

«SmartShuttle Sion»

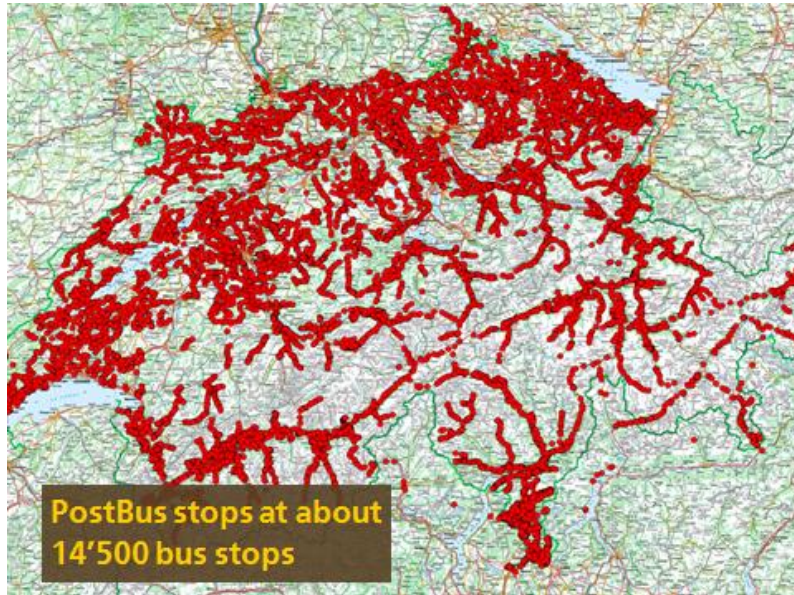
Martina Müggler, 29. February 2016



The yellow class.

PostBus 

Some key facts on PostBus' public transport services in Switzerland.



The world is changing and so is mobility.



Growth



Cost pressure



New entrants



New technology



Customer needs



Inefficiency

PostBus' business activity abroad and along the mobility chain.

CarPostal France SARL - a focused transport provider



PostAuto Liechtenstein Anstalt 2013

- 5 m passengers travelled 2.8 m km
- 13 routes totalling 105 km in length
- 39 vehicles



Ride Sharing - PubliRide



Bike Sharing - PubliBike

- 177'687 trips in 2014
- 121 bike stations
- 1'100 bikes and e-bikes



System services

- Passenger counting
- Operational support
- Passenger information system
- Ticket control
- Money collection
- Vending solutions

Media presentation of SmartShuttle Sion, 17.12.2015



«Yellow moves». The autonomous shuttles attract big attention – nationally and internationally.

Das erste Postauto ohne Chauffeur

ELEKTRO → Die schnuckeligen Büssli haben weder Lenkrad noch Brems- und Gaspedale. Und sie werden schon 2016 durch Sitten fahren.

Thomas Benkö @TheBenkoe
können Sie sich vorstellen, wie sie aussehen werden? Sie werden schon 2016 durch Sitten fahren. Sie werden schon 2016 durch Sitten fahren.

AUTO WORLD NEWS

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VORWERK SIE WERDEN SEINE SORGFALT LIEBEN
kobold DER NEUE KOBOLD VR200 SAUGROBOTER.

FIRST AUTONOMOUS BUSES TO HIT PUBLIC ROADS IN SWITZERLAND NEXT YEAR

Nov 11, 2015 10:52 AM EST | [Sanga Kishore](#)

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Autonomous buses, driverless buses, Switzerland, Anne Koyama, French-speaking city Sion, Swiss Federal Institute of Technology in Lausanne (EPFL), Ecole polytechnique Fédérale de Lausanne, CarPostal, Postibus, BestMile



瑞士明年将推出无人驾驶巴士

腾讯科技 2015年11月08日 20:12

[摘要] 瑞士创业公司BestMile试图将无人驾驶技术运用到公共交通中。



腾讯科技讯 11月8日，据科技新闻网站DigitalTrends报道，瑞士将率先于2016年春季推出无人驾驶巴士，并进行为期两年的测试。

近年来，谷歌(微博)等高科技公司已经进行了无人驾驶汽车测试。瑞士创业公司BestMile试图将无人驾驶技术运用到公共交通中。BestMile开发了一个控制自动驾驶车队的系统，该公司将这个系统比作一个机场控制塔。

BestMile最近获得了第一份合同，合作对象是瑞士最大的运营商Ducibus / 在瑞士运营

Handelszeitung

UNTERNEHMEN MANAGEMENT INVEST KONJUNKTUR POLITIK Valais Mise à jour le 05 novembre 2015



Les premières navettes CarPostal sans chauffeur seront testées à Sion



Switzerland's New Self-Driving Buses Will Probably Run Like Clockwork

Driverless public transportation may lift off well before private cars.

