



Proud member of Stellenbosch
University Group of Companies

Data and Systems Integration

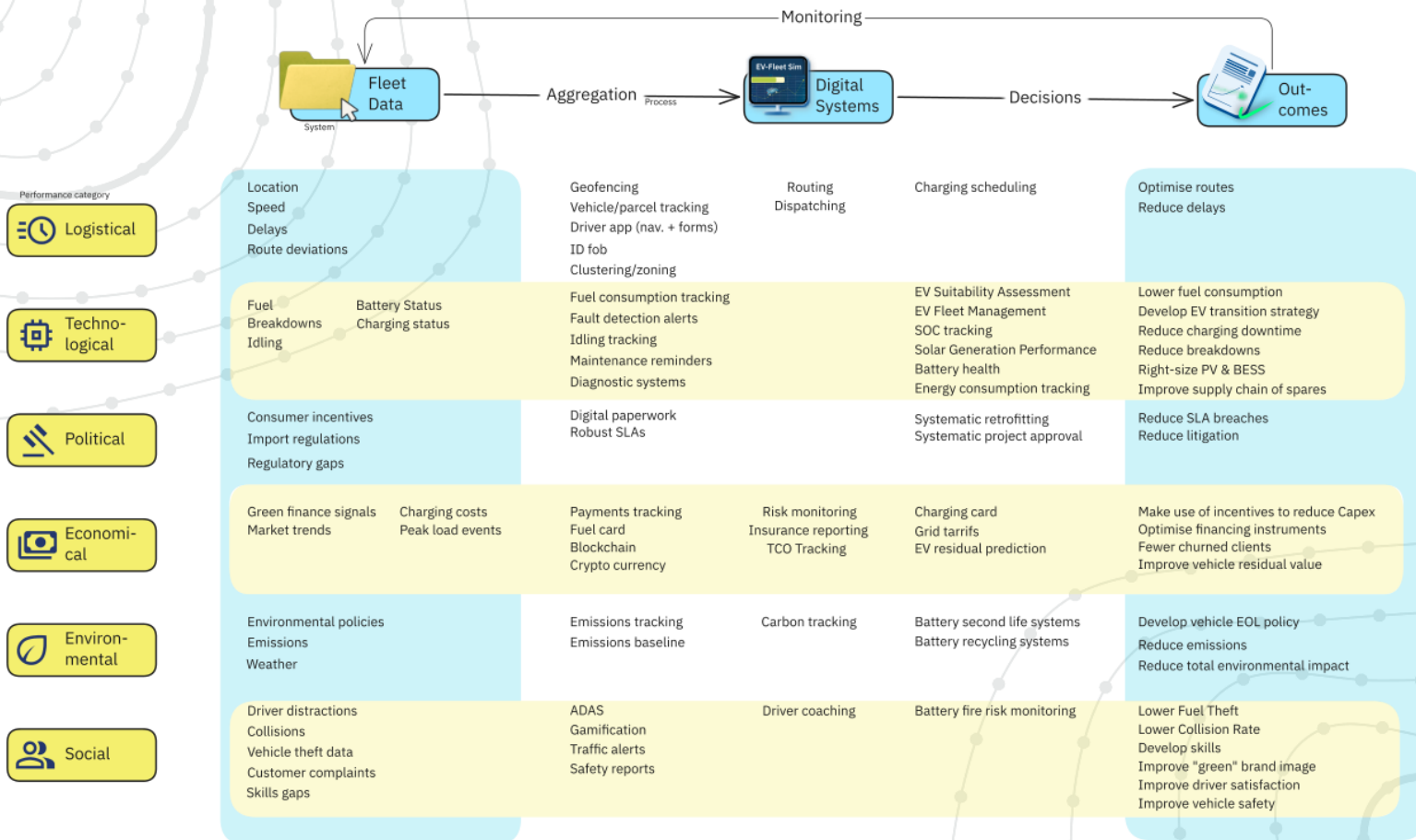
Building decision-support
capability

Dr Chris Joseph Abraham
CEO, EV-Fleet

Version: 16 October 2026.

© EV Fleet (Pty) Ltd.

