Electric Mobility Europe

ERA-NET Cofund EMEurope

EVS32 - Lyon

eMaaS
electric Mobility as a Service

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eMaaS
Electric Mobility as a Service

The eMaaS Project

- Develops and stimulates an open ecosystem for eco-friendly (shared & electric) Mobility as a Service

Our Goals:

- Support large scale adoption of EVs through new business models
- Connect EV sharing services to other eco-friendly modes of mobility
- Put users at the centre and provide easily accessible solutions

The consortium

Sweden

- MoveAbout Sweden

Netherlands

- GoodMoovs
- University of Twente

Germany

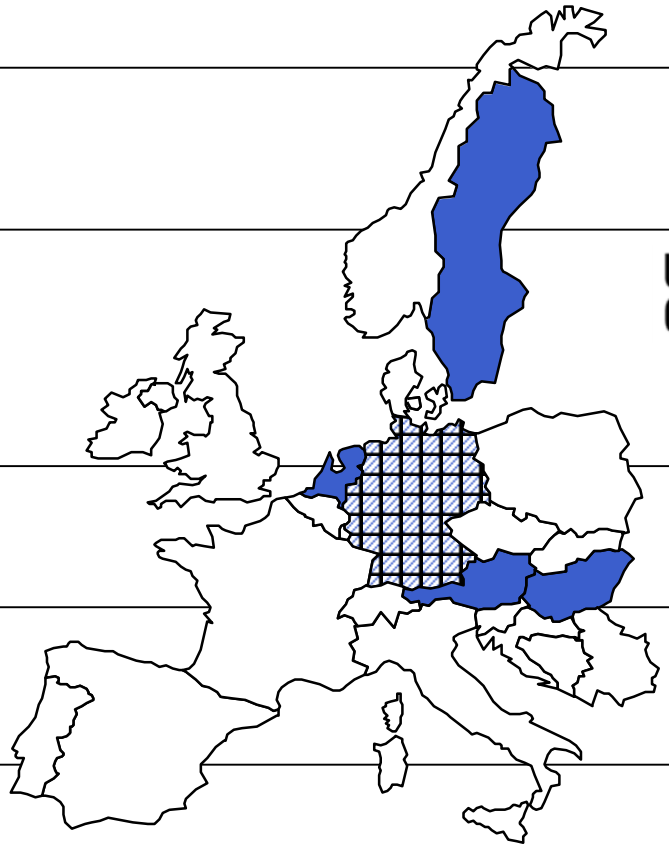
- [ui!] urban institute

Austria

