

Back EVD-CVM Dashboard

EV Deployment & Charging Viability Model

Search Viability Upload

Upload Custom Route Data

Upload your GPS route data in CSV or GeoJSON format for real-time viability analysis.

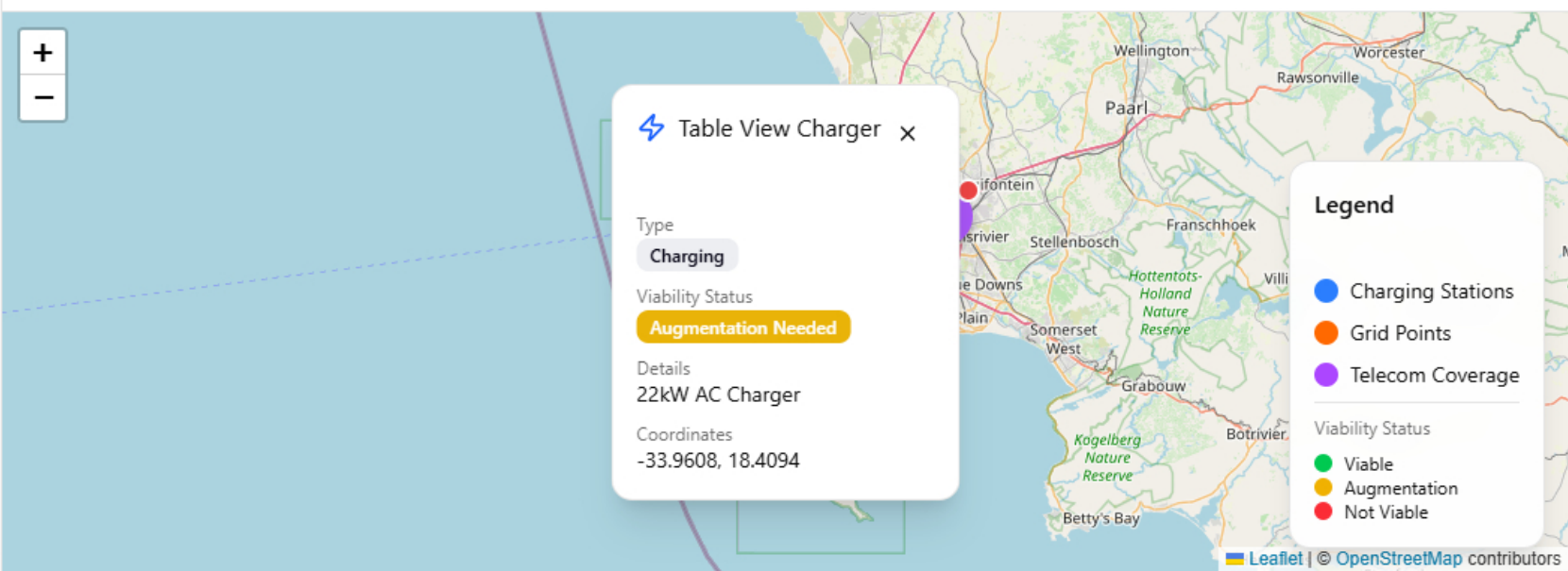
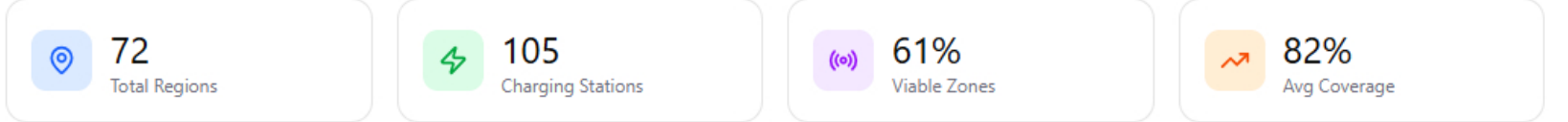
Drag and drop your file here

