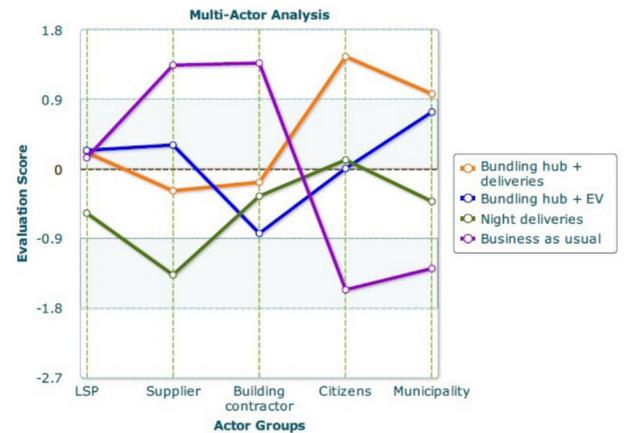


CIVIC

Construction is required to create more attractive, sustainable and economically viable cities. This includes the expansion of infrastructure, development of new residential areas and renovation of buildings. However, construction related transport causes negative impacts for people that live, work and/or travel in the vicinity of construction sites.

CIVIC (Construction In Vicinities: Innovative Co-creation) facilitates the participation of all stakeholders in the evaluation of alternative transport and logistics measures that minimise disruptions and nuisance and improve energy efficiency.

CIVIC will increase understanding among stakeholders on improved transport and will generate smart governance strategies to support implementation of the CIVIC approach in urban development projects.



Aim/objective

The goal of CIVIC is to facilitate and support efficient, sustainable and broadly endorsed transport to, from and around urban construction sites that minimises disruptions in the surrounding community, improves construction productivity and optimises energy efficiency

Approaches/methods

- 1) evaluation of alternative measures in a multi-actor participatory setting (MAMCA methodology)
- 2) optimisation models for logistics planning and impact assessment using data from smart applications
- 3) development of smart governance concepts

Expected results and impacts

- Increased understanding and acceptance among stakeholders with regard to transport and logistics in complex urban development projects
- Improved sustainability in terms of economic, environmental and societal impacts, with accurate measurements for the indicators.

Involved cities

- Amsterdam: Property Development UvA-HvA, City of Amsterdam
- Stockholm/Gothenburg: Servistik, City of Stockholm, Älvstranden Utveckling, Trafikverket
- Brussel: Brussels Mobility
- Vienna: Seestadt Aspern

CIVIC – Construction in vicinities: innovative co-creation
Duration: 2016–2018
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Budget: 929.213 EUR
Partners: Amsterdam University of Applied Sciences, Vrije Universiteit Brussel, Austrian Institute of Technology, Lindholmen Science Park, Linköping University, Chalmers University of Technology, CommuniThings, BERNARD Ingenieure, Deudekom and Cargohopper

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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