Im fahrende Autos, nun wird die Stadt Sion to Schweiz macht die gelbe Berggeiss zum den Shuttle-Bus.

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Driverless automatic buses to soon operate in Switzerland

PTI, Geneva | Updated: Nov 08, 2015 14:24 IST



Autonomous buses will make their debut next year in one canton, before being phased in across the country. Source: BestMile

14 Share 10 G+ Share In Share

First, electric-powered driverless public transport buses will soon be operating in Switzerland which will be able to ferry nine passengers at a time.

Autonomous buses will launch in the canton of Valais, thanks to a collaboration between PostBus and a Swiss startup founded by graduates from the Swiss Federal Institute of Technology (EPFL) in Lausanne.

INSOLITE L'arrivée des navettes sans chauffeur affole les médias du monde entier.

Nos «Büssli» font le buzz

"Bis heute stachen die USA und Schweden als Early Adopters von Technologie für autonome Fahrzeuge hervor", meint 'Mashable'. Jetzt kommt die Schweiz dazu, so das Kredo der Berichterstatter. (mik)

«SmartShuttle Sion» – The first test of autonomous minibuses in the public space in Switzerland



x 2

- Two autonomous vehicles with electric drive



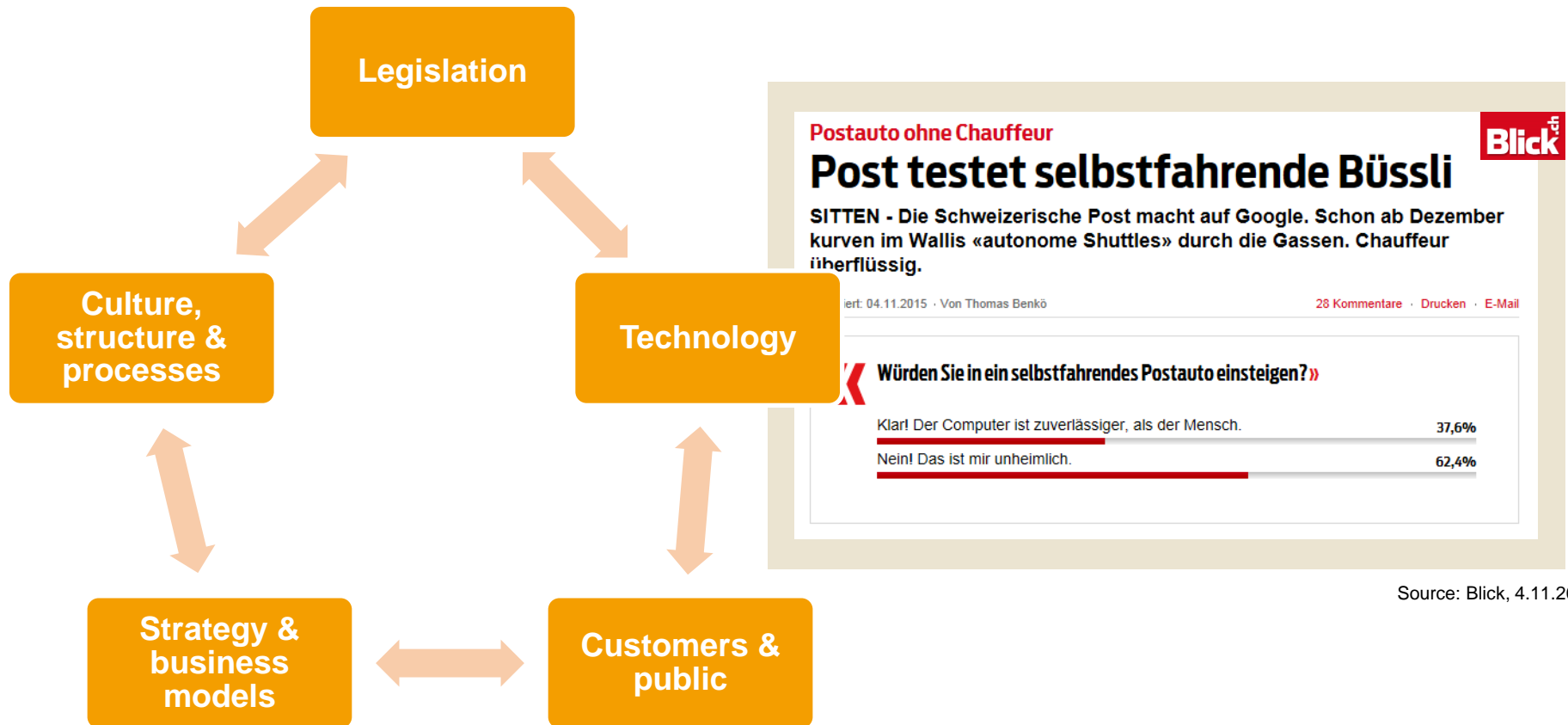
09/2015
– 12/2017

- **Experiment with practise test** (*depending on approvals*)
 - Phase I: Test ground
 - Phase II: Public space / Encounter zone Sion (20km/h speed limit)
 - Phase III: Expansion (to be defined)



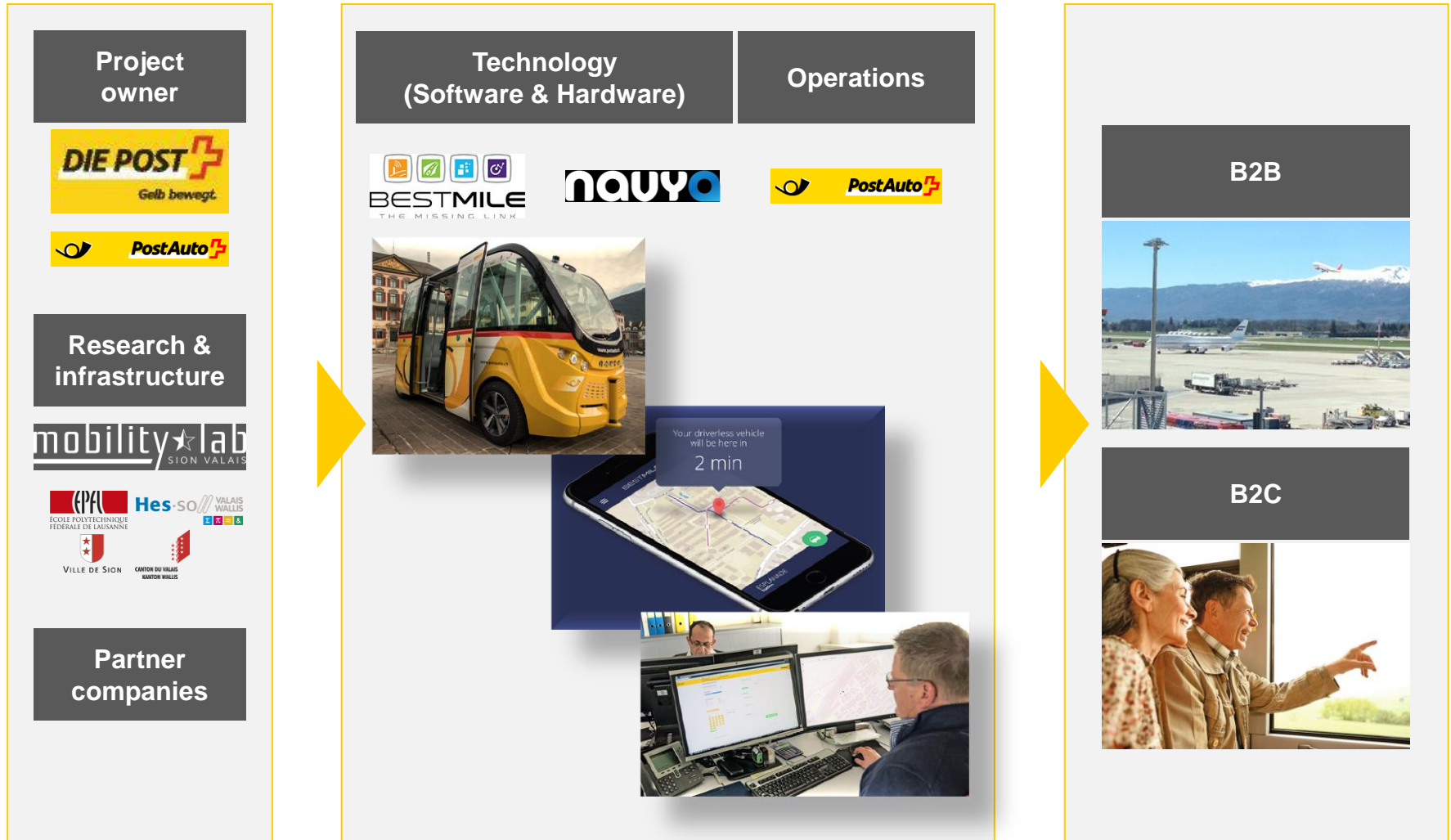
- **Test freely accessible for the public**
(from phase II)
- **On-demand function via app**