or

Browse Files

Supported formats: CSV, JSON, GeoJSON

Required Data Format



Back EVD-CVM Dashboard

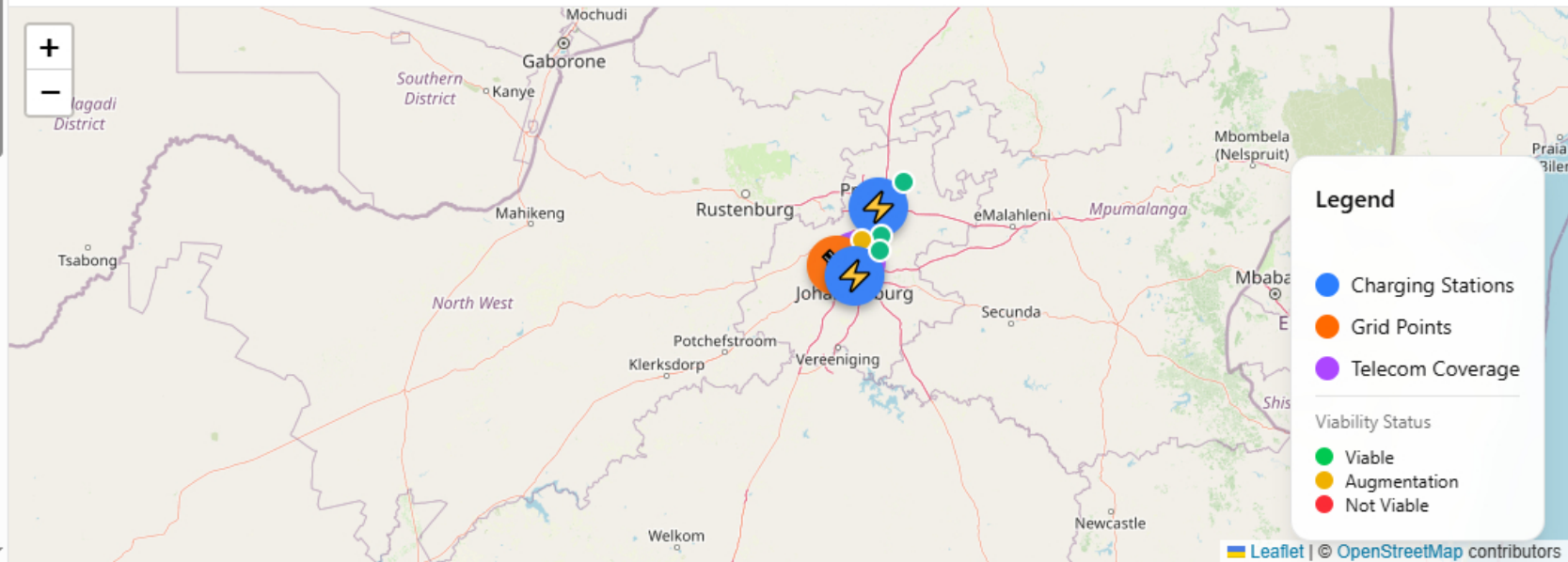
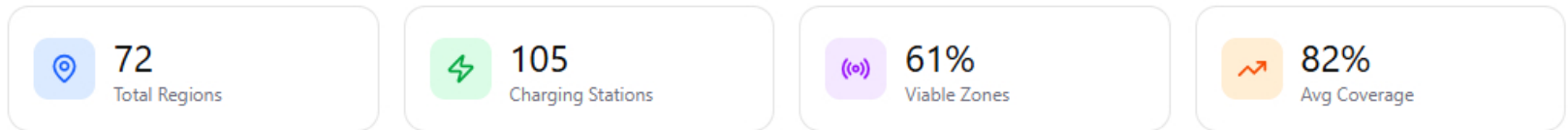
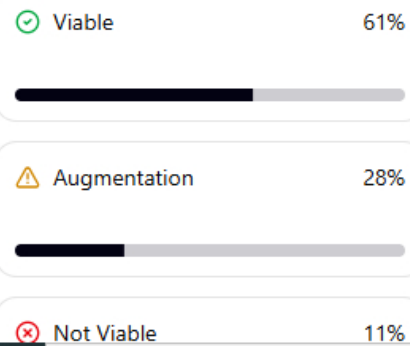
EV Deployment & Charging Viability Model