Data System Evaluation Card



Reach out

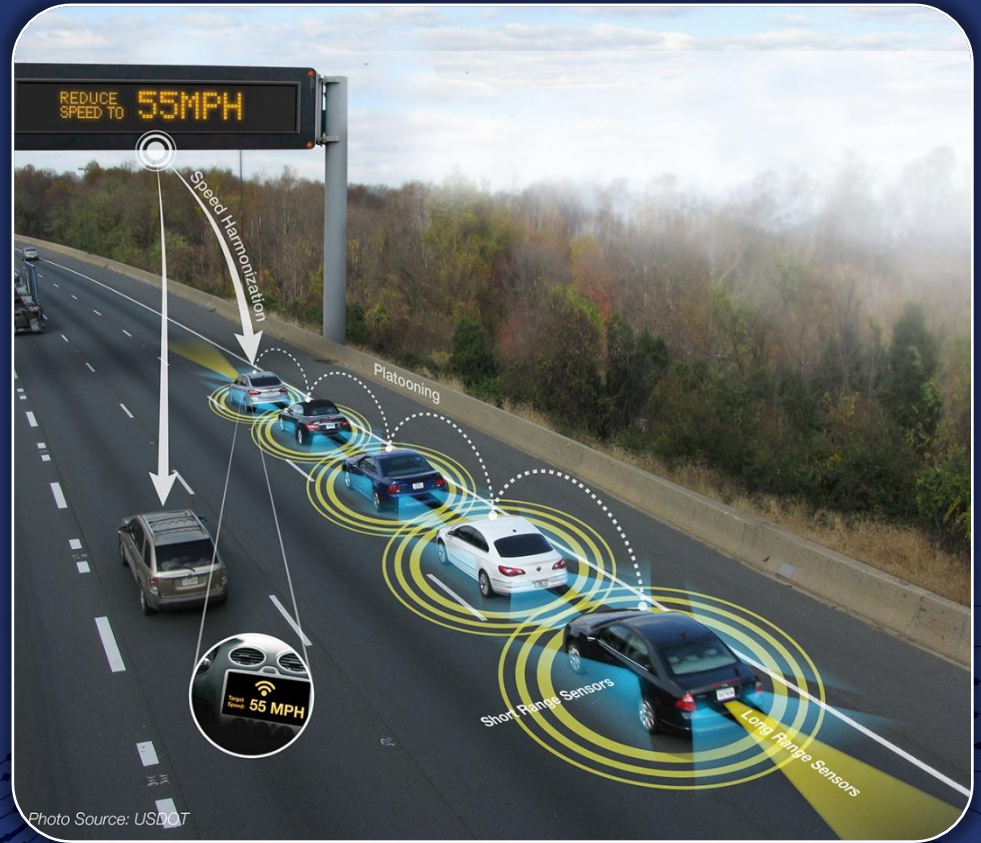
Dr Chris Joseph Abraham

✉ chris@ev-fleet.co.za

☎ [+27 81 540 4218](tel:+27815404218)

🏢 [ev-fleet-pty-ltd](https://ev-fleet.co.za)

🌐 <https://ev-fleet.co.za>



Overview



1. Fleet Data



2. Digital
Systems



3. Outcomes

Section 1

Fleet Data

What kind of data is needed for decision support?



