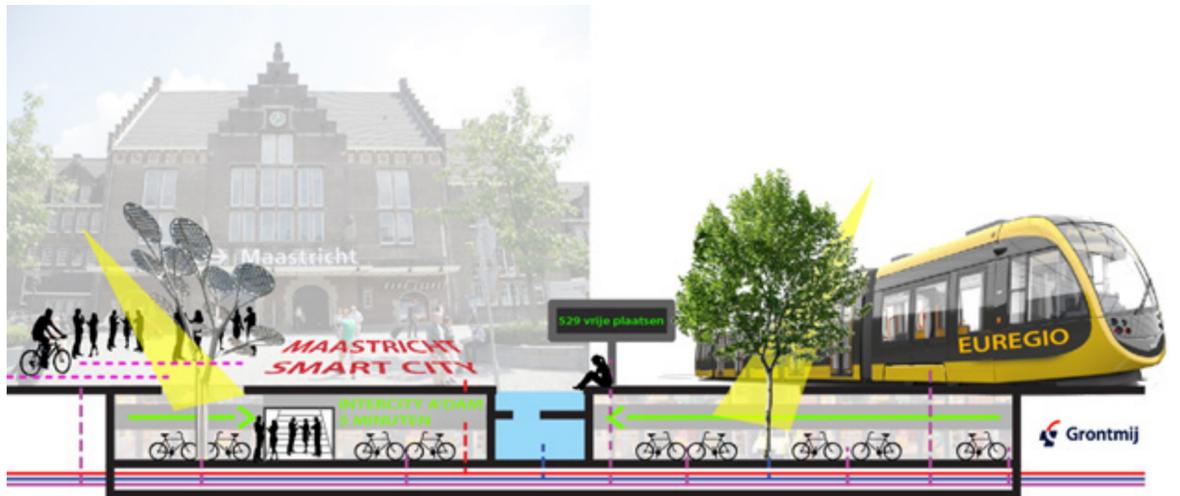


SmarterLabs

The 'Smart City Living Lab' is an emerging approach in European cities. It brings together citizens, policymakers, businesses, and researchers to test smart, ICT-based solutions to urban problems in real-life contexts. However, for urban mobility problems, solutions that 'work' in the particular reality of a Living Lab may not be adopted at a large scale.

Urban infrastructure is interwoven with the daily lives of citizens and therefore difficult to change, and large groups may not even have access to ICT-based solutions. The SmarterLabs project develops a novel approach that anticipates such problems in upscaling, and tests the approach through smart mobility Living Lab experiments in four cities: Bellinzona, Brussels, Graz and Maastricht.



Aim/objective

The SmarterLabs project aims to develop a Smart City Living Lab approach to effectively deal with two major risks to successful, widespread implementation of smart transport technologies:

1. Unforeseen barriers to large-scale change in socio-technical systems, and
2. Exclusion of social groups not matching the required 'smart citizen' profile.

Approaches/methods

- Retrospective analysis of urban mobility projects in Bellinzona, Brussels, Graz and Maastricht
- Action research in Living Lab experiments in these four cities
- Cross evaluation to develop guidelines

Expected results and impacts

- Enhanced stakeholder engagement and reflexivity in the implementation of smart mobility projects in the four involved cities, with cross-city learning
- Generic implementation guidelines for Smart City Living Labs on how to address barriers to upscaling that may stem from resistance to large-scale change in socio-technical systems and from people being excluded

Involved cities

- Bellinzona
- Brussels
- Graz
- Maastricht

SmarterLabs – improving anticipation and social inclusion in living labs for smart city governance

Duration: 2016–2019

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About JPI Urban Europe

JPI Urban Europe is a transnational research and innovation programme on urban transition. With the ambition to develop and validate new solutions for sustainable and liveable cities, a cooperation platform and programme is provided to connect urban stakeholders, researchers, cities, business and society

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