SmartHubs

Open Data Platform on mobility hubs

SmartHubs International Symposium

International Symposium on Governance of Multi-modality in Public Space

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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 …

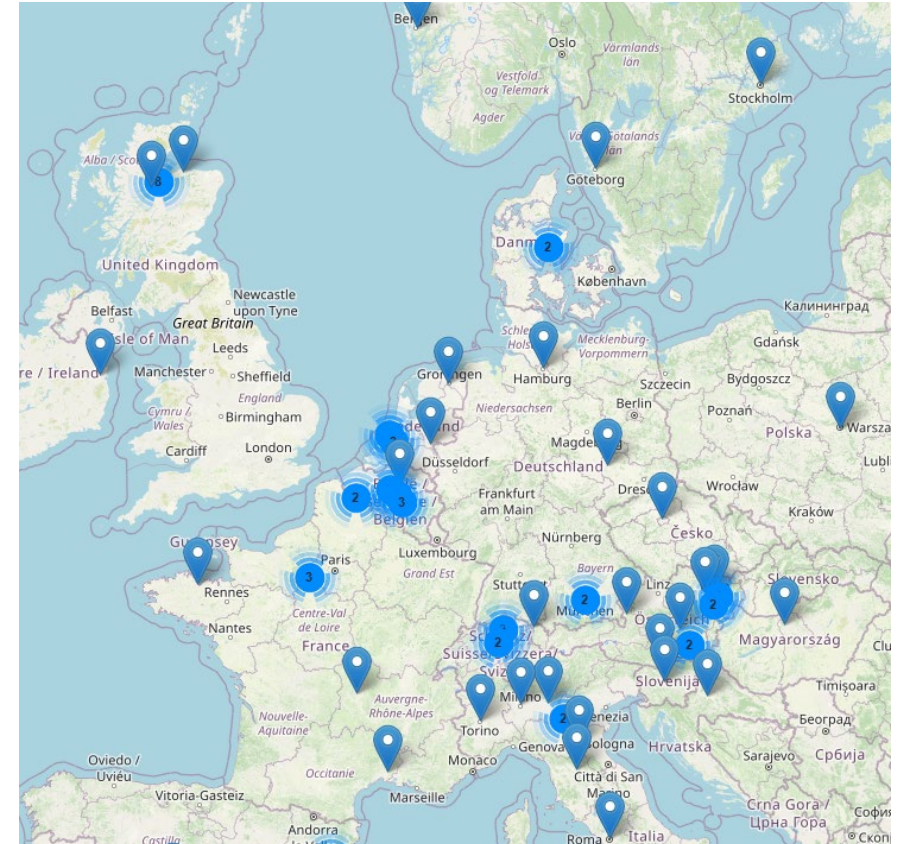… collect data on mobility hubs following a **standardized layout**

… **compare** similar hubs

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

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

… download **data** for further analyses

… **collectively edit and contribute!**

in the database: **83** Hubs (**9** of which are Case Studies in the SmartHubs Project), **17** Mobility Hub Networks, **68** Mobility Providers

Purpose of the ODP

- A internal research tool to structure data around the Case Studies in the 5 Living Labs

- an open platform for knowledge generated in the SmartHubs project for the public

- an open platform to allow every interested person to showcase and analyze Mobility Hub examples

Mobility hub distinction between

- learning cases (collection of well-equipped mobility hubs across Europe) and

- case studies (single selected hubs in living labs with defined location and more detailed information on the ODP)

Case Studies

CASE STUDIES: Overview · Integration Levels · Smartness · Modes · Mobility-related Services · Additional Services · Maps · Providers · Actors

⬇ Download as CSV

NAME	LOCATION
Anderlecht hub The Anderlecht mobility hub will be designed during the SmartHubs project.	Brussels Living Lab Brussels, Belgium
Aspern Nord public transport node on the northern edge of Seestadt Vienna	Eastern Austria Living Lab Vienna, Austria
Beylikdüzü Hub	Istanbul Living Lab Istanbul, Turkey
Haagse Markt Public Transport stop next to large market in a challenging neighborhood	The Hague-Rotterdam Living Lab The Hague, Netherlands
Leyenburg Hub Mobility Hub at larger public transit station with shared mobility, bike parking, automated shuttle, next to a hospital.	The Hague-Rotterdam Living Lab The Hague, Netherlands
Mobility Point Bruno Marek Allee housing-based, decentralized hub, with carsharing, bikesharing and PT nearby	Eastern Austria Living Lab Vienna, Austria
Mobilitätstation Pillichsdorf	Eastern Austria Living Lab