Tomorrow's Fleet

Intelligent Fleet



Autonomous Vehicles



Micromobility



NEVs



BRT



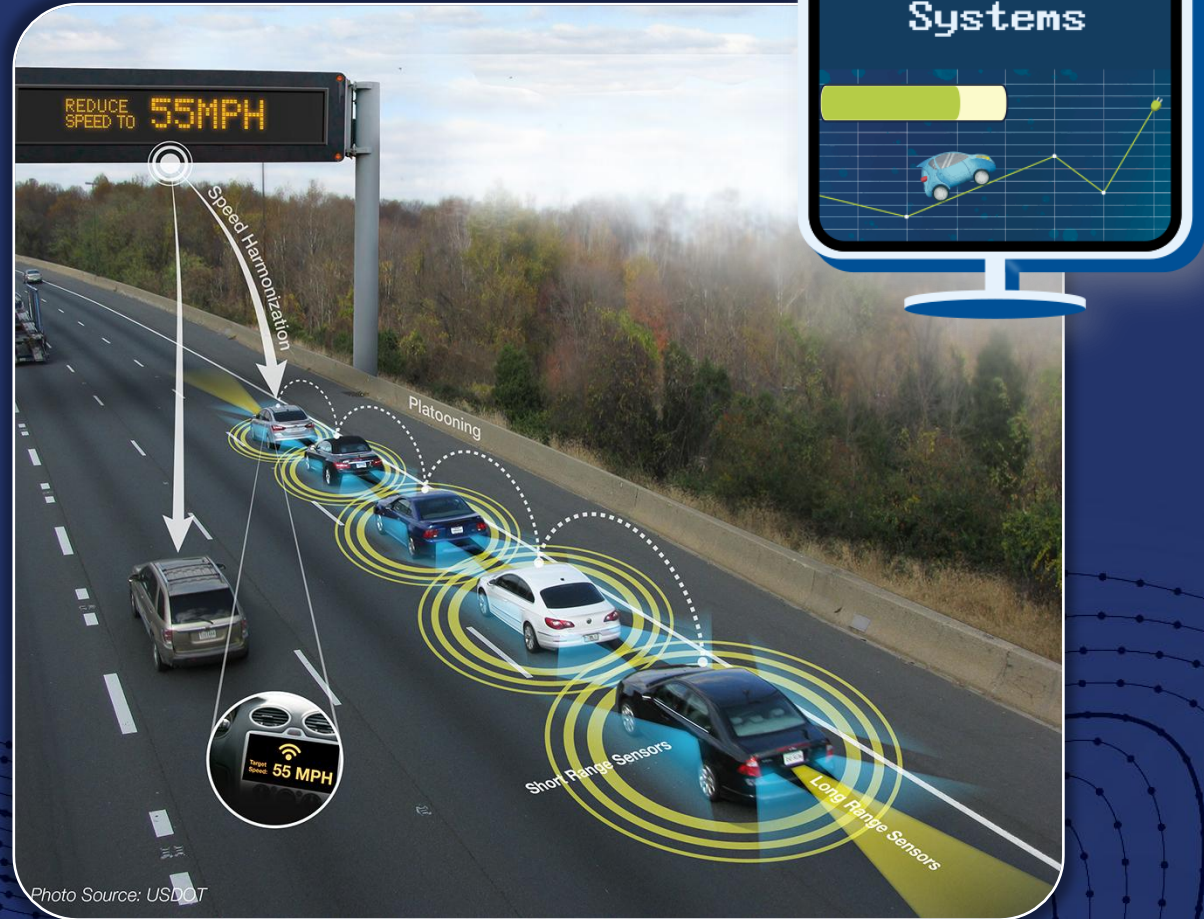
Water, Rail, Air



Section 2

Digital Systems

How do we apply data to enhance fleets?



Intelligent Transport Systems

Smart Vehicle



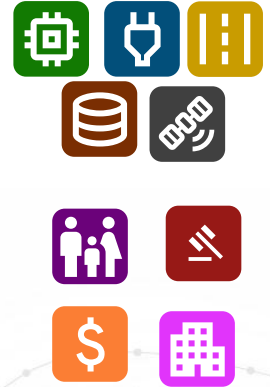
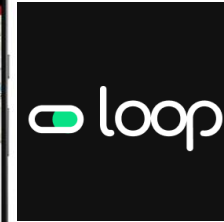
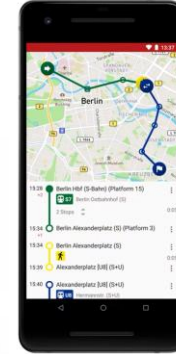
Smart Infra.



