

Collaborative Business Models for Automated Driving – Design and Evaluation

L3Pilot Final Event

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Exploitation and Innovation @ L3Pilot

Objectives:

- Explore and promote the potential of L3Pilot results wrt new business opportunities and business models
- Study the deployment potential of AD

Approach:

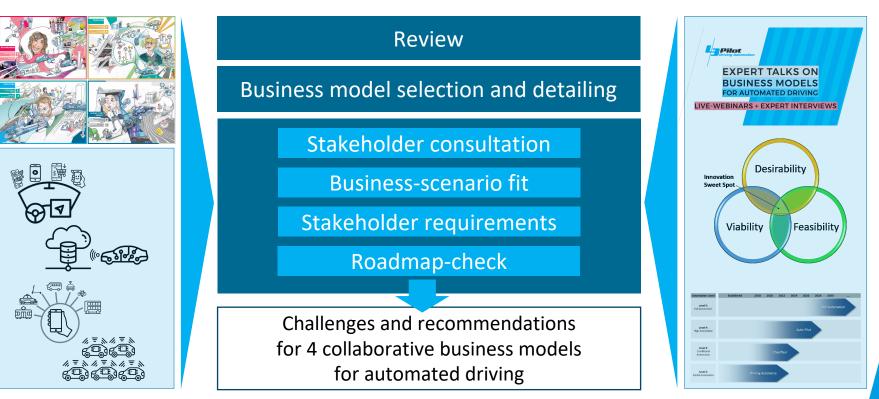
 Broad and open model, dealing with a range of business environment scenarios, promising business models and possible deployment strategies Can promising AD-related business models foster the market of AD technologies?



Motivation to invest Motivation to bring together partners

"No business model, no business, no automated driving"

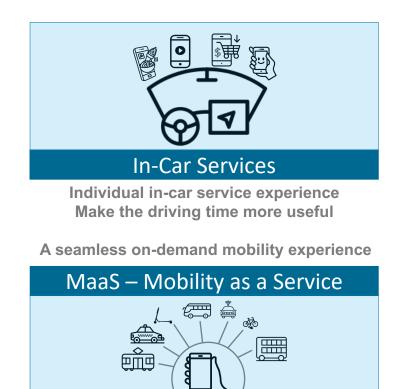
Approach





Four collaborative business models and their co-created values in use

Pilot





Data⁺ Platform

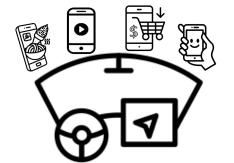
1 Stop data shop Secure car and user data marketplace

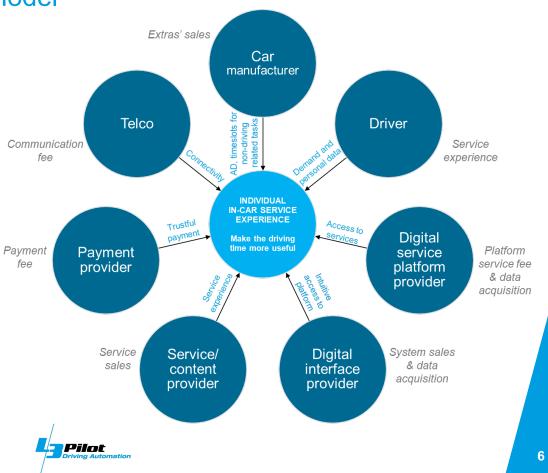
Useful and private urban commutes





In-Car Services Business Model

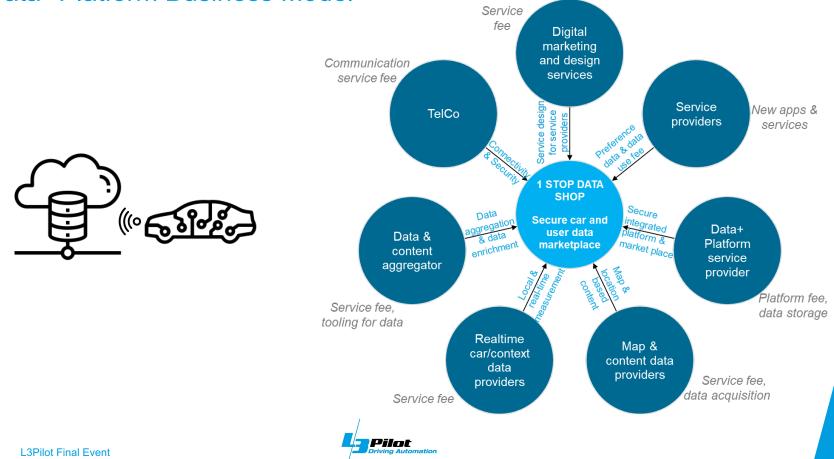




In-Car Services	Data+	MaaS	RoboTaxi
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AD Technologies			
In-car hardware			
Data security and access to data			
Indirect relationship			
Role in the business model			
Discretion / confidentiality related to other passengers			