Examples on the platform WienMobil Maria-Tusch-Straße

TYPOLOGY

urban neighbourhood hub - large

show comparable hubs
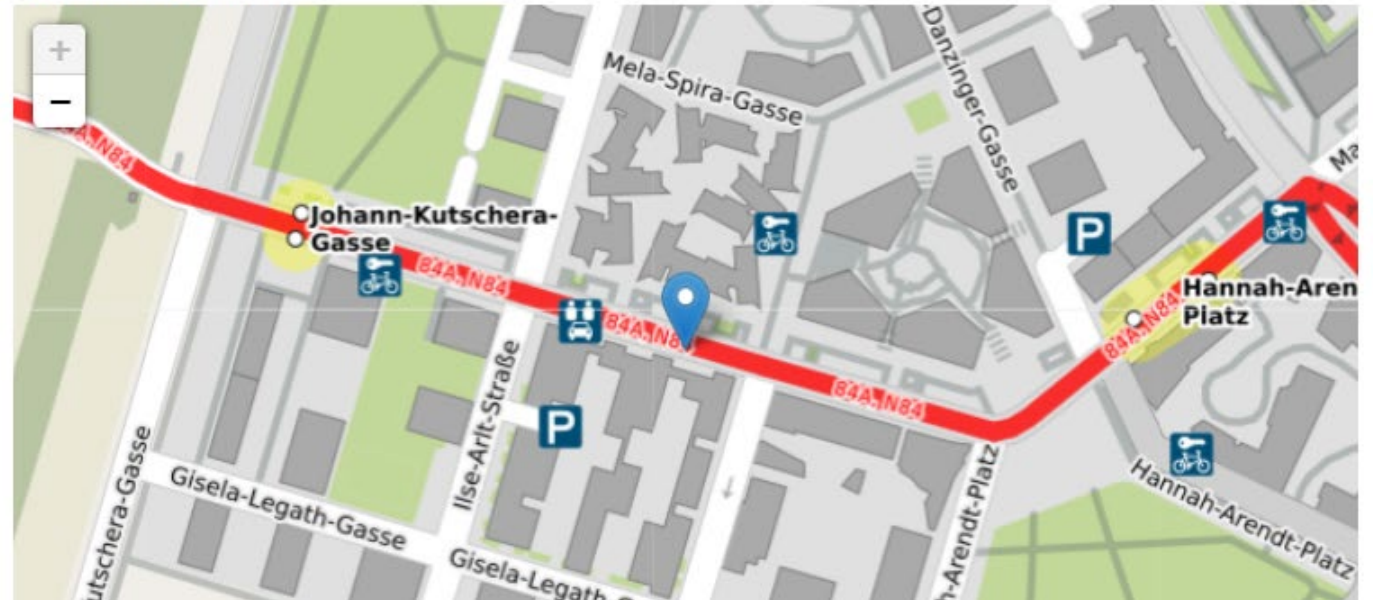
STATUS

ongoing

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

OPERATION START (YEAR)

2021

LOCATION

Vienna, Austria

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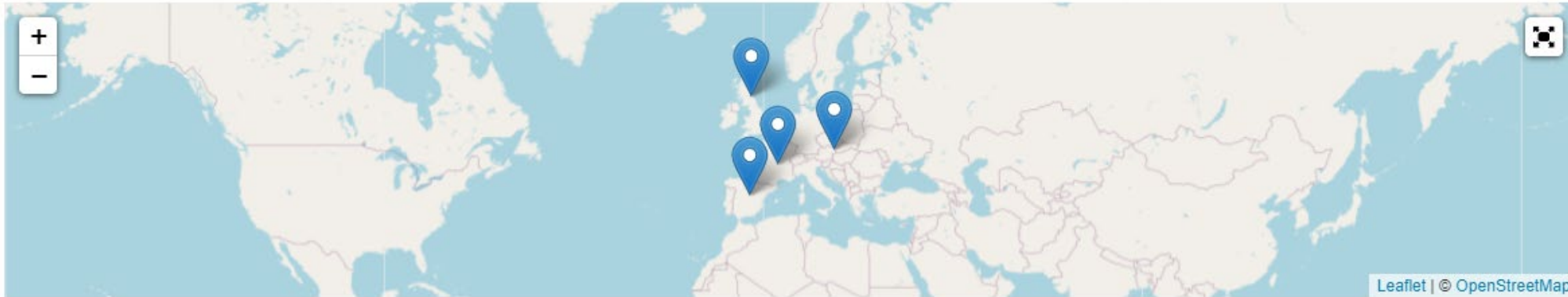
Examples on the platform