Active change management is one of the key success factors of the project.

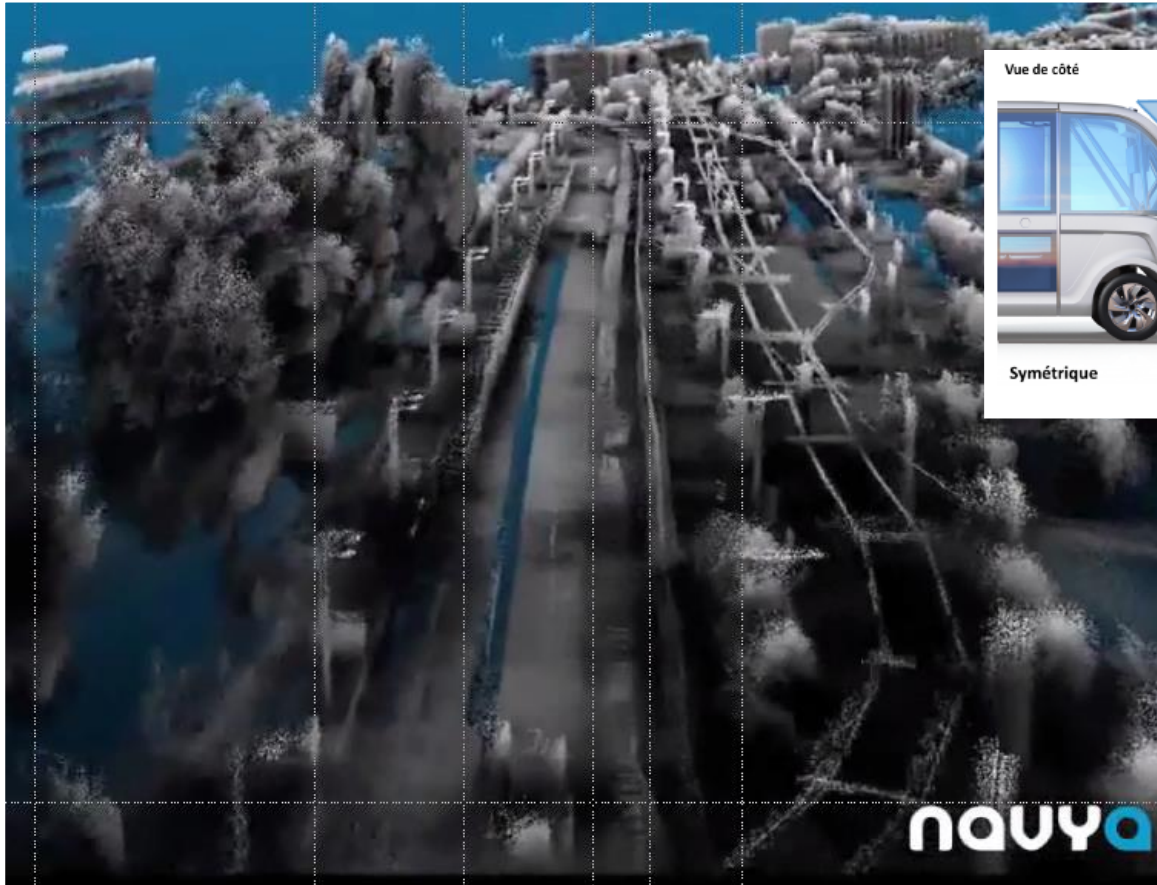


Source: Blick, 4.11.2015

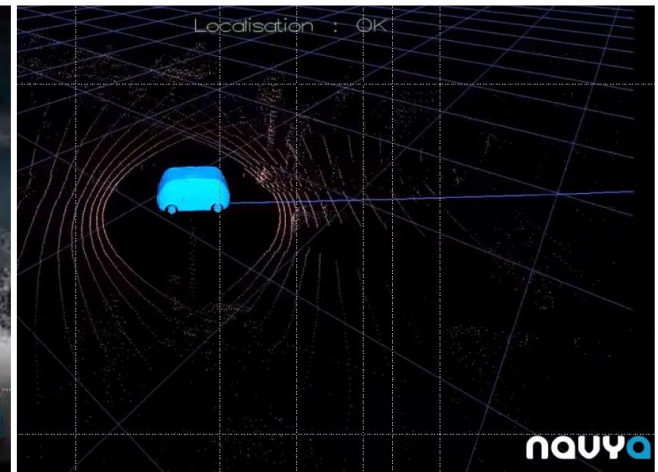
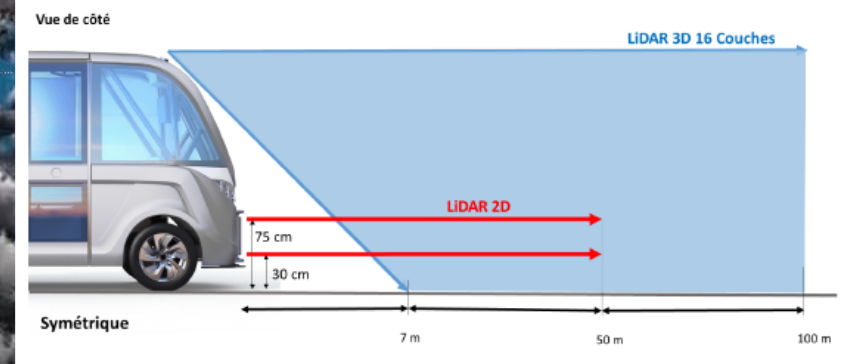
A lot of private and public partners are actively involved in the project.



