

SMART BATTERY OPTIMIZATION VEHICLE with AI



SBOVA

Technology matured by **CONNECTUS**
FOURNISSEUR OFFICIEL D'INNOVATIONS

Smart Battery Optimization for electric Vehicles using AI
Device using Artificial Intelligence to optimize fleet management
of electrified mobile systems as:

Electric bus/car/bike - AGV/AMR - drone - forklifts

#Advanced artificial intelligence

#Heterogeneous new & second-life batteries

#Prolongation of battery lifespans

SBOVA technology is a complete solution that combines fleet management and battery charge management, using predictive models driven by Artificial Intelligence (AI).

- ☐ Optimising the use, safety and lifespan of batteries
- ☐ Planned and adapted smart charging
- ☐ Optimized and dynamic planning of industrial activities, guaranteeing efficient use of resources based on the characteristics of each battery and operational needs
- ☐ Facilitating the use of heterogeneous new and second-life batteries in electric vehicle fleets
- ☐ Predictive vehicle maintenance
- ☐ Reduce the total cost of ownership and energy consumption
- ☐ Reduce environmental impact
- ☐ Smooth technological integration via an intelligent interface

PI : Patent pending 2025

TRL : 2/3

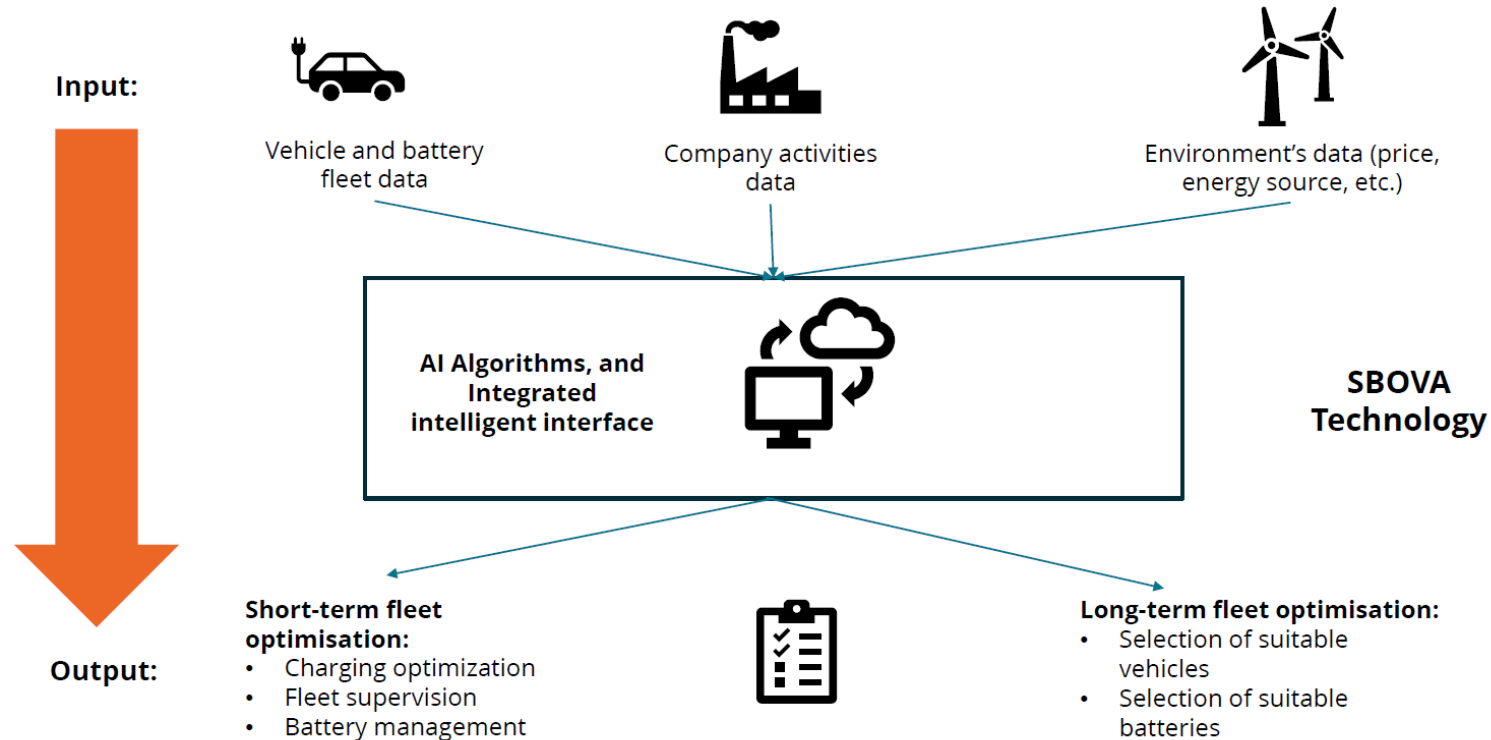
Partnership : Performing an advanced prototype in a representative environment [POC]

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