data4pt

DATA4PT Workshop at UITP Summit

Ing. Zuzana Švédová Ph.D

> ## *14 Regions - 1 Data Collection System for Static Timetable Data CIS JŘ - 1 User Interface for Sending Data*

Krajské integrované dopravní systémy v roce 2020

Czech Republic Data System Overview

➢ *Under the auspices of the Czech Ministry of Transport The National Information System of Timetables (CIS JR) is operated. This information system contains data regarding transport connections.*

➢ *Timetables are submitted to CIS JR by*

  • *Transit authorities of regional/city councils (National Regular Public Transportation Authority),*

  • *Carriers (International Regular Public Transportation), railway operators (Public Railway Passenger Transportation on nationwide and regional railways)*

  • *Railway administrative authorities (Public Railway Passenger Transport for the tram, trolleybus, special and cable railways)*

Czech Republic Data System Overview

➢ *Data are transmitted in JDF format.*

- *An application called JDFkon is used to check data in JDF format for buses.*

- *Development activities are currently underway to convert this data into Czech NeTEX format.*

- *Data4PT Validation tool was used for testing with positive outcomes.*

➢ ***Current Conditions***

- ***The public transport providers primarily focus on providing data to the regions as they are the customers of their transport services.***

- ***The standards and quality of data may therefore differ from region to region.***

- ***The lack of dynamic and spatial data in some areas limits the potential development of the service for the end customer.***

- ***Currently, there is a need to develop an organization model for the new version of NAP MMTIS.***

Czech Republic Data System Overview

➢ ***<u>Future Plans</u>***

- ***Include the NAP for MMTIS in the NAP for other delegated acts.***

- ***Set up the organizational structure of the NAP (metadata catalog)***

- ***Finalize Technical Specifications of the requirements for the new CIS system, which will be the data source for the MMTIS***

- ***Continue discussions with data producers on the PTO side and debate how the entire data provision system will work and how important it is to incorporate the standardization process.***