



The central role of Public Transport in the
urban mobility revolution
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CHALLENGES AND OPPORTUNITIES

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- Changing governance, organisation & relationships
- Exponential growth of data
- Improved operational efficiency and maintenance
- Impact on human resources
- Cyber security and privacy
- Electrification
- Emerging players and New mobility services and platforms
- Autonomous and connected vehicles



MOIA
SOCIAL MOVEMENT



ELECTRIFICATION



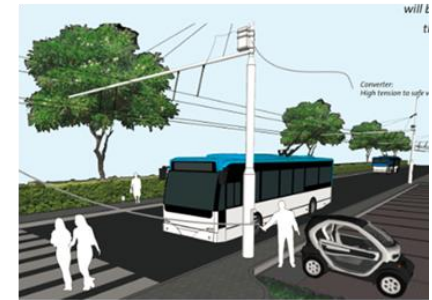
New generation of BRT systems

Vehicle design



Healthy and liveable cities

Shared charging infrastructure

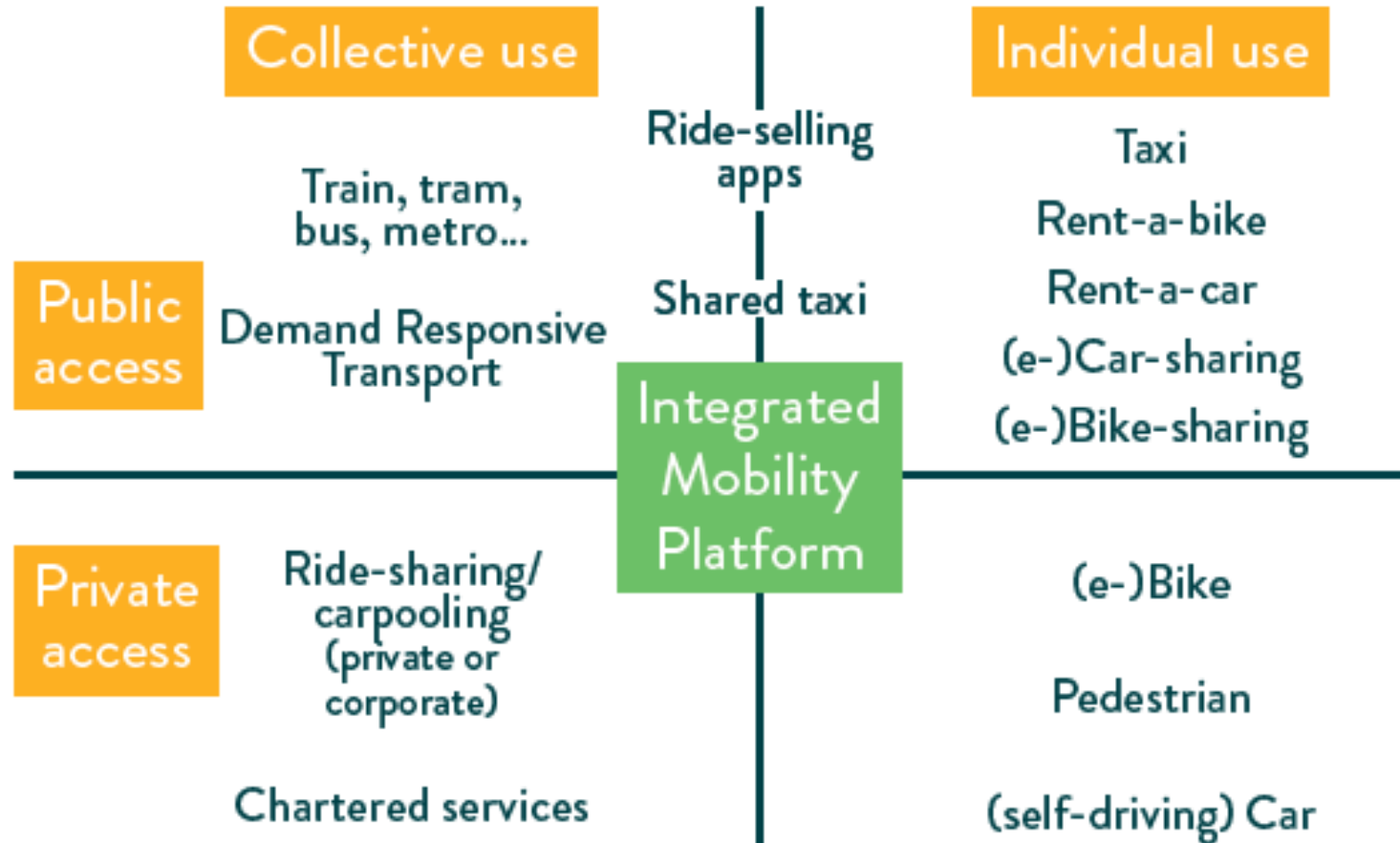


Integrated planning of system extension & renewal

Integration urban landscape



MOBILITY AS A SERVICE



CONNECTED AND AUTOMATED MOBILITY

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A winning card for integrated sustainable urban mobility



