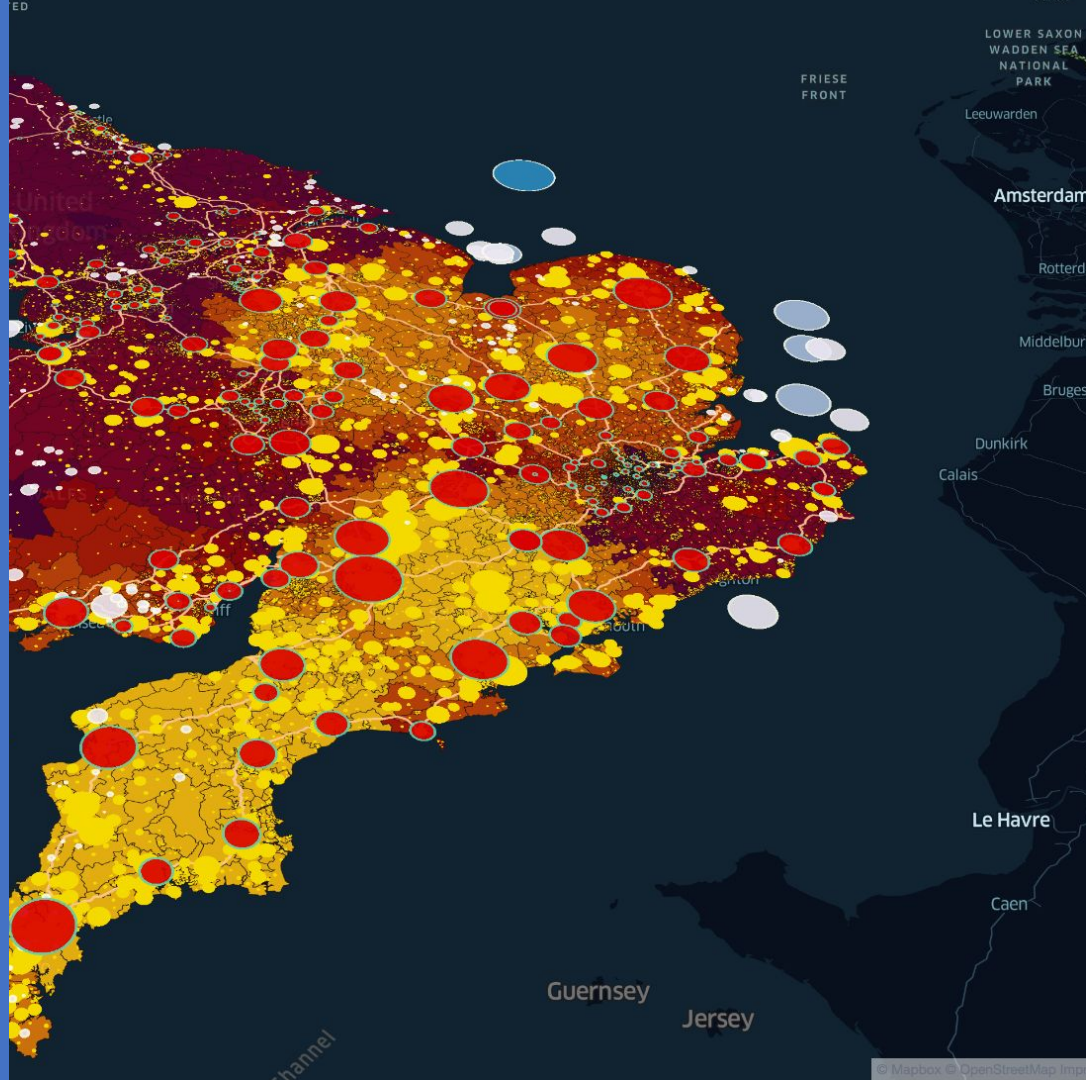
...the highest
resolution
energy big
data platform
on the market



Transitioning to net zero
requires €400 billion
euros per year

10% of that is planning
cost

Our platform aims to
reduce that cost by half

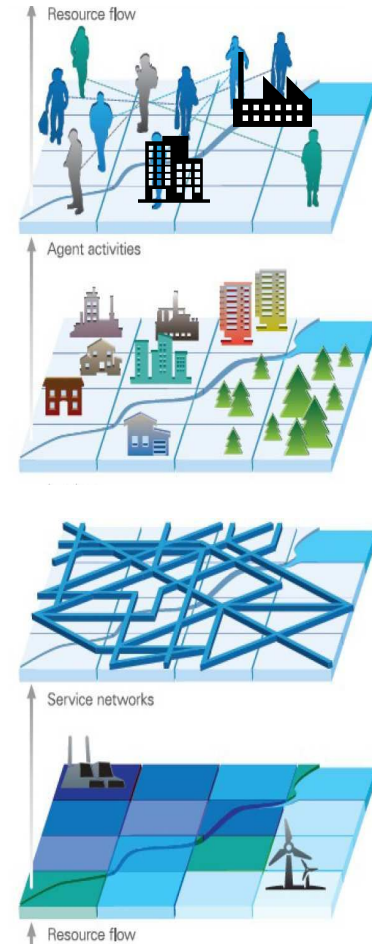


WHAT DO WE DO?

