Enabling Smart Mobility.

Fluidtime
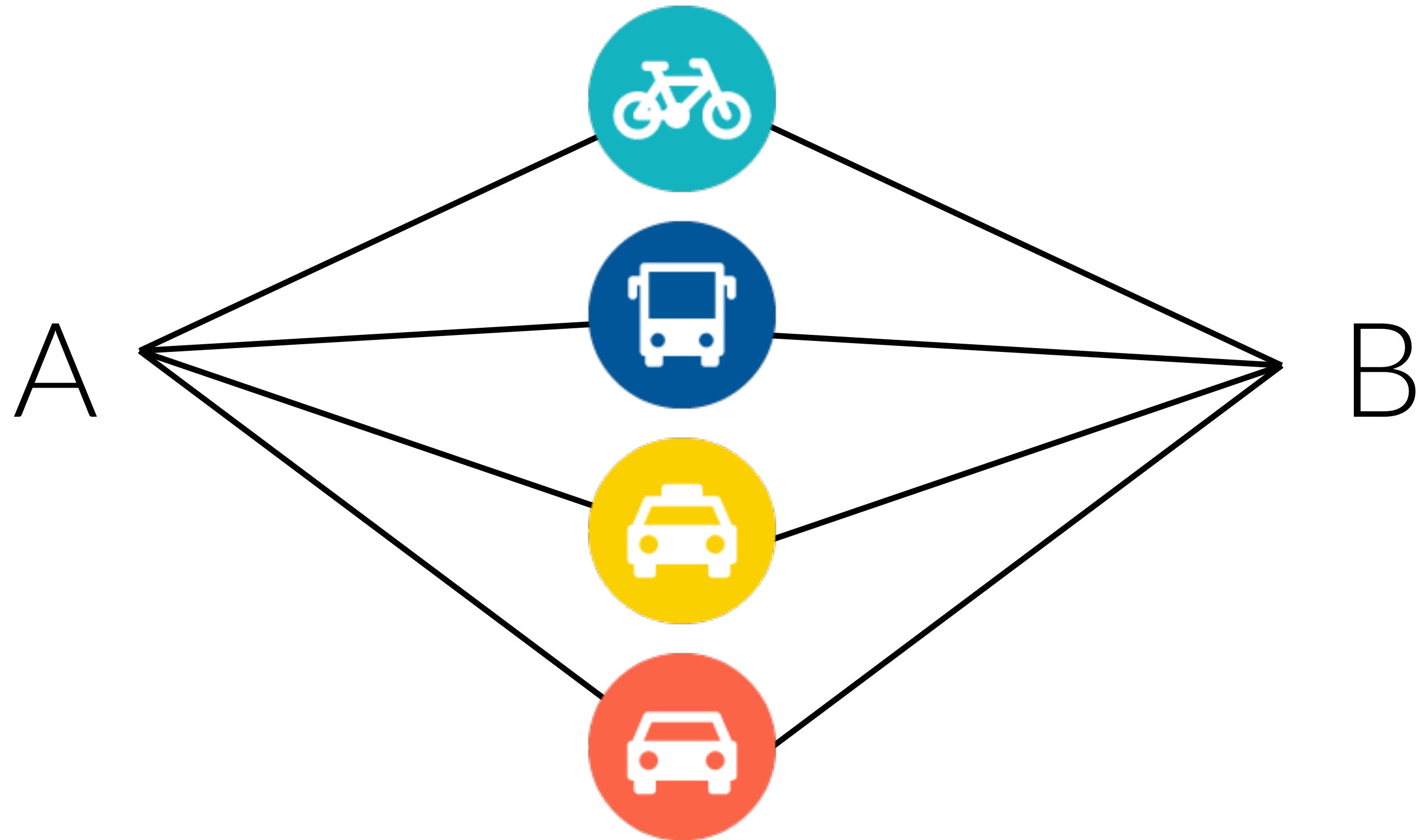
Enabling Smart Mobility.

