Open Data Platform on mobility hubs

SmartHubs – MOVE21 joint symposium

29.03.2023, Bologna

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European Commission

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Smart Hubs Open Data Platform (ODP)

The ODP is the **first cross-project open data platform for mobility hubs** learning cases!

This Semantic-media Wiki based platform allows to …

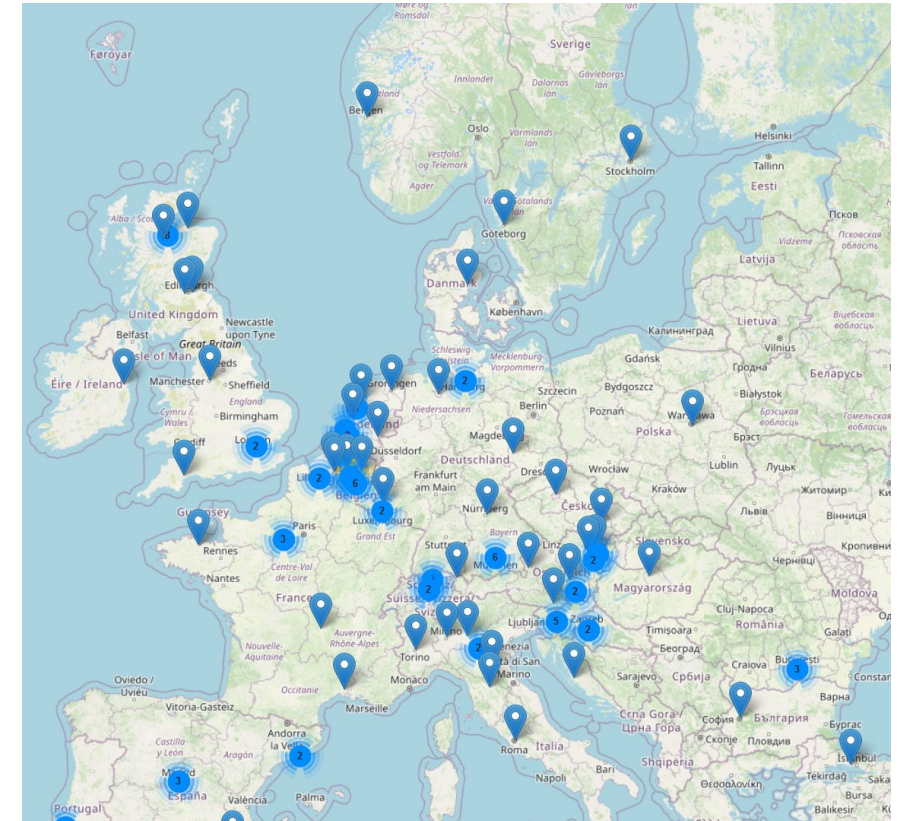… collect data on mobility hubs following a **standardized layout**

… **compare** similar hubs

… analyze **integration levels** connected to other characteristics

… generate cross-network **overview** in regions

… download **data** for further analyses for everyone

… **collectively edit and contribute!**

in the database: **148** Hubs (9 of which are Case Studies in the SmartHubs Project), **25** Mobility Hub Networks

Functionalities of the ODP

Discover   *Compare*   *Add hubs*   *Verify hubs*   *...*

Examples on the platform WienMobil Maria-Tusch-Straße

TYPOLOGY

urban neighbourhood hub - large

show comparable hubs

STATUS

ongoing

Launched in December 2021 with car, scooter & Moped-Sharing. Bikesharing will start early 2022

OPERATION START (YEAR)