Search Viability Upload

Filter by Viability Status

- All Regions
- Viable
- Augmentation Needed
- Not Viable

Viability Distribution



EV Deployment and Charging Model

AI

EVDCVM Dashboard

AI-Powered Site Viability Analysis

Machine learning-based recommendations for EV charging infrastructure deployment

Recommend Build
2

Consider Build
7

Not Recommended
11

✓ SITE-ALL-1010

Openserve Property -29.2924, 25.1345

Daily Energy
267.95 kWh

Viability Score
90.5%

Est. Cost
R248k

Nearest Charger
4.0 km

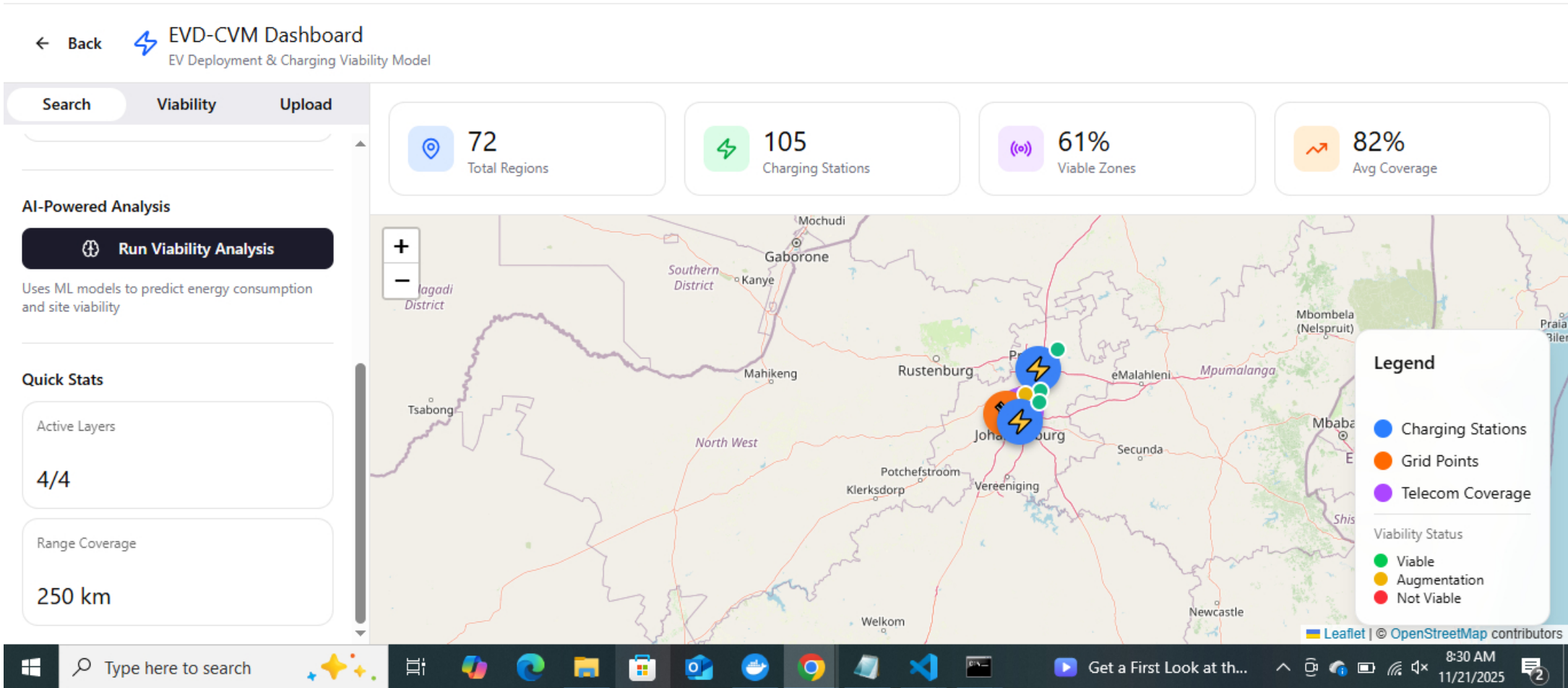
Recommend Build

Analysis complete: 20 sites evaluated
Powered by Gradient Boosting ML models (Energy Prediction + Viability Classification)