AFC



Smart Commuter



Smart Fleet Management



16 October 2026

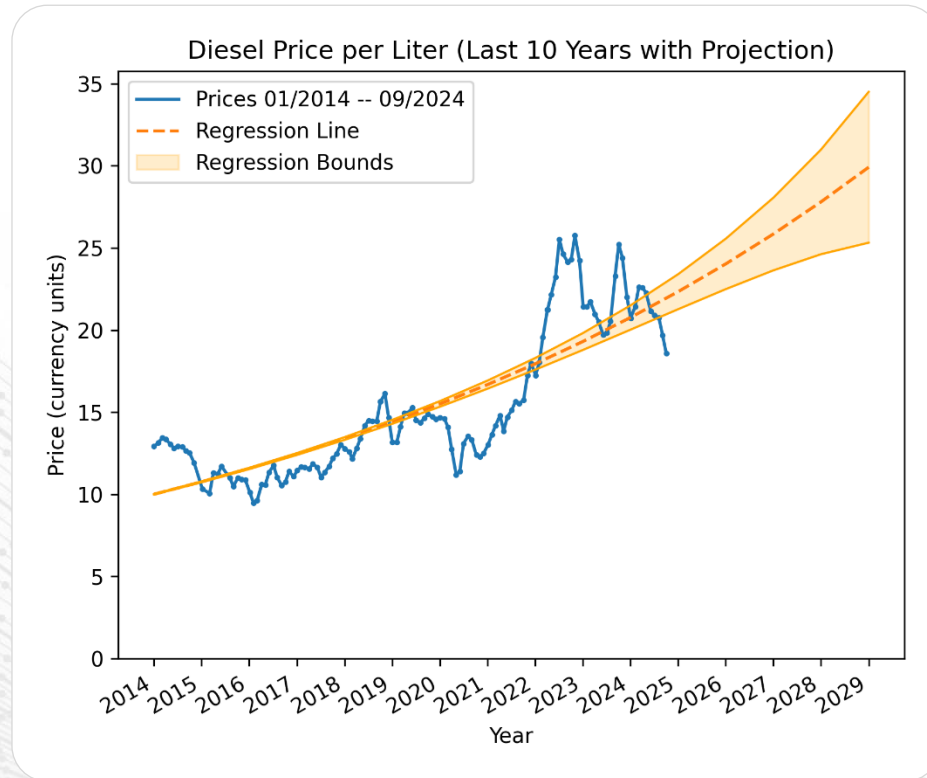
Section 3

NEV Outcomes

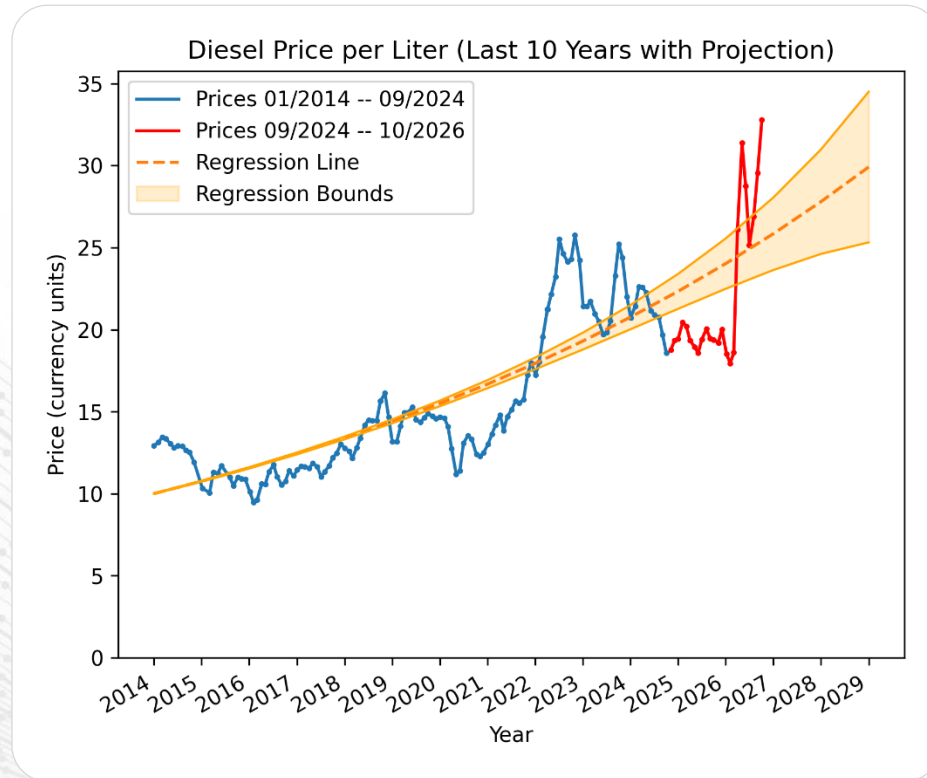
What decisions need to be made as we move to a future NEV fleet?