Fluidtime

5 - FluidHub - Integrated Mobility in Urban Areas of the Danube Region

12-13.December.2016 - Bratislava - Roman Pickl
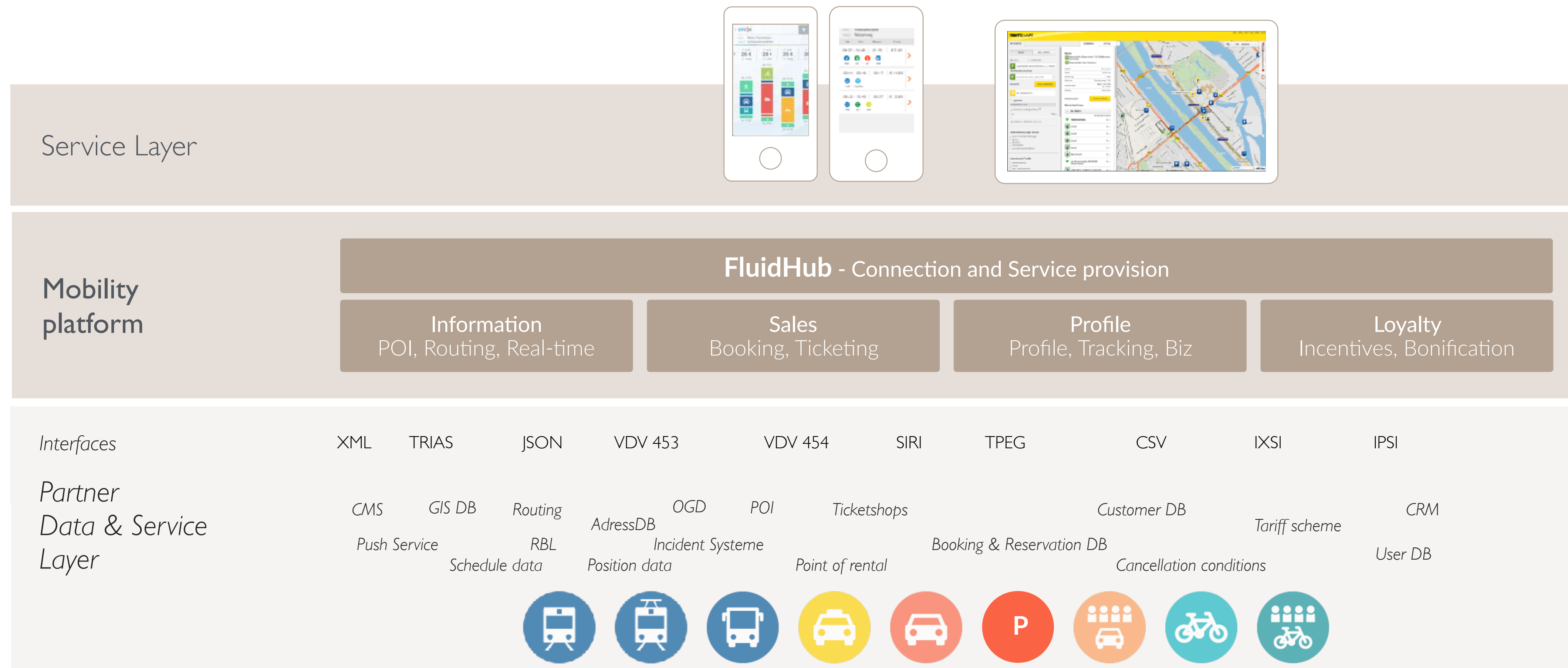
A few years ago going (or not going) from A to B was „easy"

A

B

Fluidtime

Today, there are **plenty of options** and it is more **complicated** to choose the perfect combination, tickets etc.

Fluidtime

FluidHub is the key solution for connection todays various mobility offerings in a Mobility as a Service (MaaS) fashion, i.e. a mobility market place

Service Layer

Mobility platform

FluidHub - Connection and Service provision			
Information POI, Routing, Real-time	**Sales** Booking, Ticketing	**Profile** Profile, Tracking, Biz	**Loyalty** Incentives, Bonification

Interfaces

XML	TRIAS	JSON	VDV 453	VDV 454	SIRI	TPEG	CSV	IXSI	IPSI

Partner Data & Service Layer

CMS GIS DB *Routing* OGD POI Ticketshops Customer DB CRM

AdressDB Tariff scheme

Push Service RBL Incident Systeme Booking & Reservation DB User DB

Schedule data Position data Point of rental Cancellation conditions

Data / APIs used

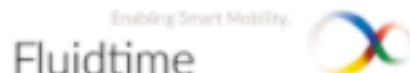APIs of Mobility Providers (more and more also available as Open Data)

- Carsharing (e.g. car2go)
- Bikesharing (e.g jcdecaux, nextbike, citybike vienna)
- Ridesharing and Taxi Companies (e.g. uber)
- …

Open Data / APIs (static and real-time):

