Digital Transport Days

Towards Dynamic Multimodal Information Services

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Provision of static data

CEF (PSA) on MMTIS „PRIO Austria“ (01/2018 – 12/2021)

Active Stakeholder-Engagement

Activity 1

Extension of NAP

Activity 2

Compliance checks (NAP)

Activity 3

Deployment of NeTEx in Austria

Activity 4

National NeTEx Profil

Activity 5

Open Journey Planning API

Activity 6

Provision of static data

CEF (PSA) on MMTIS „PRIO A$_{ustria}$“ Learnings & Challenges

- Awareness building workshops with stakeholders AND **support of stakeholders through individual consultations is crucial**
- Provision of static data (service level 1) required a technical concept for the NETEX implementation in Austria – data will be available over NAP , **BUT**
- a lot of space for differing interpretations on national level, **European-wide harmonization of providing data/service in danger?**
- European Requirements for implementing technical specifications are officially not finalised **(NeTEx minimum profile) and not covering all service levels**
- Establishing a process for self declarations will be more complex than in other priority areas **(European common approach is desired)**

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Linking of Services – towards EU-wide MMTIS

INTERREG DTP Project „LinkingDanube“ (01/2017-06/2019)

- **Proof of concept of “linking of travel information services”** as outlined in Del. Reg. 2017/1926 (Article 7)
- Development of a **service architecture (for distributed transnational service)** and a pilot service in a semi-operative environment that fulfils the provisions of the Del. Reg. with **six existing services from six countries (AT, HU, SI, CZ, SK, RO)**
- Each journey planner implemented a **harmonised interface,** an Application Programming Interface (API) based on the CEN/TS 17118:2017 standard for “Open API for Distributed Journey Planning (OJP)“ (-> **common OJP Profile & Validation tool**)
- Travel information service provider give access to their data, but can also use the other systems data (peer-to-peer approach) -> **non-discriminatory architecture**

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Linking of Services – towards EU-wide MMTIS

INTERREG DTP Project „LinkingDanube“ (01/2017-06/2019)

proofs	demonstrates	implements	supplies
the technical feasibility of “linking of services“ in a distributed architecture	Seamless, cross-operator and cross-border/transnational journey planning (door-to-door) by using existing local services	a jointly, developed and harmonised (vendor-independent) OJP interface Implemented at 6 different local services (**common OJP Profile**)	A reference architecture of a „distributed journey planning system supported (**implementation support**)

LinkingDanube Video (online)

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Current Needs

for deployment of Del. Reg. 2017/1926 to be tackled on European Level

- Common **European Minimum Profiles** (NETEX –all service levels, SIRI, OJP)
- Common approach for **Self Declarations**
- Common **quality standards** for data on the NAPs (enabling a “trust seal”)
- Accessibility to transnational (long-distance) transport connections (railway database)
- **Awareness building** on decentralised, non-discriminatory architecture (neutral) for transnational MMTIS **based on OJP (-> trustful services!)**
- **Stakeholder Platform for OJP development** (beyond standardisation) for the alignment of parallel deployments with regard to EU-wide harmonisation
- Standardisation is a living process - **encourage MS to get involved**

More information

www.austriatech.at
https://linkingdanube.eu/
http://www.interreg-danube.eu/linking-danube

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