

Digitalisation in parking and impact on the Mobility Data Space and NAPS

I.Introduction about Parking and NAPCORE

08/11/2023 – Emmanuel de Verdalle | ITxPT



Parking topic in NAPCORE

- Multimodal data activity as part of Data Exchange Standards working group (WG4)
 - To contribute to the harmonization and alignment of standardization work in order to establish interoperability of EU multimodal data standards

4.2.1 TN-ITS

WG4

4.4.1 Metadata 4.3.1

NETEX

4.1.1

DATEXI

- To establish coordination between the different data standards approaches and define a common roadmap for data standardisation and publication
- Some already recognised interactions between different mobility modes include the data exchange standards for parking data

<u>Source</u> : Napcore Grant Agreement

Parking data as multimodal data

- Enable multimodal travel and modal shift
- Bridge parking data (car, bike...) and public transport
- Relate to datasets from other modes of transport
- Comply with MMTIS Delegation Regulation (EU) 2017/1926 delegated regulation ("Park & Ride stops, location and availability of parking places (car, bike, scooter), where and how to pay for parking, and information on parking tariffs")
- Include accessibility data to enhance travel experience (as part of the scope of revised MMTIS)



Parking related multimodal existing material

- A NeTEx (CEN/TS 16614) national parking profile (France) has been specified in 2021.
- It describes parkings and the way in which they can be structured for data exchanges between information systems and for passenger information
- It complies with MMTIS scope and data catagories

Profil d'échange pour la description des arrêts de transport en commun

NeTEx - Profil Français pour les Parkings