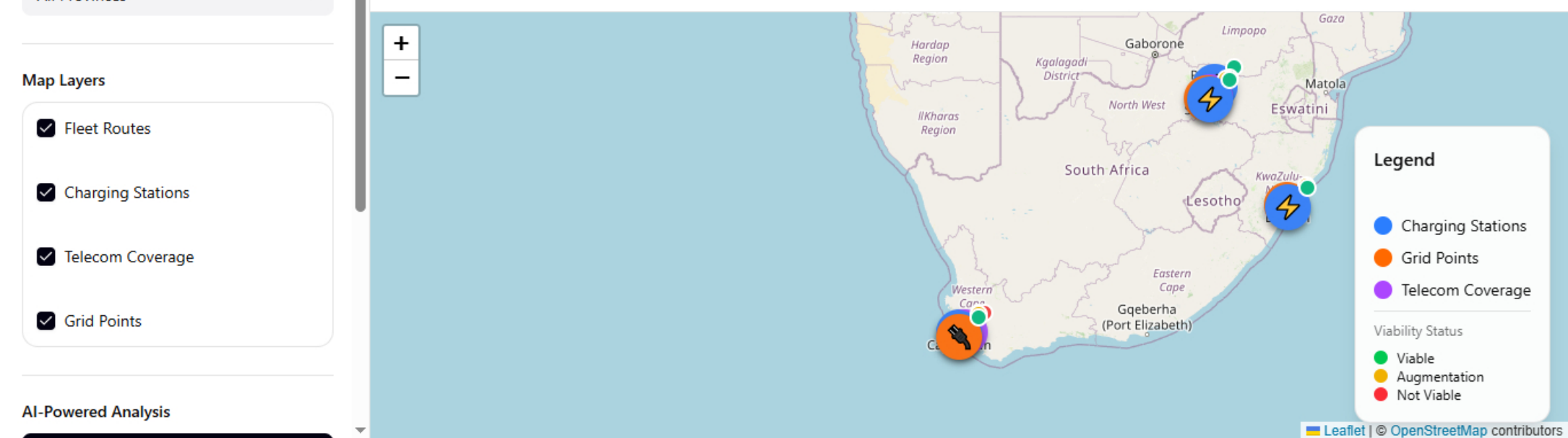
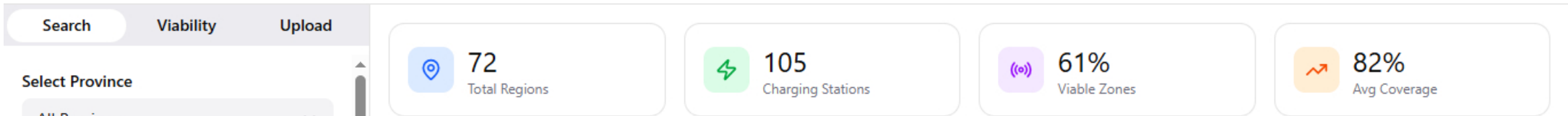
Close

Leaflet | © OpenStreetMap contributors

19°C Sunny 8:30 AM 11/21/2025



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SATNAC

Mapping Viable Deployment and Charging Infrastructure Needs

An AI-powered geospatial decision support tool for Battery Electric Vehicle deployment and charging infrastructure planning

 Explore Dashboard

Learn More

How Our Solution Works

← Back **EVD-CVM Dashboard**
EV Deployment & Charging Viability Model

