MobiSpaces

iRoute
Intelligent Public Transport Routing

AMT MOBILITÀ E INNOVAZIONE

emisia CONSCIOUS OF TRANSPORT'S IMPACT

ENGINEERING THE DIGITAL TRANSFORMATION COMPANY

Intelligent Transportation Systems (ITS) applications in public transportation allow for automated data collection, which is particularly useful for planning and operations, granting for better, more informed decisions, primarily in "real-time" operations.

The iRoute use case will exploit the e mobility-aware data governance framework leveraging the mobility analytics to drive strategic decisions and provide intelligent transportation services to the public.

Targeted Stakeholders

Citizens - End Users

Policy Makers

How will iRoute Use Case improve Public Transportation?

- 75% journey time and traffic time.
- 90% reduction of bus waiting for end-users/Bus punctuality.
- 95% accessibility of real-time information for passengers.
- 85% optimization of maintenance/repairing services.
- 70% economic efficiency of all routes.

Expected Outcomes

- Better performance in scheduling e-bus timesheets.
- Optimization of e-bus monitoring and prevention of low batteries problems.
- Optimization of maintenance/repairing services & reduction of malfunctions.
- Reduction of bus waiting for end users - Bus punctuality.

Quote from the Use Case representative

Enrico Buzzo

AMT - Responsible of the function "Technology Innovation in Local Public Transport

Predictive maintenance and electric fleet management are new challenges for public transport. Through MobiSpaces we will face them, offering a new travel experience for our customers.

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