

Optimized Mobility as a Service

Holistic mobility solutions for the urban periphery

JPI Kick Off - 13.02.19 Renata Pereira de Souza





















Introduction (01/03)

Maas























Introduction (02/03)

Transport distribution











Good or excellent public transport







Higher degree of motorization Parking slots available



Parking slots scarce







Less availability of public transport

Source: © MO.Point Mobilitätsservices GmbH 2018























Introduction (03/03)

Challenges

MaaS:

Demand for new approaches

City management:

Necessity to provide more efficient modes of

transport

Citizens' needs:

High trade-off between mobility

costs/residential costs

















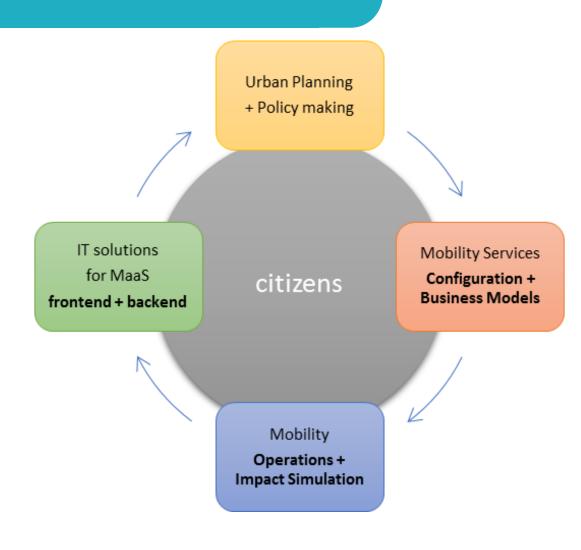




OptiMaaS

Integrated Approach

- **OptiMaas-Policy**
- OptiMaaS-MPC
- **OptiMaaS-Operations and Impact Simulations**
- **OptiMaaS-IT-Solutions**
- OptiMaaS-Labs























Implementation



Implementation (02/02)

WP N°	WP Title	Start month	
1	Project management and dissemination	Sep/18	
2	Identifying specific requirements and solution paths	Sep/18	
3	Conception/design and development (methods, tools, algorithms)	Jan/19 ⋅	<
4	Technology and concept testing	Sep/19	
5	OptiMaaS conclusions for setting new MaaS standards	Sep/19	































tbw research GesmbH

Research organization



Austrian Institute of Technology GmbH

Research organization



Brussels Mobility

Public Authority



MO.Point Mobilitätsservices GmbH

Mobility Provider & Operator – private



Urban Innovation Vienna GmbH

Public Authority



Upstream – next level mobility GmbH

MaaS-Provider & Operator



Institute of Transport Economics (TØI)

Research organization



Ruter As

PTA & MaaS-Provider



Wiener Linien GmbH & Co KG

PTA





















Anticipated results

- Contract standards and new urban policies.
- MaaS user need oriented solutions.
- Reduction in CO₂-emission in and traffic congestions.
- New mobility service concepts and business models.



Source: © Ruter As 2018





















Thank you.



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