- Public Transport Data (GTFS, only partially available)
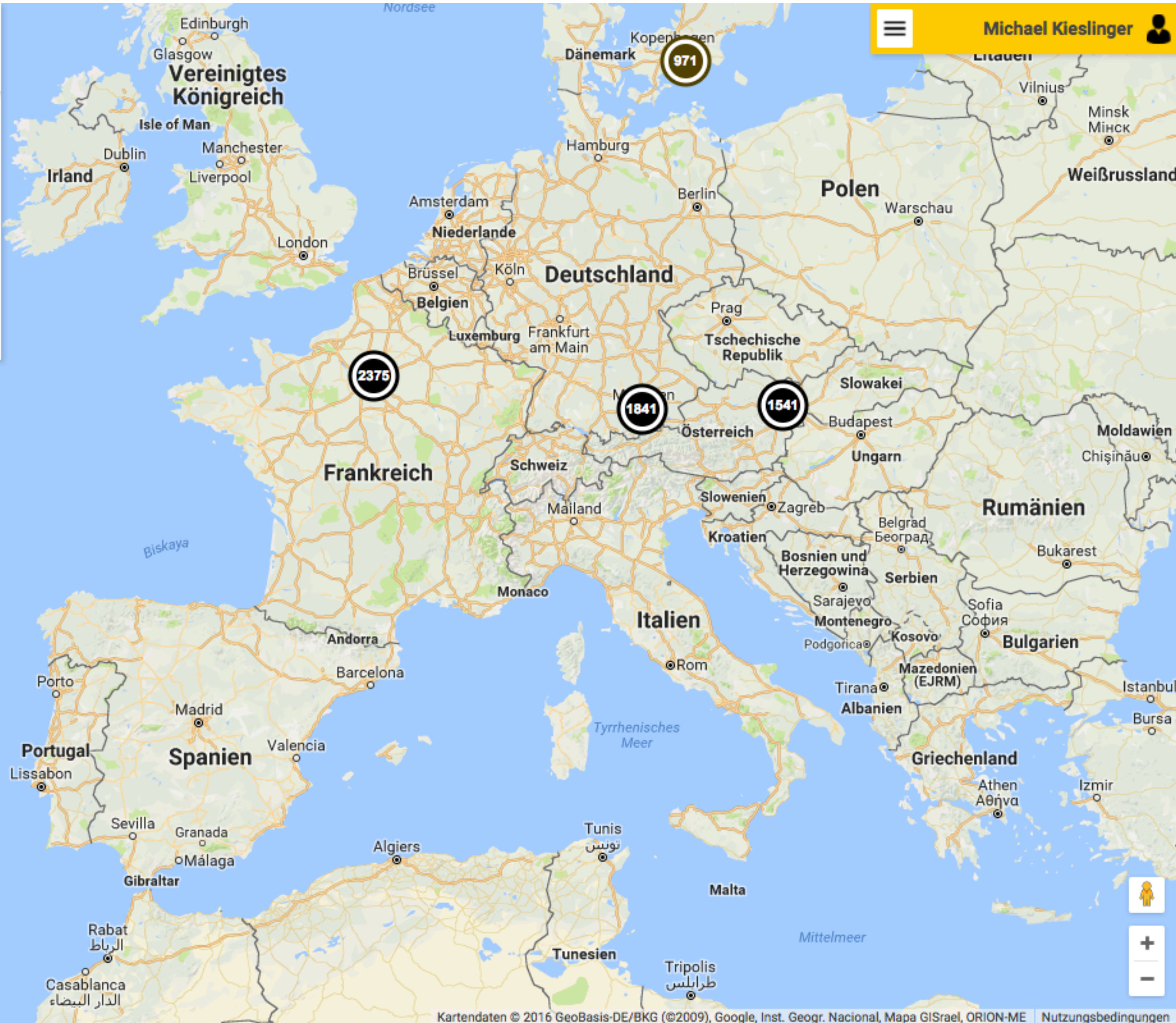- Taxi Ranks
- Parking
- …

Commercial APIs

- Routing (e.g. Google, but also Here, Services by Municipalities possible)
- Payment Service Providers
- …

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              Fluidtime

☰   **Michael Kieslinger** 👤

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🔍 **Suche**

9 Routen gefunden

Car	22 Min	
	6.5 km	
DriveNow	23 Min	
	6.2 km	2.01 EUR
Taxi	23 Min	
	6.4 km	39.68 EUR
Car2Go	26 Min	
	6.7 km	5.89 EUR
Bike	26 Min	
	7.6 km	
Zipcar	33 Min	
	10.7 km	11.71 EUR
Citybike	34 Min	
	7.9 km	16.8 EUR

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What worked

Added three more cities to the product demonstration

Discovered a number of interesting sources (e.g. jcdecaux API)

Had a lot of fun

Main Issues

Availability of open data / APIs in the mobility domain (especially public transport schedules and bike routing)

Discoverability of data sets

Language of Open Data Catalogs (e.g. english site available, but no english description)

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Now I know!

A — B

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