- MoveAbout Austria

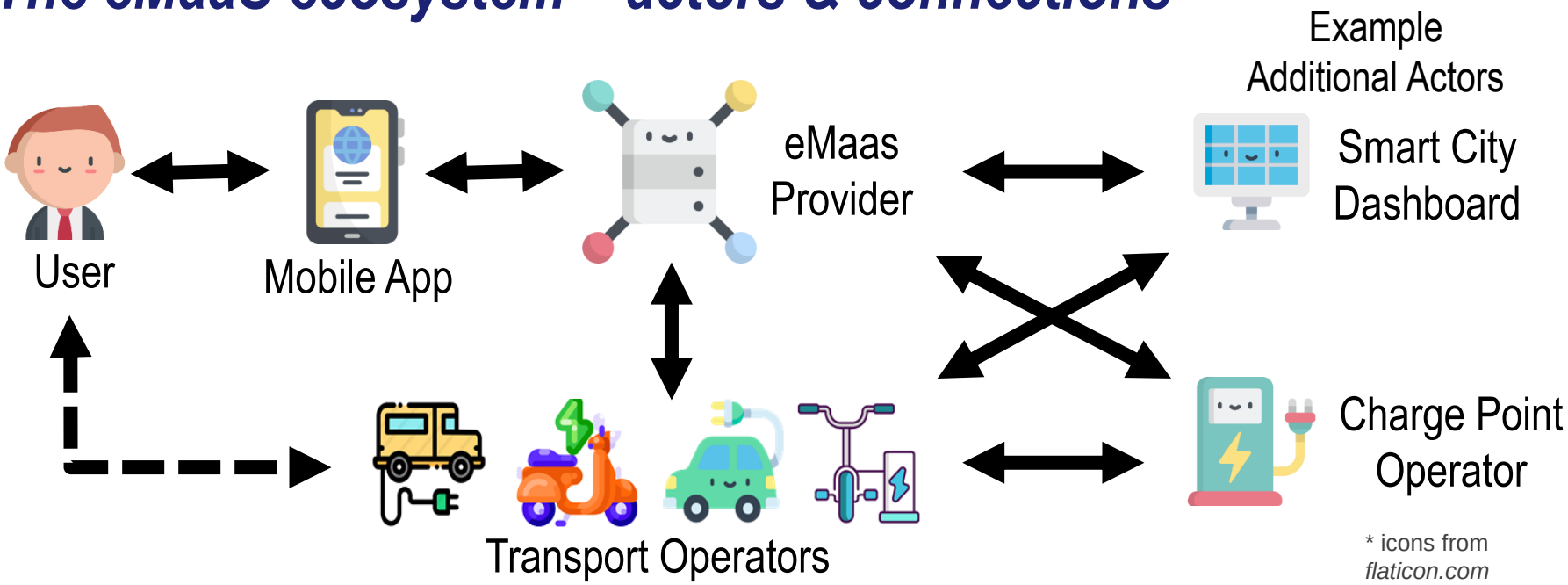
Hungary

- [ui!] urban institute Hungary Zrt.



What constitutes eMaaS?

The eMaaS ecosystem – actors & connections



What does the eMaaS project do?

Motivate Users!

User

We develop and implement **one mobility offer** for

- Private Users throughout cities and regions in Europe
  - e.g. residents of new housing developments
- Companies & (Public) Organizations
  - Employees or the public nearby can use company vehicles also for private trips

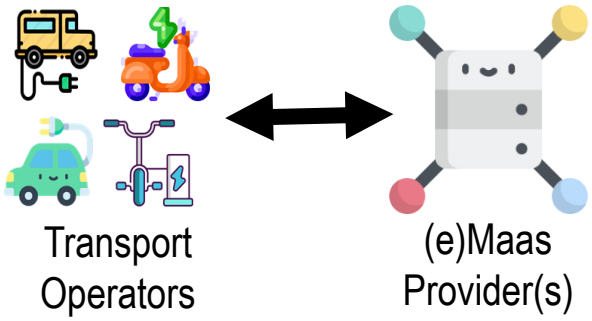
We use **gamification** to stimulate eco-friendly behavior and uptake of shared mobility

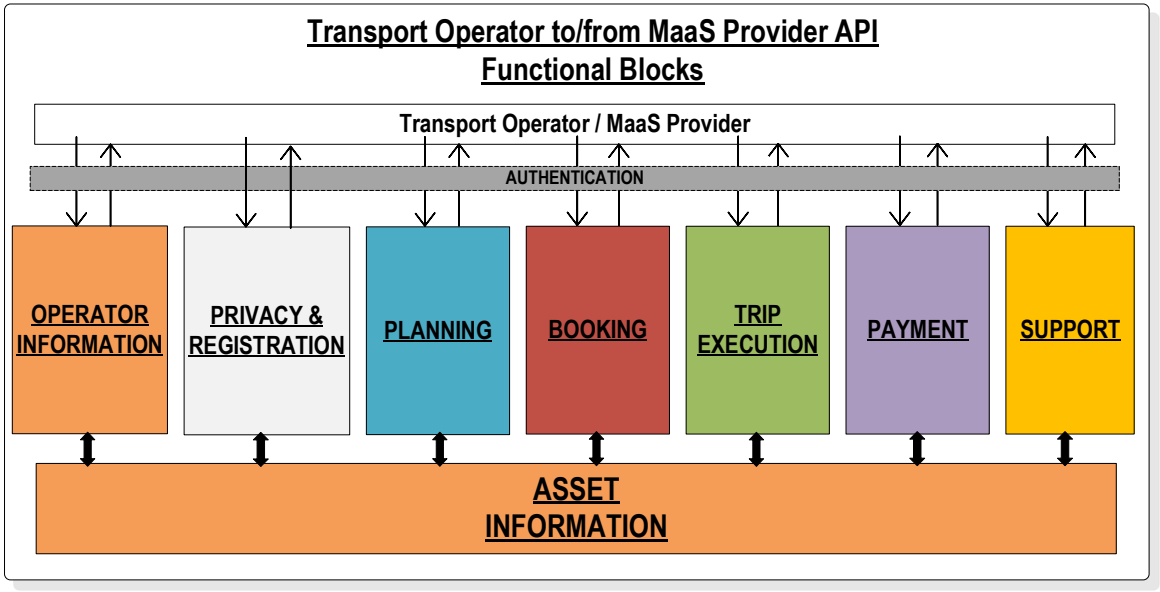
What does the eMaaS project do?

