

PROJECT OVERVIEW - AND OPERATIONAL DATA



Operations data summary and technical project description of the 4 AVENUE pilot sites. Project funded by Horizon 2020 with the aim of testing and developing autonomous technologies towards a full scale implementation in public shared transport. The four pilot sites are Lyon, Luxembourg, Geneva & Copenhagen.

AVENUE SITE INFORMATION



Meyrin, Genève



Active: **Jul 2018 - Feb 2020**
Route length: **2.1 km**
Vehicles: **1**
Driving mode: **Metro**
Stops: **4**
Operational hours: **Mon-Fri 6:30-8:30 / 16:00-18:15**



Belle-idée, Genève



Active: **Jul 2020 - Today**
Route length: **9 km**
Vehicles: **3**
Driving mode: **On demand/Door-to-door**
Stops: **70 virtual stops**
Operational hours: **Mon-Sun 8:00-22:00**



OPERATIONAL DATA



DRIVEN KMs

4.125 Km



PASSENGERS

1.787



SERVICE MODE

METRO



DRIVEN KMs

5.700 Km



PASSENGERS

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SERVICE MODE

Door-to-door/On demand

SITE LEARNINGS & ACHIEVEMENTS

- Seamless urban operation
- Operation in busy public roads with many obstacles and high traffic
- On demand/Door-to-door services implementation
- Dynamic routing implementation
- Integration within the existing public transport system
- First Swiss AM vehicle homologation
- Contributed to the Swiss autonomous driving legislation evolution
- Regular customers' base transport
- Helped many mobility impaired persons within the whole Belle-idée domain
- Testing: long term operation with a very high level of safety and reliability
- Participated in the improvement of the obstacle and vegetation detection

TOTAL 9.825 Km 1.787

KEY HIGHLIGHTS

- Public road, operation on complex itineraries
- Integration within the public transport system
- Real-life regular customers operation
- First On demand / Door-to-door services
- Itineraries dynamic routing
- Autonomous driving legislation evolution contribution

