Mobility as a Service

Analytical work in the Working Party on Transport Trends and Economics (WP.5)

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MaaS

Integration of mobility service
Trip planning in real time traffic
Service conditions and operator arrangements
One-stop fare purchase

Door-to-door travel without private vehicle
Equal or better quality of service
Our approach to looking at MaaS

Digital enablers of MaaS

- Car-sharing
- Bike-sharing

MaaS cost, risk and revenue challenges

MaaS infrastructure challenges [work in progress]
- MaaS definition
- MaaS objectives and target groups
- MaaS typology
- Understanding of MaaS innovation
- MaaS actors
Digital enablers of MaaS

- Digital mobility platform and its functionalities
  - information and availability
  - routing
  - booking, ticketing and payment
  - reporting
- Advantages from a MaaS platform
- Case studies
Car-sharing / Bike-sharing

- Car-sharing development
- Car-sharing models
- Business case
- Good practice and case studies
- Challenges and trends
- Car-sharing and MaaS

- Bike-sharing systems
- Bike-sharing models and business cases
- Benefits, challenges and trends
- Bike-sharing and MaaS

Enablers

TRANSPORT
MaaS cost, risk and revenue challenges

- MaaS Business models (MaaS broker / Partnership and MaaS coordinator)
- Analyse lessons learned (existing MaaS applications bundling services and goods from other sectors)
- The Revenue Allocation Challenge
- Addressing the revenue allocation challenge
Appreciation

- Dimitris Dimitriou (University of Thrace, Greece) – parts of Chapter 1
- Athena Roumboutsos (Prof., Dr., Dipl. Eng.), together with Amalia Polydoropoulou (Prof., Dr., Dipl. Eng.), Ioanna Pagoni (Dr., Dipl. Eng.), and Athena Tsirimpa (Dr.) (University of the Aegean, Greece) – parts of Chapters 1 and Chapter 5
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Thank you