2021

LOCATION

Vienna, Austria

Examples on the platform

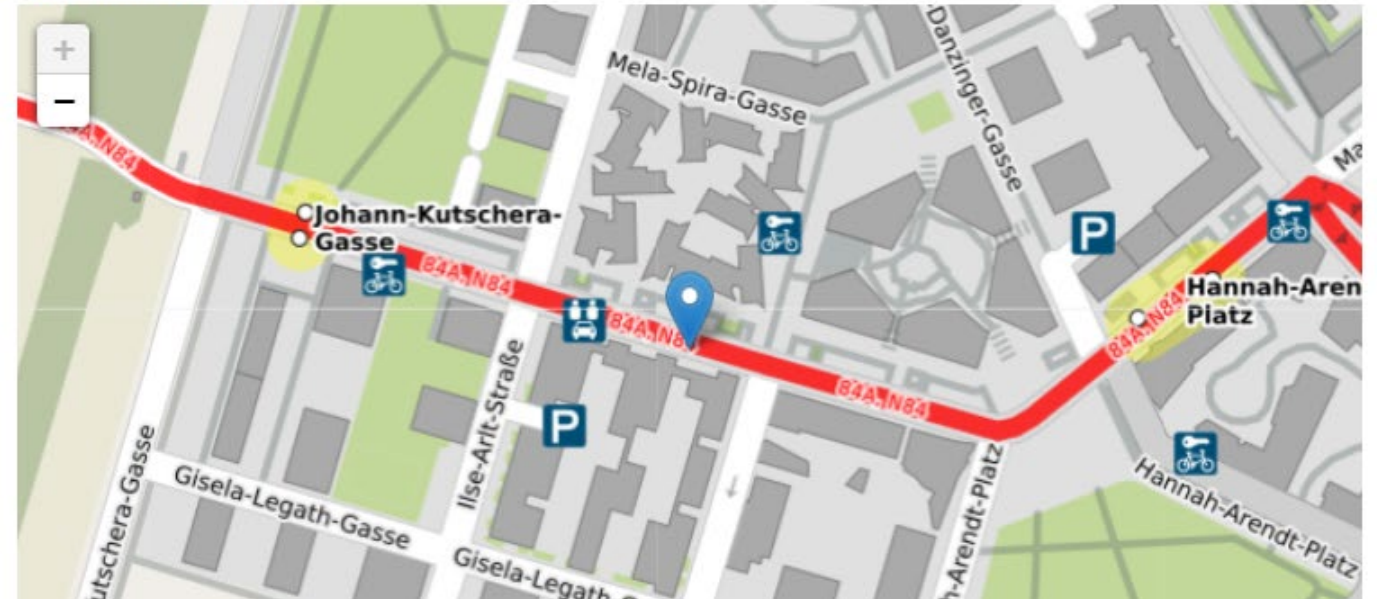| PHYSICAL INTEGRATION	**Level 2 (target: Level 3)** **Definition 2 (Wayfinding and universal design):** At least two shared transport modes in acceptable walking distance to public transport with wayfinding and information of using the service and at least two services (e.g., parcel locker, kiosk) in acceptable walking distance. Universal design principles are considered. The services are located on both street sides of a easy to cross street in Seestadt aspern. Public transport (bus) can be reached within 200m.
DIGITAL INTEGRATION	**Level 2 (target: Level 3)** **Definition 2 (Integration of booking and payment and universal design):** Easy access to services for end users – such as a mobility marketplace or a one-stop shop where the user can find, book, and pay with the same app for at least public transport services and one shared mode at the hub. Universal design principles are considered, including simple and intuitive app design and minimum support for non-digital users. The mobility services present at this station are integrated into the Wien Mobil App which allows route planning and gives information on booking option (outside of the app).
DEMOCRATIC INTEGRATION	**Level 1 (target: Level 2)** **Definition 1 (Appropriate representation of stakeholder interests):** Participation takers got asked into a consultation process, Information are recognized. No or limited attention to involve vulnerable user groups.
INITIATION OF THE HUB	**Public Transport provider initiated**