New Energy Vehicles



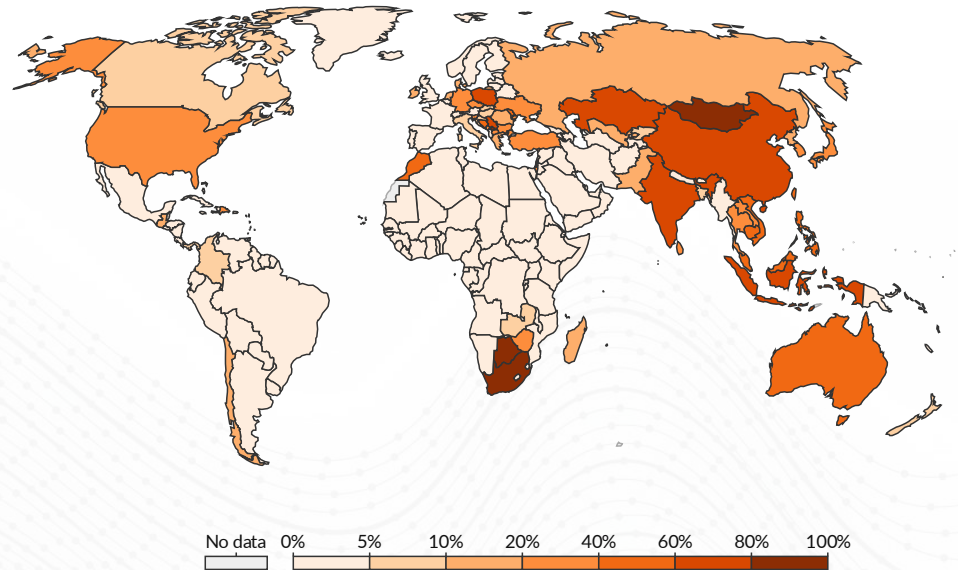
New Energy Vehicles



New Energy Vehicles

Share of electricity production from coal, 2021

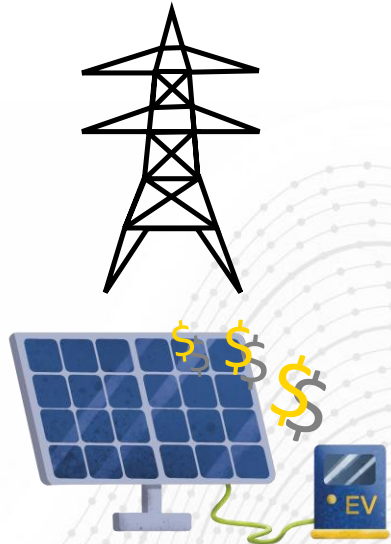
Our World
in Data



Source: Our World in Data based on BP Statistical Review of World Energy, Ember Global Electricity Review (2022) & Ember European Electricity Review (2022)
OurWorldInData.org/energy • CC BY