Data⁺ Platform Business Model

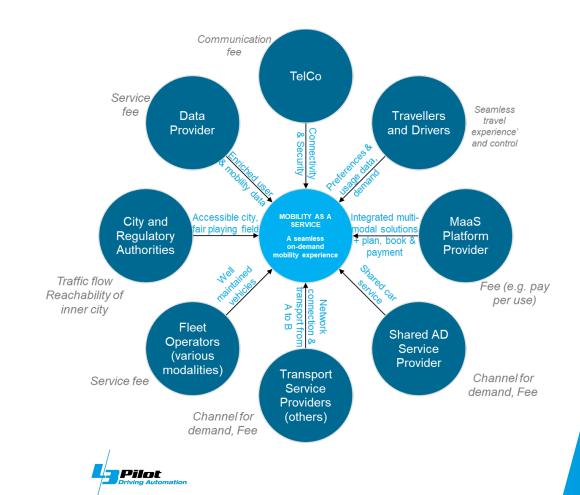


In-Car Services	Data+	MaaS	RoboTaxi
AD Technologies	New expertise needed		
In-car hardware	Upscaling, sustainable business model		
Data security and access to data	Data ownership, IPR		
Indirect relationship	Data privacy and data sharing business		
Role in the business model			
Discretion / confidentiality related to other passengers			



MaaS Business Model

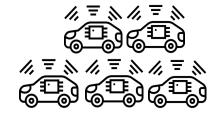


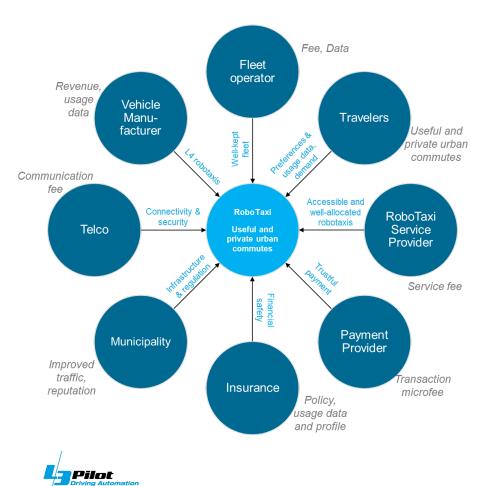


In-Car Services	Data+	MaaS	RoboTaxi
	(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)		
AD Technologies	New expertise needed	Granular geolocation data	
In-car hardware	Upscaling, sustainable business model	Infra built environment	
Data security and access to data	Data ownership, IPR	Reliable data sharing	
Indirect relationship	Data privacy and data sharing business	Indirect relationship	
Role in the business model		Local configuration	
Discretion / confidentiality related to other passengers		Emissions / reachability	



RoboTaxi Business Model





In-Car Services	Data+	MaaS	RoboTaxi
	(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)		% = % % = % 6 = % (= % % = % % = % 6 = 0 6 = 0 6 = 0 6 = 0
AD Technologies	New expertise needed	Granular geolocation data	AD Technologies
In-car hardware	Upscaling, sustainable business model	Infra built environment	Liability
Data security and access to data	Data ownership, IPR	Reliable data sharing	Data ownership, access to data, privacy
Indirect relationship	Data privacy and data sharing business	Indirect relationship	Consumer trust
Role in the business model		Local configuration	Pricing
Discretion / confidentiality related to other passengers		Emissions / reachability	



... we would like to ask for your personal business model preference:

Please, **don't** vote in the name of your company/institution, just think **like a private investor.**



Imagine, you would have a venture capital of 3 bitcoins available. How would you allocate these to the 4 presented business models?

AD-related business models drive the business of Automated Driving

- Utilize AD in differing ways
 - Free-time
 - Source and endpoint
 - Complementing modality
 - Fleet
 - Servitization, digitalisation and datafication
- Collaboration is key
 - Existing partnerships, e.g. selling ADFs as extras
 - New ways of collaboration in an ecosystemRole definition



(0 - 5) = 0



Thank you for your kind attention.

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Before we end



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How to "answer"?

Go to www.menti.com and use the code 9956 2445

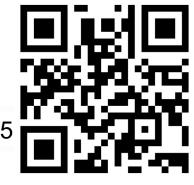
https://www.menti.com/acd9pzap37

www.menti.com

Image: Second system

Image: Second





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