FILTER
Typology: urban-large ×
Status: ongoing ×
Physical Integration Level: 2 ×
Digital Integration Level: 0 - 1
Democratic Integration Level: 1 - 2

Leaflet | © OpenStreetMap

NAME	LOCATION	OWNER/OPERATOR
Estación de Madrid-Chamartín Central Station with public transportation and other different modes	Madrid, Spain	• Adif (semi-public)
Gare de Clermont-Ferrand Reorganization of the different transport modes in the station	Clermont-Ferrand, France	
Musselburgh Journey Hub	Musselburgh, United Kingdom	
WienMobil Maria-Tusch-Straße	Vienna, Austria	• Wiener Linien (private)

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Examples on the platform

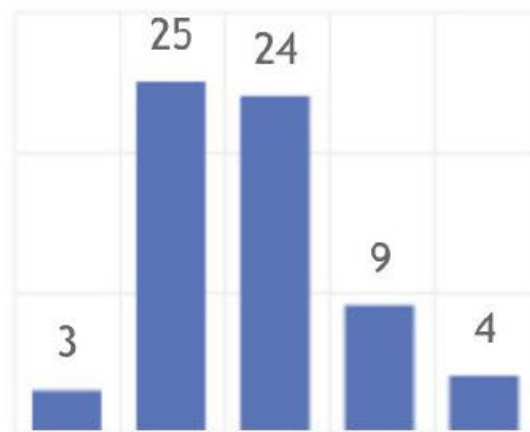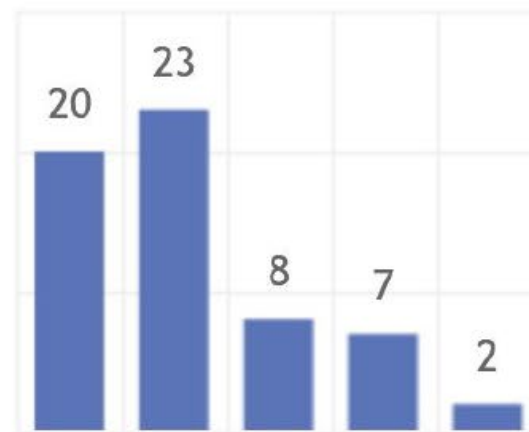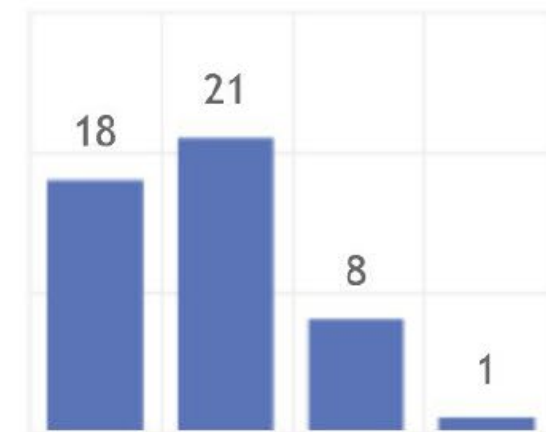| PHYSICAL INTEGRATION	**Level 2**
	Definition Level 2 (Wayfinding and universal design): At least two shared transport modes in acceptable walking distance to public transport with wayfinding and information of using the service and at least one service (e.g., parcel locker, kiosk) in acceptable walking 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 1**
	Definition Level 1 (Integration of information): Multimodal travel planners can be used to plan mobility offerings at hubs. Minimum inclusive design requirements are considered such as simple and intuitive app design.
	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**
	Definition Level 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.

