

Mobility As A Service: Czech approach to MAAS



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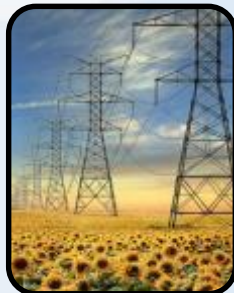
Content

- General Vision
- Public Transport and the Czech Republic
- MAAS in the Czech Republic
- Pilsen, the city of mobility
- Invitation to international Public Transport Congress 2017

The Vision



We aim to contribute to better and safer lives and also to cleaner environment. Let's tune the mobility to serve the vision

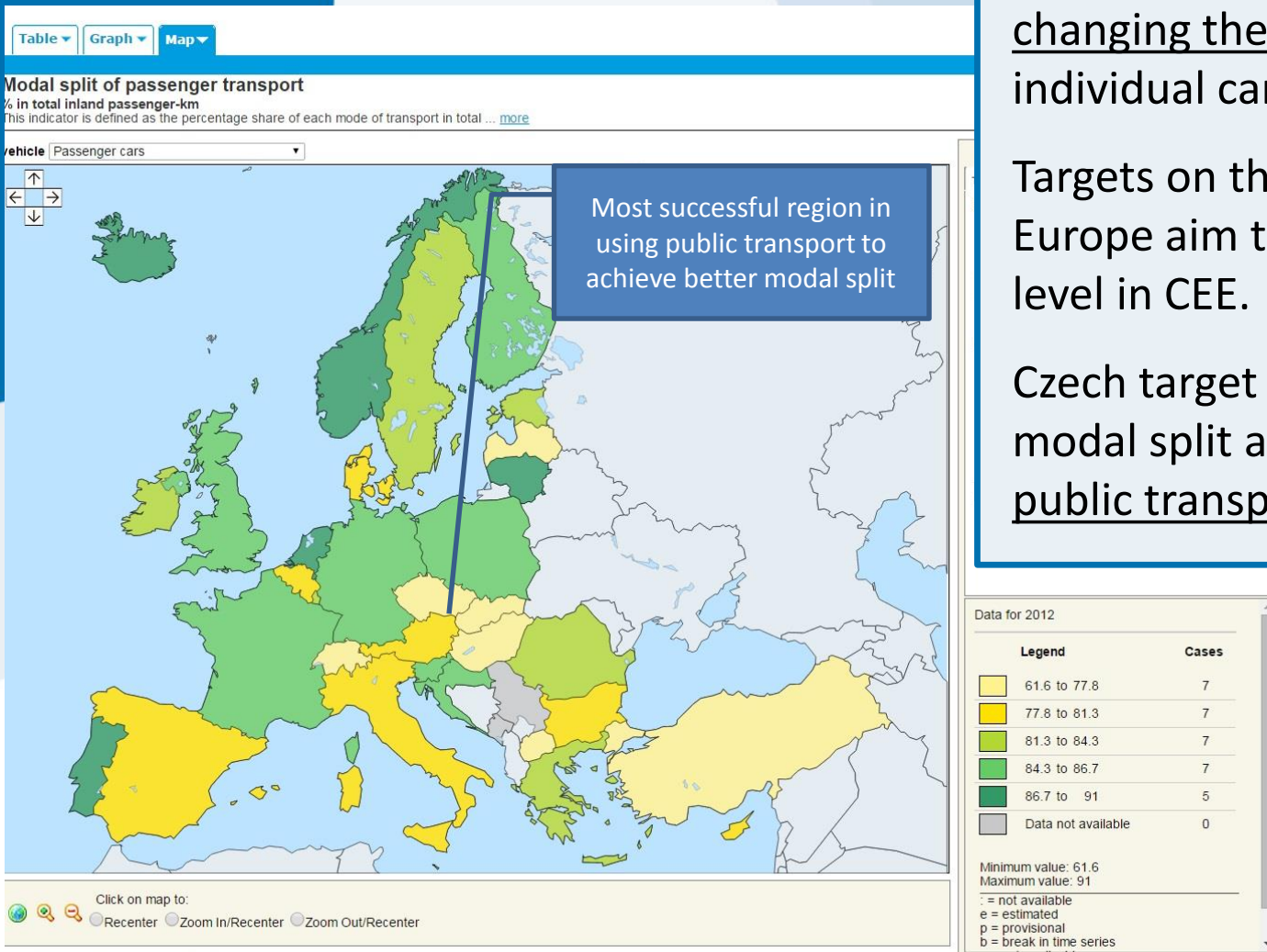


Unique position of public transport in Central Europe

The goals of EU strategies also include changing the modal split between individual car and public transport.

Targets on the West and Nord of Europe aim to reach the modal split level in CEE.

Czech target is to keep high level of modal split and protect integrity of public transport.