Smart
automation for
smart cities



CONNECTED AND SHARED AUTOMATED MOBILITY

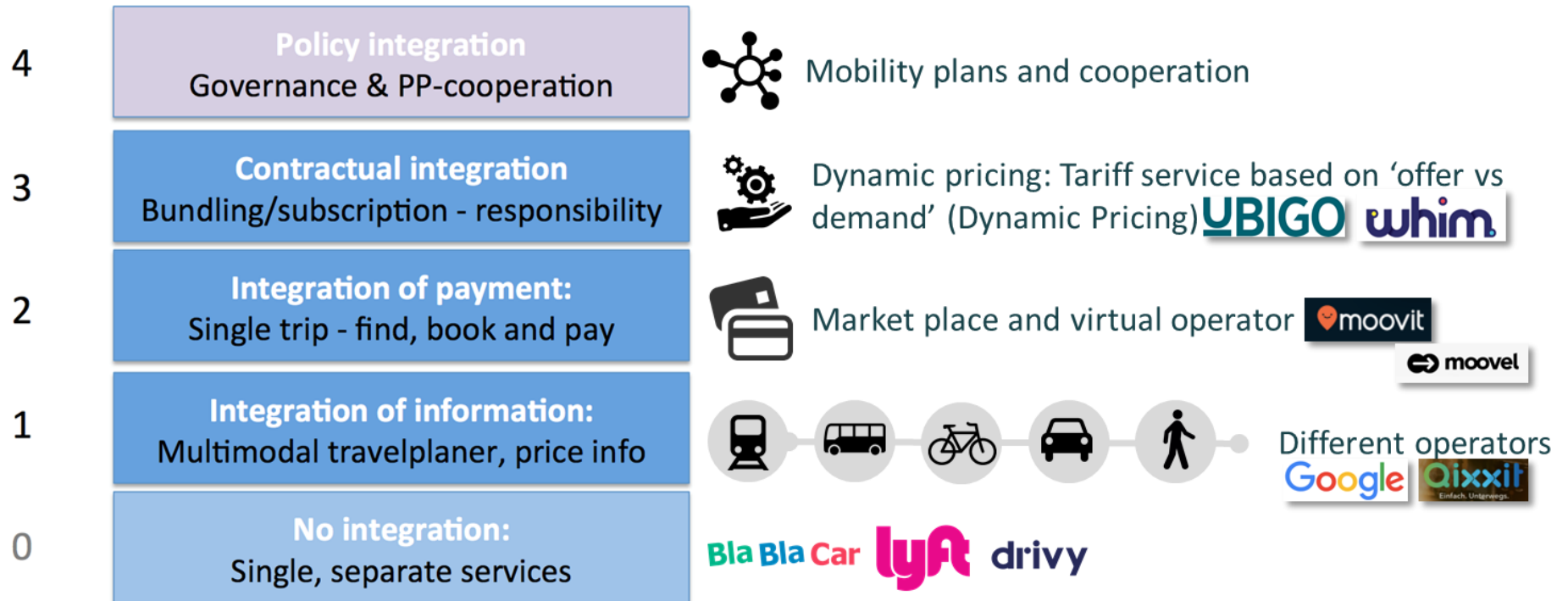
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SPAC^E

SHARED • PERSONALIZED • AUTONOMOUS • CONNECTED • VEHICLES

INTEGRATION IS A KEY FACTOR

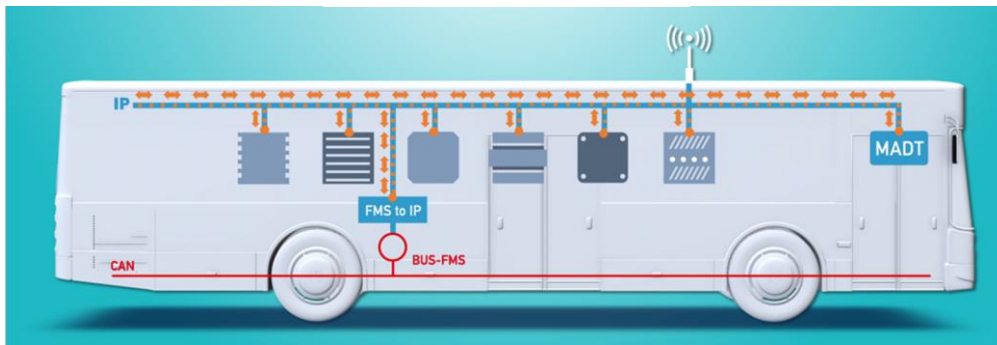


MaaS topology (Sochor, Arby, Sarasini, Karlsson,

Time and money should be invested in new and innovative applications!



INFORMATION TECHNOLOGY for PUBLIC TRANSPORT



Applied standards for interoperable “plug-and-play” onboard and back-office IT-systems for public transport.



Creating seamless Interoperability and Smarter Travel



SUSTAINABLE URBAN MOBILITY CONGRESS

1. Local context matter
2. MaaS = cooperation, build up the dialogue of the MaaS ecosystem
3. Autonomy revolution is the winning card for MaaS and a big opportunity for public transport and urban mobility
4. Data deals : data of public interest generated by MaaS should be accessible to optimise and enhance public transport & urban mobility planning
5. Interoperability and Standardization are key enablers





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