Electrification

Developed by :









Project by :



Zero emission vehicle buying decision tool



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Environmental

Impact

(CO2 Savings)

Infrastructure

integration (MCS Insights) **Buying**

Decision

Tool

ZEV Usability (Range and Reach Polygon)

Total Cost of

Ownership

(TCO)

X

Vehicle

Configuration



Solutions

ZERO EMISSION VEHICLE BUYING **DECISION TOOL**

Long-haul & regional road transport

Solutions

Electrification





Solution description

A digital tool designed to support HGV fleet operators and buyers in evaluating the transition to zero-emission vehicles.

It assesses the suitability of different powertrains and calculates operational and capital expenditure to determine the most cost-effective and sustainable options for specific logistics operations.

The tool enables informed decision-making in planning future fleet composition and decarbonisation strategies.



Benefits

- Identifies the most cost-effective zero-emission vehicle options
- Optimises fleet powertrain mix for operational efficiency
- Calculates Total Cost of Ownership, including OPEX and CAPEX
- Supports strategic planning for sustainable fleet transition

Main beneficiaries: All companies involved in the purchase and/or operation of HGV's



Technology readiness level: 7 Implementation stage : Pilot

Operational fields

Technologies

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Technologies



Operational fields