Statistics

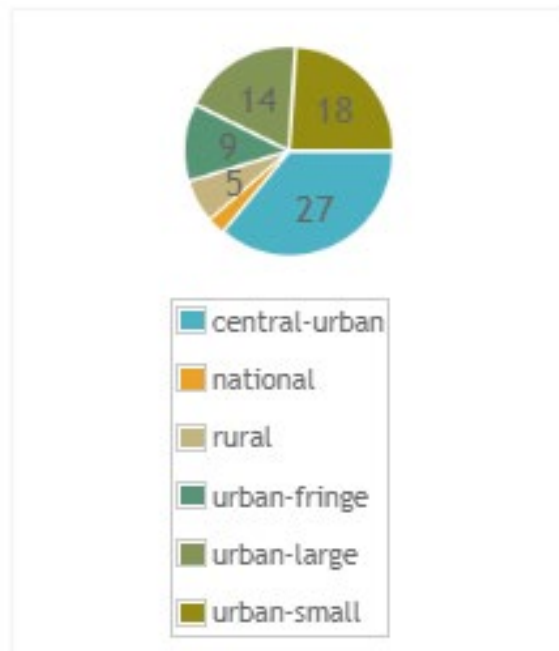Distribution of Integration Level

physical — digital — democratic bar charts showing distribution by levels

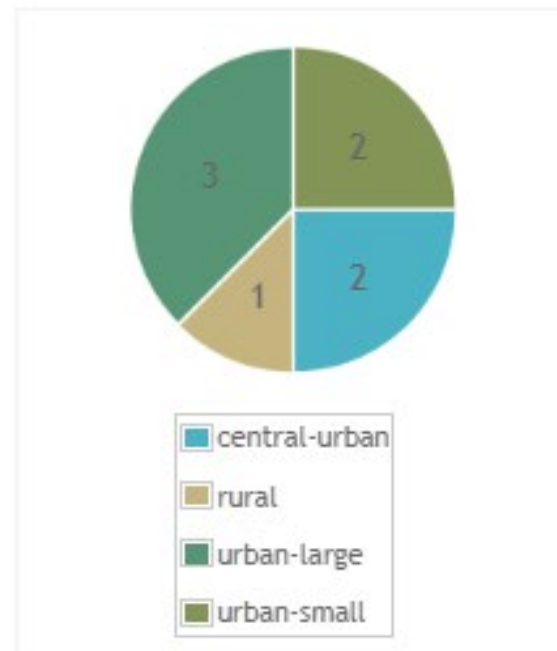# Statistics

Hub Typology Distribution
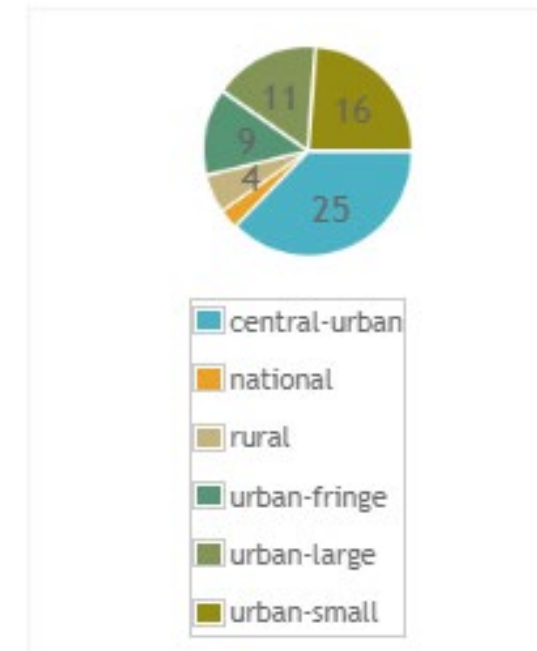
What comes next?

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**
- Adding contacts per Hub to support **Peer-to-Peer exchange** via the ODP
- **Further Collection** of Hub entries via online survey

Invitation to contribute!

We are happy to welcome new contributors on the OPD, you can register on the ODP
As editor you are able to …

… create new **hubs**
… create new **research projects** (and link them to hubs)
… create new **providers** (and link them to hubs)
… create new **networks** (and link them to hubs)
… add information to other hubs in the ODP
… add pictures (only copyright-free content!) to hubs

For further information reach out to
linda.doerrzapf@tuwien.ac.at
christoph.kirchberger@tuwien.ac.at

Create account

Username

Christoph Kirchberger

Password

••••••••••••••

It is recommended to use a unique password that you are not using on any other website.

Confirm password

Enter password again

Email address (optional)

Enter your email address

Real name (optional)

Real name is optional. If provided, it may be used to give you attribution for your work.

Create your account

SCAN ME

Contacts

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Thank you!