PROJECT OVERVIEW - AND OPERATIONAL DATA



AVENUE SITE INFORMATION

AVENUE

Pfaffental, Luxembourg



Active: Aug 2018 - Jan 2020 Route length: 1.2 km Vehicles: 1 Driving mode: Metro Stops: 3

Operational hours: Tue/Thu: 12-16 & Sat/Sun/holidays: 16h45-20



Contern, Luxembourg



Active: Aug '19 - Dec '20 & Apr '22 - Dez '22 Route length: 2.3 km Vehicles: 1 Driving mode: Metro Stops: 2

Operational hours: Mon-Fri 07h20 - 09h10 & 15h50 - 18h35



Esch, Luxembourg



Active: Aug 2021 - Dec 2022 Route length: 1,2 km Vehicles: 1 Driving mode: Metro & On-demand Stops: 6 + 4 virtual stops Operational hours: Mon-Sat 11-21 Order: Via App or Call



OPERATIONAL DATA







METRO

9.000

25.060





METRO

3.700

800





9.800

4.000



METRO & ON-DEMAND

SITE LEARNINGS & ACHIEVEMENTS

- · Driving in touristic site, industrial zone and in the pedestrian zone
- · Each location has its own kind of obstacles: such as tourists, heavy trucks or bicycles
- · First Luxembourgish approval for public roads
- $\cdot\,$ One year of homologation and for the first approval could be cut in half for new projects with the potencial to reduce it even further
- · 4 years of driving with some difficulty restarting after severe COVID restrictions has resulted in many learnings and recommendations for all steakholders
- As long as a safety operator is required to be on board, the costs might be too high for some customers/operators
- · In crowded areas the shuttle is well used but for the last mile it depends heavily on existing connections
- · On-demand, fully integrated with ioki and their mission management system in Esch · A high degree of utilization can lead to an increase in service times if everyone involved is convinced of the shuttle as more than just another mobility option

TOTAL



(2) 16.700 KM



KEY HIGHLIGHTS

- · First Luxembourgish approval
- · Two sites are going to continue the service in 2023 and the other one needs to find just some partners to share the costs
- · A test field is needed for journeys without a safety operator on board