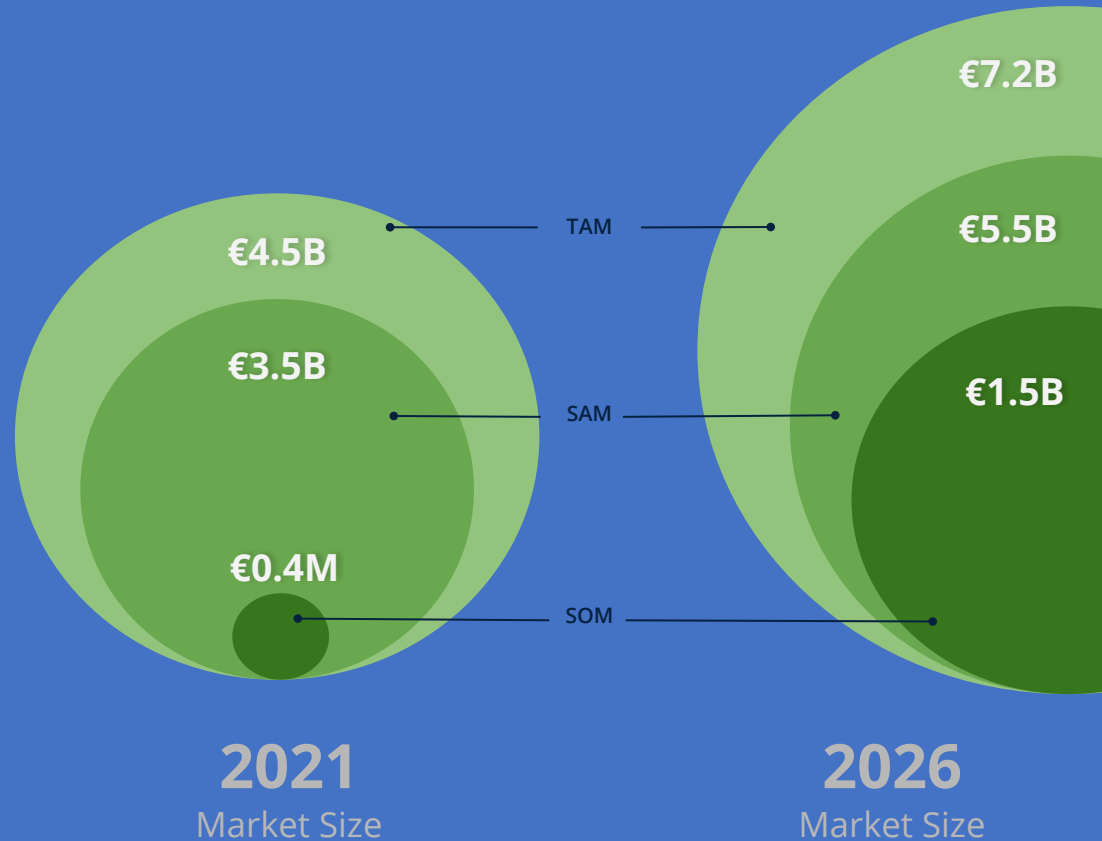
We de-silo the energy Data Value Chain allowing **Low Carbon Energy Infrastructure** to be **planned, built and deployed** fast enough to achieve net zero targets

This means we provide:

- **Clean big data** for both energy (network, demand, generation) and non-energy (socio-demographic, transport, future trends) needs
- A **common analysis framework** to access and analyze data
- A **visualisation platform** to collaborate securely and share common data models



The energy data analytics market is worth €4.5B and is being driven by the need to reduce the cost of low carbon energy infrastructure as we transition to net zero