Standardize! - eMaas Provider(s) & Transport Operators

Design & Implementation of an API for open communication

Ongoing Collaboration with Dutch Ministry of Infrastructure & Water Management





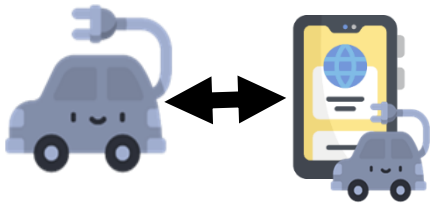
What does the eMaaS project do?

Integration! – Shared EV Roaming

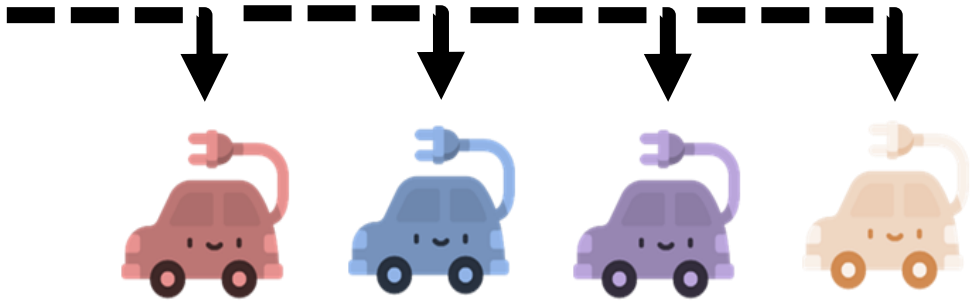
Transport Operators

Enable EVs sharing between transport operators!

- A key accelerator for the shared EV market
- eMaaS aims to deliver an API implementation and business model development



*Operator App **also** offers cars of other transport operators*



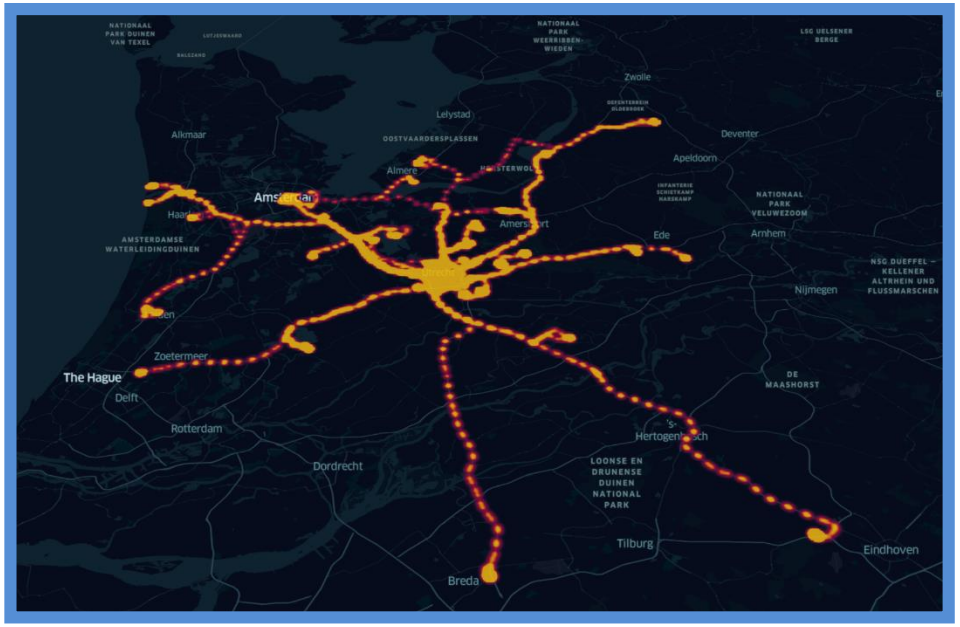
What does the eMaaS project do?

Visualize! – eMaaS in Smart City Dashboards

Smart City Dashboard

Visualize key eMaaS data from providers and operators

- Usage of road, parking & charging infrastructure
- Trip frequency, durations and routes taken
- Etc. etc.



Example: routes driven by a shared electric vehicle based in Utrecht, NL

In Summary

The eMaaS project …

- … provides standardization, integration and visualization of smart data!
- … aims to motivate users through an integrated offer and gamification
- … is finalizing the designs that enable this
- … will implement these designs in various planned pilots

Interested in our activities? Want to collaborate with us? More info?

- Project Website: **www.emaas.eu**
- Presentation of J. Roberto Reyes García - Wed 22-5 9:00 - Session G2