Statistics

Hub Typology Distribution

all Hubs

central-urban
national
rural
urban-fringe
urban-large
urban-small

Case Studies

central-urban
rural
urban-fringe
urban-large
urban-small

Learning Cases

central-urban
national
rural
urban-fringe
urban-large
urban-small
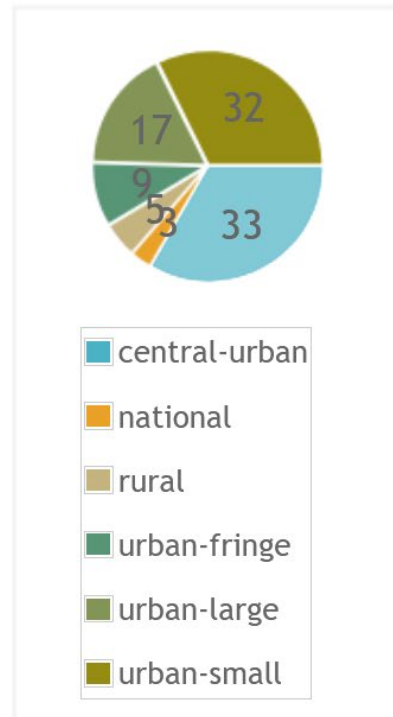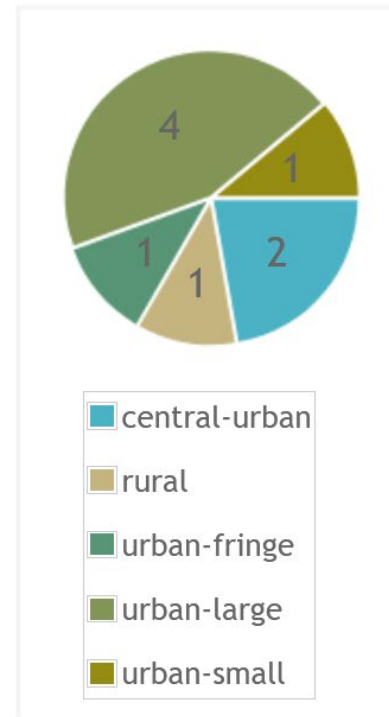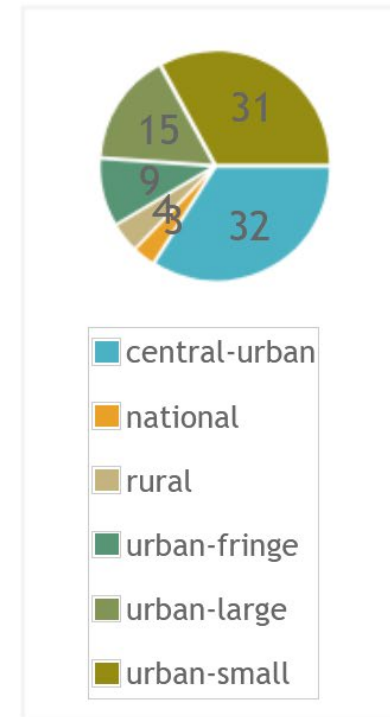
What comes next?

The ODP is planned to serve as a open tool for research and practitioners – also after the end of the SmartHubs project.

Next planned developments are:

- Pre-defined **export** options and automated **data interfaces**
- Cooperation with Hub-Providers / Hub-Consultancies regarding **open editing**
- Further **verification** process with local stakeholders
- Adding contacts per Hub to support **Peer-to-Peer exchange** via the ODP
- **Further Collection** of Hub entries via online survey
- Disseminating the ODP as **benchmarking tool** for hub providers

Invitation to contribute!

We are happy to welcome new **contributors** on the OPD,
you can just submit a hub here:
https://data.smartmobilityhubs.eu/wiki/Special:FormEdit/sem
org-hub-draft/Draft:Hub

If you want to be engaged as an **editor** with your own account
for easier re-editing let us know!

For further information reach out to
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SCAN ME

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Thank you!