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Fraunhofer Institute for Material Flow and Logistics IML (Coordination), Fraunhofer Institute for Transportation and Infrastructure Systems IVI, Cities of Munich, Copenhagen and Tel Aviv, Technical University of Munich, KTH Royal Institute of Technology Stockholm, Technion - Israel Institute of Technology, Technical University of Catalonia, Seat, UPC Technology Center, Budapest University of Technology and Economics, UnternehmerTUM, i2cat Foundation

MOBY - LIVING LAB ELECTRO-MICROMOBILITY

Background

The increasing usage of electric micromobiles is attributable to continuing urban growth, whereby municipalities now have a need for new mobility solutions to solve increasing traffic problems and to guarantee efficient mobility systems. In particular, small electrified kickscooters, currently used as shared electric mobility services, are of particular interest.

Project description

The overall objective for MOBY is to develop an implementation guideline through a generic information tool for the successful integration of e-micromobile solutions into the existing mobility systems of three pilot cities: Munich (Germany), Copenhagen (Denmark) and Tel Aviv (Israel). This tool will support public stakeholders as well as electro-micromobile providers to maximize the potential positive impacts of new e-micromobile services and therefore contribute to liveable urban spaces.

Project tasks

The social acceptance patterns of these new mobility solutions will be analyzed by the Innovation Acceptance Unit of Fraunhofer IMW. For successful analysis the study will include the perceptions of entire urban societies and also explicitly include the perspective of non-users and those who might be affected by (potential) negative impacts. Particular attention will be paid to identifying possible differences and if given, relevant context-related reasons in the three cities.

Funding by:



Project duration:

01/01/2020 - 12/31/2020