

PROJECT

WOMO

Living & Mobility - integration of location-based mobility in the planning process

Wohnen & Mobilität -Integration standortbezogener Mobilität in den Planungsprozess

Funding: National (Austria)

Duration: Jan 2014 - Dec 2014

Status: Complete with results



Background & policy context:

Our personal mobility is strongly interconnected to the places where we are living. Housing and mobility issues are often separated from each other in planning processes. A recent amendment of Vienna's building code provides a reduction in the parking requirement for housing projects (currently 1 parking lot / accommodation). Reduced construction costs for garages may now be used for the implementation of location-based mobility services. New offers for multimodal mobility are not yet sufficiently taken into account in the planning process. The task is to identify common tasks in mobility and housing in order to define concrete possibilities for implementation.

Objectives:

The main goal is to truly implement multimodal mobility in the planning process of objects and urban districts. Methods for:

- Identification
- bundling and
- organisation

of location-based mobility services will be developed in order to meet individual mobility styles and ensure user acceptance of the provided services. The integration of existing sharing or pooling concepts will be explored. A range of services and infrastructures can be implemented such as:

- integration of new vehicle concepts like cargo bikes, pedelec or urban light vehicles (eg eVienne)
- electric mobility infrastructure
- adequate parking infrastructure for existing and new types of vehicles
- repair shops, service stations, information terminals, charging infrastructure, lockers, participation tools and more.

Methodology:

Intention of the research project from a methodological point of view is the mutual approach to the task from a planning and user-oriented perspective. The starting point of all considerations is the resident and its individual mobility style connected to his own living situation. The following methods are used:

- desk research
- workshops
- scenario development
- usability design
- use cases
- stakeholder dialogue

Parent Programmes:

[MOTF - Mobility of the Future](#)

Institute type: Public institution

Institute name: FFG - Die Österreichische Forschungsförderungsgesellschaft

Funding type: Public (national/regional/local)

Other funding sources: bmvit - Bundesministerium für Verkehr, Innovation und Technologie

Partners:

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Key Results:

The project result is a new model for integrated and future-oriented design a location based urban mobility system. The model connects existing technologies and approaches of integrated mobility and transfers it to the level of housing projects and district planning. A modular range of services for developers and local authorities will be developed in order to offer their residents personal mobility services together with housing.

Documents:

 [Project abstract \(german\)](#)

STRIA Roadmaps: Smart mobility and services

Transport mode: Multimodal transport

Transport sectors: Passenger transport

Transport policies:

Societal/Economic issues, Digitalisation, Deployment planning/Financing/Market roll-out, Other specified

Geo-spatial type: Urban