New Energy Vehicles

Energy Generation and Distribution



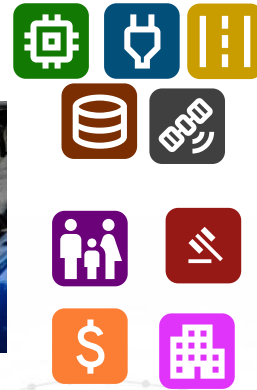
Charging



Vehicle



Maintenance



Conversions



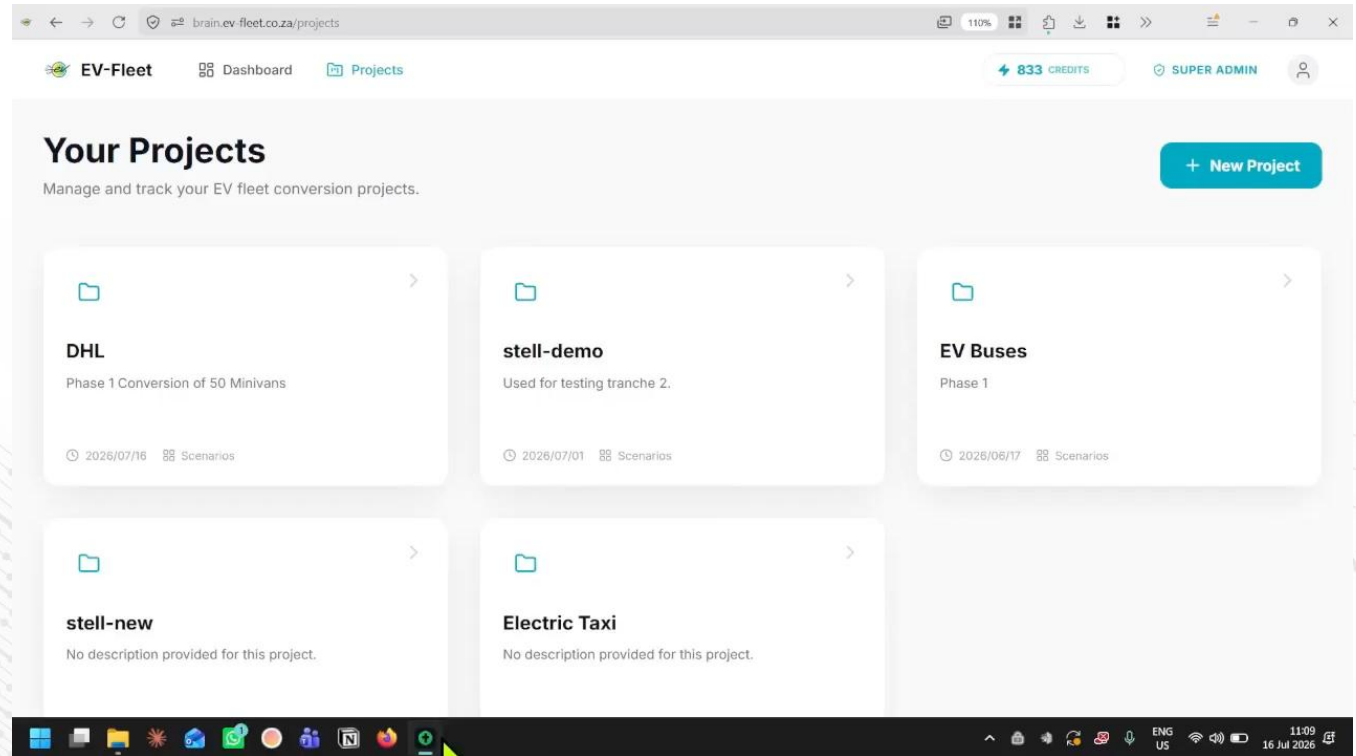
End of Life



New Energy Vehicles

Fleet electrification planning software:

<https://ev-fleet.co.za>



16 October 2026

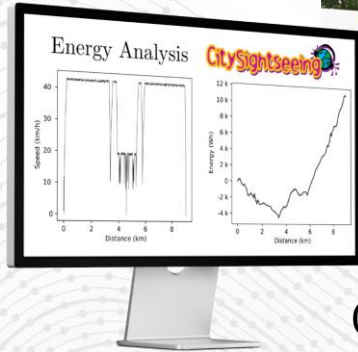
© EV-Fleet (Pty) Ltd.

New Energy Vehicles

Project implementation strategies.



Scatec



Open-top bus tours



Global renewable energy developer



16 October 2026

© EV-Fleet (Pty) Ltd.

Thank you

Dr Chris Joseph Abraham

✉ chris@ev-fleet.co.za

☎ [+27 81 540 4218](tel:+27815404218)

🏢 [ev-fleet-pty-ltd](#)

🌐 <https://ev-fleet.co.za>



16 October 2026

© EV Fleet (Pty) Ltd.



USEnterprises
STELLENBOSCH UNIVERSITY

Proud member of Stellenbosch
University group of companies