



Kanton Basel-Stadt

City logistics concept Basel

with focus on green urban freight transport

City of Basel, Switzerland

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Mobility section



Agenda

- initial situation
- urban freight transport concept as a strategic basis
- project status today september 2021
- outlook/ summary

Facts & Figures - City of Basel

Basel in general

- The city of Basel, located in the heart of the **tri-border region** is one of the most **dynamic economic regions** of Switzerland. Basel traditionally has a large **pharmaceutical industry**.
- Basel is the third largest city in Switzerland with **around 180,000 inhabitants**
- With an area of 22.75 square kilometers, Basel is populated very densely (up to 25'000 inhabitants per square kilometers around the city center)

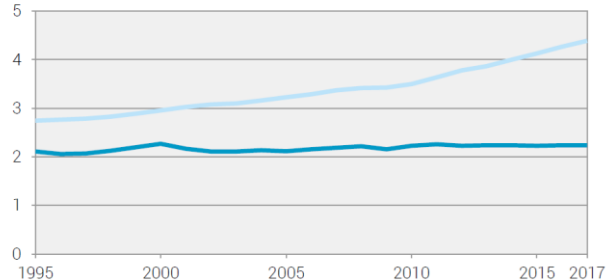


Consideration of logistics trends

- Freight transport is increasing also in the densely populated living areas of Basel, not only in the industrial areas (main driver: e-commerce)
- Mainly traffic with small trucks is increasing rapidly in Switzerland

Fahrleistungen im Strassengüterverkehr
nach leichten und schweren Fahrzeugen G 6.4

Milliarden Fahrzeugkilometer



— leichte Güterfahrzeuge (bis 3,5 Tonnen)
— schwere Güterfahrzeuge (über 3,5 Tonnen)



[Bundesamt für Statistik
(BFS – Mobilität und Verkehr 2018)]



Current city logistics projects in Basel (based on our local city-logistics concept)

city-hub for freight



low-emission vehicles



Round table
«city logistics»

Logistikcluster
Region Basel
by chamber of commerce Basel

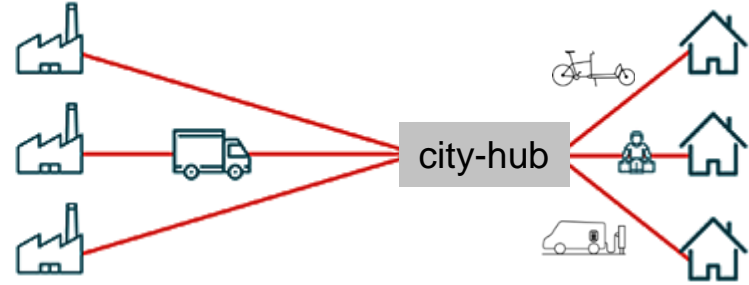
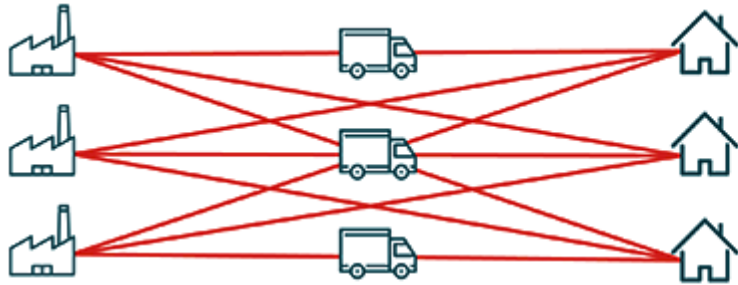
smart Box Basel



railway sidings

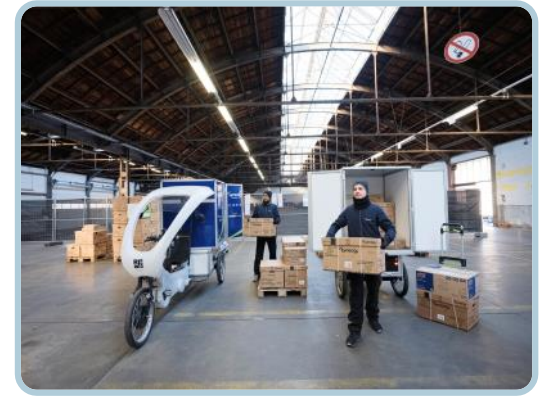


Freigeht city-hub functionality



[Source: <https://raumdigital.hsr.ch/de/micro-hubs-infrastruktur-der-letzten-meile>]

Freight city-hub functionality: contribution of the city administration



1. Bilateral talks and targeted surveys of logistics service providers (bottleneck: Infrastructure)
2. Identification of suitable infrastructure for transshipments (private and public)
3. Organisation of "round tables" with landlords and interested logistics DL
4. Contract conclusion between service providers and landlords. No public participation
5. Go-Live of the cityhub in 2018 together with the swiss federal railways (SBB) as landlord

Low-emission vehicles: «Work by Bike»

- ❖ Easy access to cargo bikes for local companies
- ❖ Increase visibility of companies using cargo bikes in the city for daily business
- ✓ Purchasing of customized cargo bike for nominated companies
- ✓ One year free cargo bike test for the companies
- ✓ Resale of the bikes to the companies after one year (Resales rate about 80%)



Realisation of first «white label» pick up stations in Basel

Standorte

Die anbieterneutrale Paketanlage wird derzeit als Pilotprojekt am Claraplatz getestet. Ein zweiter Standort im St. Johann ist bald verfügbar. Weitere Standorte folgen.



Claraplatz

📍 Adresse
Claraplatz 7a
4058 Basel



St. Johann

📍 Adresse
Vogesenstrasse 143A
4056 Basel

Project goals:

- reduction of delivery traffic
 - bundling-effects ↑
 - misdeliveries ↓
- reducing the time spent by delivery vehicles in urban areas
- efficient unloading options for logistics companies
- reduction of conflict potential (e.g. bike lanes, sidewalks)
- acceptance of the new infrastructure?

The future of railway sidings (freight rail connections)

Freight railway sidings are under massive pressure in growing cities

Urban development mainly focuses on creation of new living space and offices

Need for trade off between city development and future sustainable mobility

Example of Basel “Dreispietz”-Area:



Outlook

- Testing **scalability** of different pilots projects (interaction with new regulations?)
- **Integrate green urban freight transport** subjects stronger into urban development projects
- Basel ***regional logistics concept*** coming up; including also **long term trends** and developments in freight traffic into mobility strategies
- Studies focussing on: **how to measure freight** traffic and logistics concept
- Implementing **network** city logistics between (swiss/european) cities

Take away messages

- The city of Basel has developed a freight transport concept with the aim of making the city's supply more efficient. Individual measures are being implemented in various projects. (Always in cooperation with the freight transport industry)
- The city administration coordinates and implements the framework for efficient freight transport, for example by:
 - Considering green urban freight forwarding subjects in mobility and city development strategy
 - Long-term protection of logistics areas (e.g. railway sidings or city-hubs)
 - Mediation of freight handling areas and infrastructure
 - Financial support for green urban delivery vehicles

Thank you for your attention

Questions?

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