Project Reference Sheet | **Urban** | **Mobility**

Strategy of decarbonization of the Paris Airports fleet

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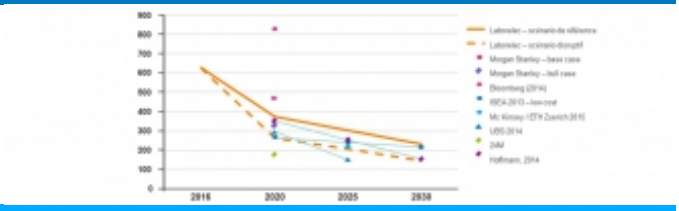

Client: Aéroport de Paris Ingéniérie
Country: France - Orly
Date/Period: 2018 - 2019
Contract Value: 24 kEUR

PROJECT DESCRIPTION

Determine an energy transition roadmap for Groupe ADP fleet vehicles until 2030, according to operational, economic and environmental constraints.

The RoadMap presents for the 3 Paris Airport (Charles de Gaulle, Orly and Le Bourget) a transition trajectory based on:

- The environmental objectives
- Number of vehicles for the targeted fleet (+-1000 vehicles)
- Clean technology proposal adapted to the specific usages
- Vehicles renewal schedule
- Associated cost (TCO)
- Impacts on infrastructure, works and maintenance

This study is part of the Paris Airport Strategy to be carbon neutral in 2030.

COMPETENCES INVOLVED

- Strategy for mobility decarbonization
- Green mobility
- Future technologies
- Environmental studies
- Economic analysis

SERVICES PROVIDED

The study started with an analysis of the as is situation in terms of fleet usages, infrastructure, maps of the airport in order to have a view on the specific needs of the 3 airports.

The data collection was completed by workshops with stakeholders, fleet managers, vehicles users to have the most accurate information about the needs, the usages, the time of use, the specificity of the fleet.

A benchmarking of the greenest airport was made in order to identify all the possible optimization to decarbonize the fleet.

The second step was to do a segmentation of the fleet based on the identified usages, type of vehicles and to provide a screening of all the possible green technologies and vehicles that can replace the actual fleet to reach the objectives. An adequation analysis between the identified usages and the possible green technology was made.

Based on these results several scenarios were developed considering transition technology, costs, opportunities to mutualize the infrastructures with other users in the airport. The scenarios were assessed and we provide results in terms of:

- Number of vehicles per technology, sites, and renew dates
- GES emissions (CO2, NoX, PM)
- Costs (TCO analysis)
- Social impacts

PSA : les Citroën Jumpy et Peugeot Expert électriques attendus en 2020

Michaël TORREGROSSA / 15 Oct 2018 / 82 commentaires Utilitaires électriques

Interrogé par Les Echos, le groupe français a confirmé le lancement d'une vaste offensive électrique dans le domaine de l'utilitaire.

SEAT ARONA GNV

90 ch / g CO2/km

/ kg/100 km