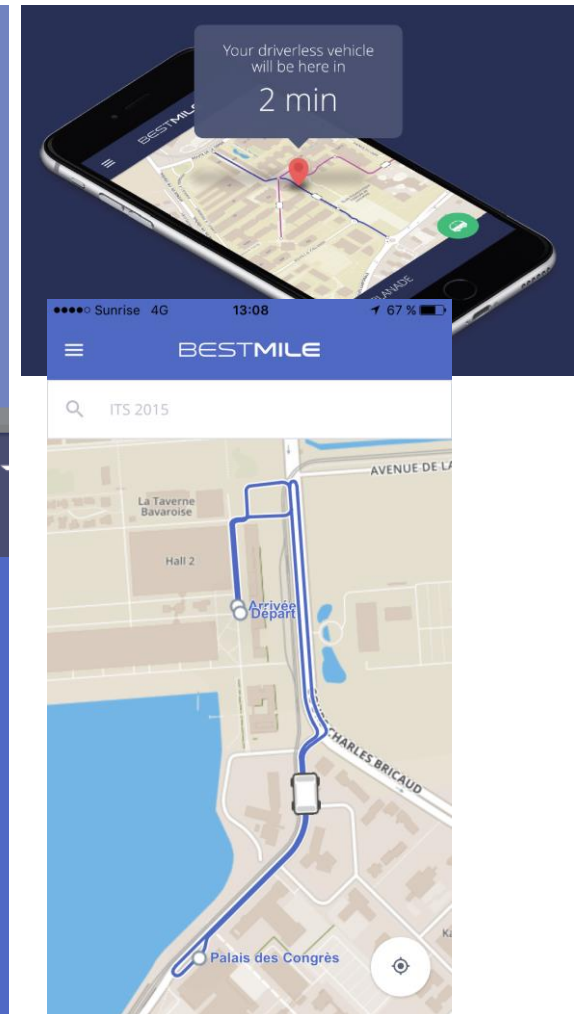
«3D-Cards» on the vehicles and «invisible rails» are the basis for driving autonomously.



Champ de perception des Lidars



A fleet management software («control tower») allows communication between the vehicles.



Different areas of application will be tested by PostBus and Swiss Post.