Public Transport and the Czech Republic

- Good preconditions for sustainable development of public transport
- Very dense road and railway network (density of railway network 0.12 km of lines per sq. km > comparable with Belgium and Germany)
- Significant progress in the use of information systems in management and organization of Public Transport
- Legislative framework for stable operation

CZ Act No. 111/1994, road transport

CZ Act No. 266/1994, railways

CZ Act No. 194/2010, public passenger transport services

CZ Decree No. 388/2000, timetables of public line passenger transport:

“the timetables collection and the timetables information providing are driven by a legal framework, National Timetable Information System”

Public

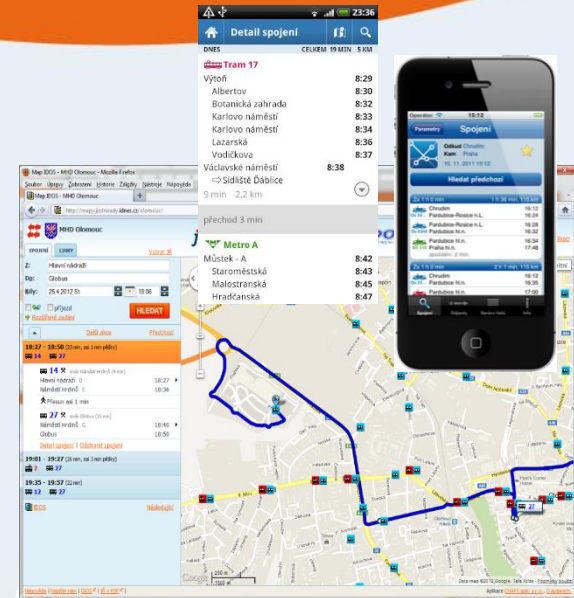
Passenger Transport Services

Application of CZ Act No. 194/2010

- Transport services every day of the week, mainly to schools and school facilities, public authorities, work etc.
- Objectives of public transport and the definition of public interest
- Precise definition of the responsibility of the State, regions and municipalities (including multilateral agreements)
- Preference of public transport
- Transportation planning including transport performance criteria and quality
- Operator selection and public transport contracting

Services, vehicles and telematics

- National Timetable Information System provides open free of charge data to Journey Planners. IDOS, the most visited nationwide MMJP covers all mass public transport in the Czech Republic.
- Cities and regional governments organize for Integrated Transport Systems using ITS in PT organization and fare management. 3 mil. of chipcards per 10mil. of habitants, EFM technology delivered by domestic industries, standardization in progress.
- PT vehicle production: two bus plants in Eastern Bohemia. Trolleybuses, trams and railway vehicles manufactured in Pilsen.



MAAS

in the Czech Republic

- MAAS means Mobility As A Service
- In the Czech language a “time table” means “jízdni řád”. But the exact translation of “jízdni řád” into English would be a „trip order“. It means a formal order of journeys that has been closed between an ordering party (typically public sector) and PT service operator
- Public Transport in the CZ is a mobility service regulated, organized and strongly co-financed by public sector with the aim to cope with the modal split and to achieve better safer life and cleaner environment
- Public Transport and Mass PT in Cities
= mobility service of a strategic national importance
= core of MAAS in the CZ

Thinking MAAS

“Thinking MAAS” means to look for interesting ideas and concepts around PT that contribute to effectiveness, attractiveness, multimodality of transportation system and to the door-to-door mobility



Pilsen, the mobility city

- Regional capital
- Population 171,000
- “Pilsner Urquell” lager + “ŠKODA” PT vehicles
- PT tradition since 1899
- 3 tractions (trams, buses, trolleybuses)
- Eco-friendly transport 60%, 86% low floor vehicles
- PT vehicles priority telematics
- On-line passengers information
- Multifunctional city chipcard, issued 390,000



Pilsen & MAAS

Possible brand of mobility development

- Sustainable Urban Mobility Plan
conducted in 2014 – 2016 as the main strategic city document. It supports decisions & proposes concrete measures of financial and non-financial characters. Pool of about 90 projects incl.
- Main directions of further mobility development:
 - Transport networks and services with scalable comfort
 - Calm transport (parking) organization and regulation
 - Public Transport preference and its innovative operations
 - Support of Walking and Cycling modes
 - ITS for easier choice and/or multimodality
- Some MAAS elements already included, more to be developed:
 - new structure of a Mobility Coordinator within the city
 - ITS as access tool for travelers & drives to mobility services
 - Integrated infosystem for all transportation modes
 - new citizens services available via the City Smartcard
 - extension of PT coverage by battery driven PT electrovehicles

„Smart & Healthy Transport in Cities“

The fourth conference, which will take place on 4 – 5 April 2017, will be devoted to the following topics:

- Mobility as a Service (MAAS)
- Sustainable Mobility
- Urbanism and Public Transportation

● <http://www.konference.pmdp.cz/>



Thank you!

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