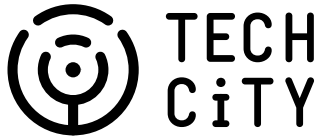




Aveiro Urban Challenges

CHALLENGE Transdev



Partner

Transdev

Partner contact for Challenge Development

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Challenge

Vehicle allocation optimization based on ecological footprint and operating cost criteria

Challenge's Scope

Nowadays mobility goes hand in hand with environmental, energy and economic efficiency issues. Considering this, we propose the development of a tool that supports the decision maker to manage the allocation of rolling stock, taking into account:

- Consumption of each type vehicle.
- Available Seats - Demand (passengers per time slot).
- Vehicle life cycle (in accordance with the contract).
- Maintenance costs.
- Emissions (ecological footprint).
- Other aspects to be considered.

In short, the challenge is to create and develop a tool that helps optimization and allocation of vehicles regarding different routes and times, taking into account the ecological footprint and costs reduction.

Challenge Development

Transdev has several tools that provide information that can be treated and worked.

Partner Mentor *

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