

## Overview of concluded intelligent Mobility pilot trials in Switzerland

*Status: 3 February 2023*

Organisation	Location	Vehicle type	Duration	Comments
Swisscom AG	Zurich	Passenger car	24.04.2015 to 31.12.2015	Effective duration of trial, approx. 14 days.
Post AG	BE/SO	Delivery robot	17.08.2016 to 31.12.2016	First delivery robots in Switzerland.
Post AG	Switzerland	Delivery robot	12.05.2017 to 31.12.2018	Permit for delivery robot trials throughout Switzerland.
PostAuto AG	Sion	Shuttle bus	20.06.2016 to 31.12.2017	Sion 1.0: two shuttle buses on public roads in the city of Sion.
Verkehrsbetriebe Schaffhausen (VBSH)	Neuhausen am Rheinfall	Shuttle bus	02.02.2018 to 31.01.2020	Two shuttle buses on public roads in Neuhausen am Rheinfall. From February 2019, with a shuttle bus on a stretch with a gradient of 15% and bi-directional driving.
Swiss Federal Railways (SBB)	Zug	Shuttle bus	14.12.2018 to 31.12.2019	One shuttle bus on public roads in the city of Zug / mostly within the 50 km/h zone.
transports publics fribourgeois (tpf)	Marly	Shuttle bus	21.09.2017 to 31.03.2020	Two shuttle buses on public roads in Fribourg-Marly.
PostAuto AG	Sion	Shuttle bus	03.10.2017 to 31.12.2020	Sion 2.0: two shuttle buses on public roads in Sion. Connection to Sion railway station.
transports publics genevois (tpg)	Meyrin	Shuttle bus	01.06.2018 to 31.01.2021	Two shuttle buses on public roads in Geneva-Meyrin.
BERNMOBIL	Bern	Shuttle bus	19.06.2019 to 31.12.2021	Two shuttle buses in on-demand service on public roads in Bern / shuttle bus on a stretch with an incline of 15% and cobblestones.
PostAuto AG	Sion-Uvrier	Shuttle bus	15.01.2021 to 29.10.2021	Two shuttle buses in on-demand service on public roads in peri-urban residential district of Uvrier (Sion) / connection between housing estate – railway station – school – seminar hotel – shopping centre
transports publics fribourgeois (tpf)	Marly	Shuttle bus	24.04.2020 to 31.12.2021	Marly 2.0: Two shuttle buses on public roads in Fribourg-Marly. Higher frequencies during peak periods / supplemented with simulations / analysis of parallelism with automated trains.
PostAuto AG	Saas Fee	Luggage robot	01.12.2021 to 31.10.2022	Luggage robot transporting tourists' luggage (max. 100kg) between bus station and hotels in 'follow-me' mode. Driving on public, traffic-calmed street (only e-vehicles allowed, max. 20 km/h). In phase 1 physically accompanied by a safety attendant, phase 2 includes return trip with teleoperation, phase 3 has an automated return trip with telesupervision.

## Overview of ongoing intelligent Mobility pilot trials in Switzerland

*Status: 3 February 2023*

Organisation	Location	Vehicle type	Duration	Comments
transports publics genevois (tpg)	Thônex	Shuttle bus	3.06.2020 to 31.05.2023	Three shuttle buses in on-demand service on semi-public roads within the grounds of a hospital / no fixed timetable, choice of route according to users' transport needs / no designated bus stops.
LOXO AG	Ebikon	Delivery vehicle	21.12.2022 to 31.12.2024	The LOXO ALPHA delivery vehicle (produced in CH) transports goods from the supplier to the customer (hub-to-hub). Operates on public, traffic-calmed road (max. 50km/h) / In phase 1, the vehicle is to be steered remotely and accompanied by safety escorts. In phase 2, the safety escort will be dispensed with and the vehicle will drive the first sections of the route automatically and be monitored remotely. In phase 3, the vehicle will drive the entire route automatically with remote monitoring / The vehicle is approved for Vmax 30km/h.
Swiss Transit Lab (STL) Schaffhausen	Schaffhausen	Dual-mode bus	03.02.2023 to 28.02.2025	An EU-approved Toyota Proace Electric bus (class M1) converted to dual-mode capability transports passengers on a public transport route on a public road (max. 50km/h) / The vehicle drives automatically (max. 30km/h), the safety driver can intervene at any time. The vehicle can also be driven and used conventionally / The pilot scheme is approved for 7/24/365. There are no restrictions, e.g. due to snowfall or heavy rain.