REVENUE MODEL

Platform Subscription Services

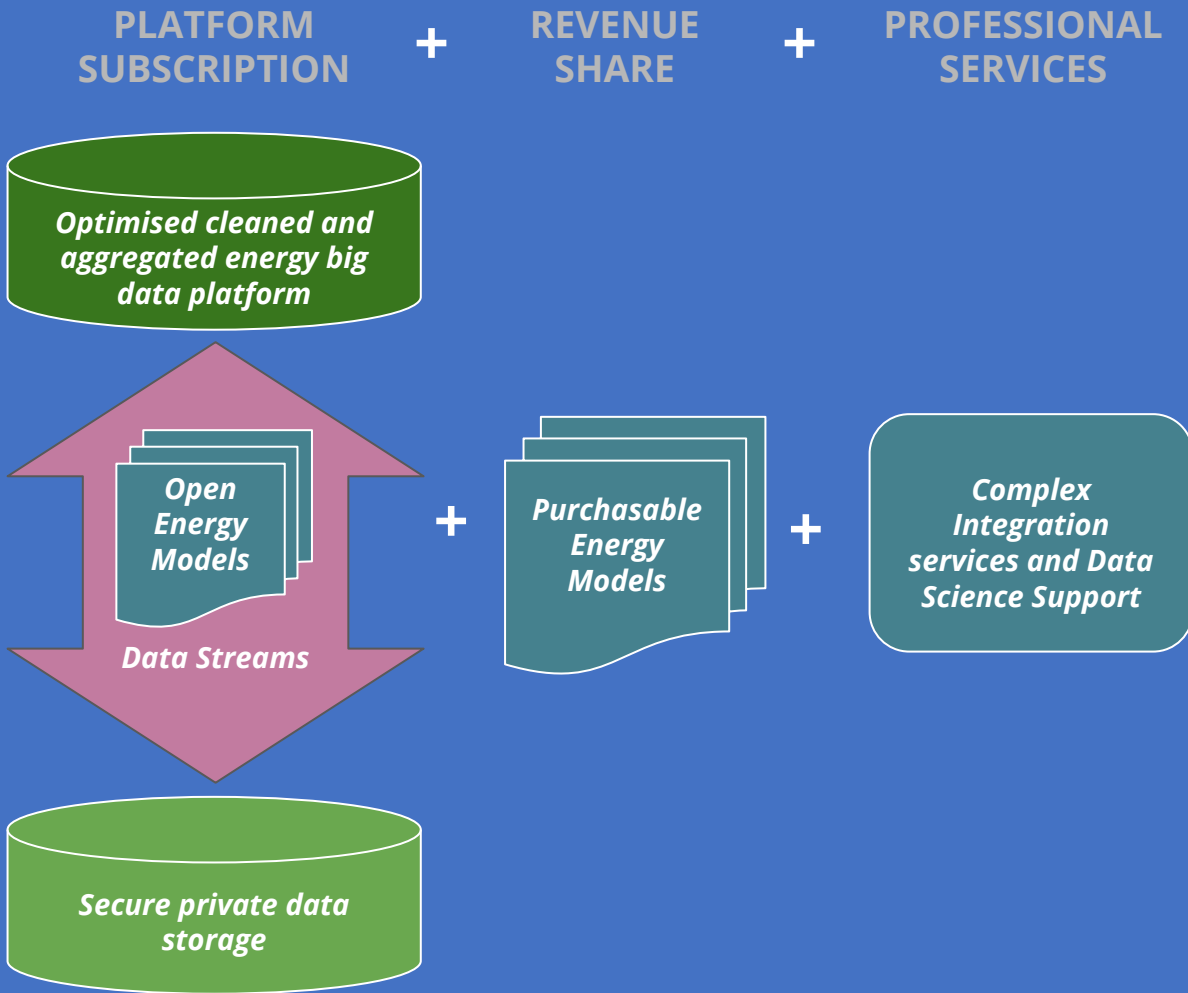
- Host open datasets and models **optimised** for energy analytics
- Charge for **streaming** of big data from datasets
- Charge for **secure data storage** of private energy big datasets

Professional Service Contracts

- Complex **big data integration** services
- Advanced Energy Modelling **data science support** services

Revenue Share Stream from Marketplace

- From Energy Consultancies selling services through the **platform marketplace**



COMPETITOR ANALYSIS

100x better geo-spatial resolution than any competitors

Fully integrated data cleaning, querying & modelling streams

Much more cost effective than traditional consultancies



Our traction.

We have already gained €170,000 in sales for our system in addition to our grant funding

Our first long term recurring revenue customer will be UKPN - a 9 billion euro power company in the UK

We will launch our pilot with them in October this year

€100,000
Pre-seed funding

€450,000+
Non-dilutive
grant funding

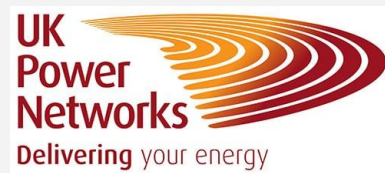
€170,000
Revenue

€2,000,000
Fundraising

Q4 2020

Q2 2021

Our Lead Customer
A 9 billion EUR
company



TEAM



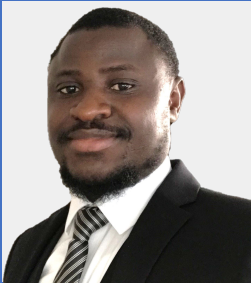
Dan Leighton
CEO



David Stoughton
Head of Product



Suhas Dattatreya
Director of Engineering



Dr Hindolo George Williams
Energy Modelling Expert



Kalpitha Nidigal
Senior Software Engineer



Noah Miller
Data Scientist

ADVISORS



Ashley Barrett,
Technology
Strategy



Dennis Birkhoelzer,
HHL Business School



Freerk Bisschop,
Managing Partner
Energy Rockstart



**Deliver a more advanced
and sustainable tomorrow**

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