Progress Report of the eMaaS
Consortium for 2019

The fundamental goal of eMaaS (Electric Mobility as a Service) is to increase the acceptance of electric mobility by offering it as an equivalent alternative to internal combustion vehicles. The eMaas solution is a suite of management functions which both enables the shared usage of e-mobility, fleet management functions (routing & scheduling, maintenance management, billing etc) and integration of existing mobility applications.

Pilots and intermediate results:
There are four pilot systems under development by: Move About Austria, GoodMoovs (The Netherlands), urban institute Hungary, Move About Sweden.
All pilot systems progressed well according to schedule.
The University of Twente and the eMaaS project partners have made significant contributions to the development of an (inter)national open eco-system for eMaaS. In The Netherlands, the eMaaS partners are active collaborators of the Transport Operators-MaaS Providers Working Group (TOMP-WG) which works in the development of an API standard for the communication between Transport Operators and MaaS Providers, the so-called TOMP-API. In October 2019 the blueprint of the TOMP-API version 1.1 was released.
GoodMoovs is working in the integration and implementation of the TOMP-API and has initiated to enable roaming of EVs between international partners; thereby also enabling data sharing for visualization and analytics purposes by UI within the Urban Pulse platform. The shared data, visualizations and analytics focus on fleet managers and stakeholders in municipalities.
Move About Sweden developed a more user-friendly booking system and enhanced the functionality of the mobility service.
urban institute Hungary completed the fleet optimization in the city of Szeged. The optimization process aims to select those vehicles, which can be replaced by electrical ones.

Dissemination: The website (www.emaas.eu) is up to date and contains all information in connection with conferences, workshops and publications.
The eMaaS Consortium had 12 publications in 2019. The eMaaS authors won the Best Paper Award at the 32nd EVS Conference in Lyon France.

Transport Operator to/from MaaS Provider API
Functional Blocks

Transport Operator / MaaS Provider

AUTHENTICATION

| OPERATOR INFORMATION | PRIVACY & REGISTRATION | PLANNING | BOOKING | TRIP EXECUTION | PAYMENT | SUPPORT |

ASSET
INFORMATION