

Ruben D'Hauwers

# Willingness to grant data control in a Solid mobility ecosystem

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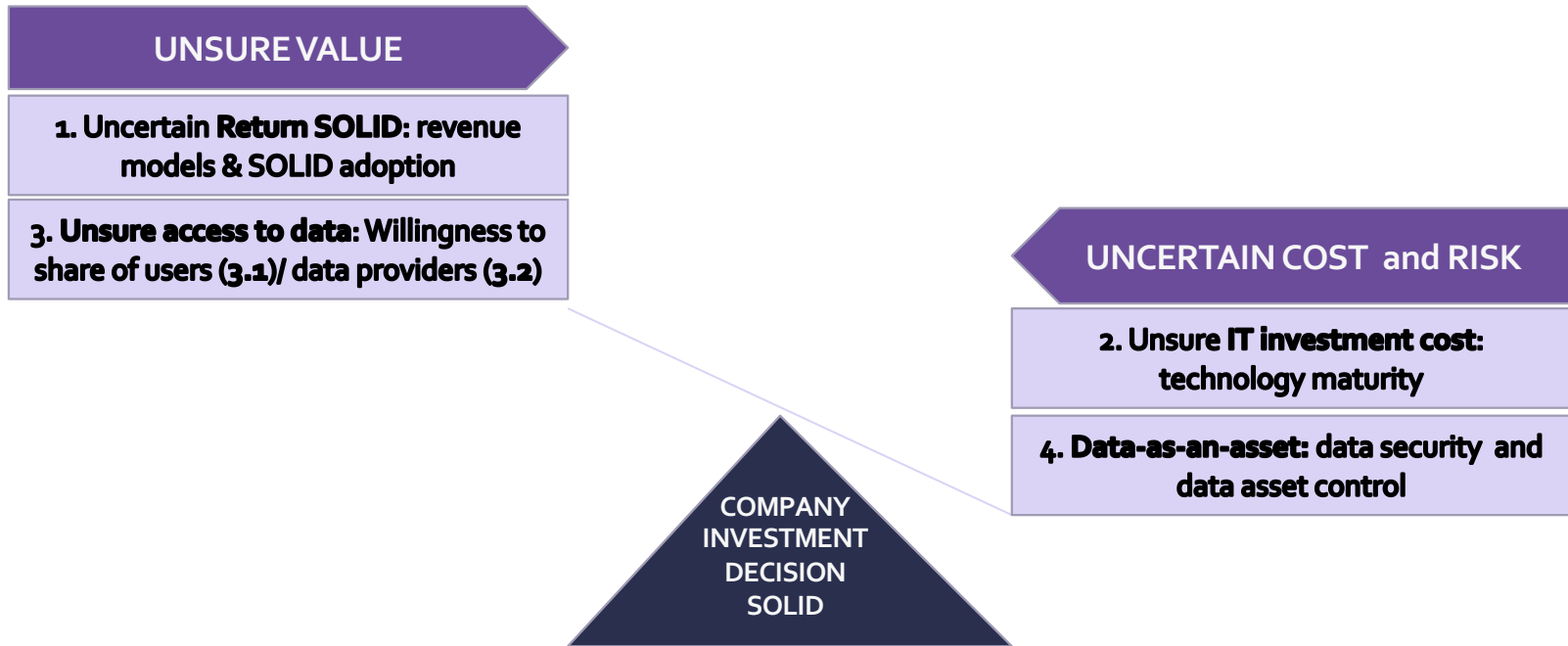
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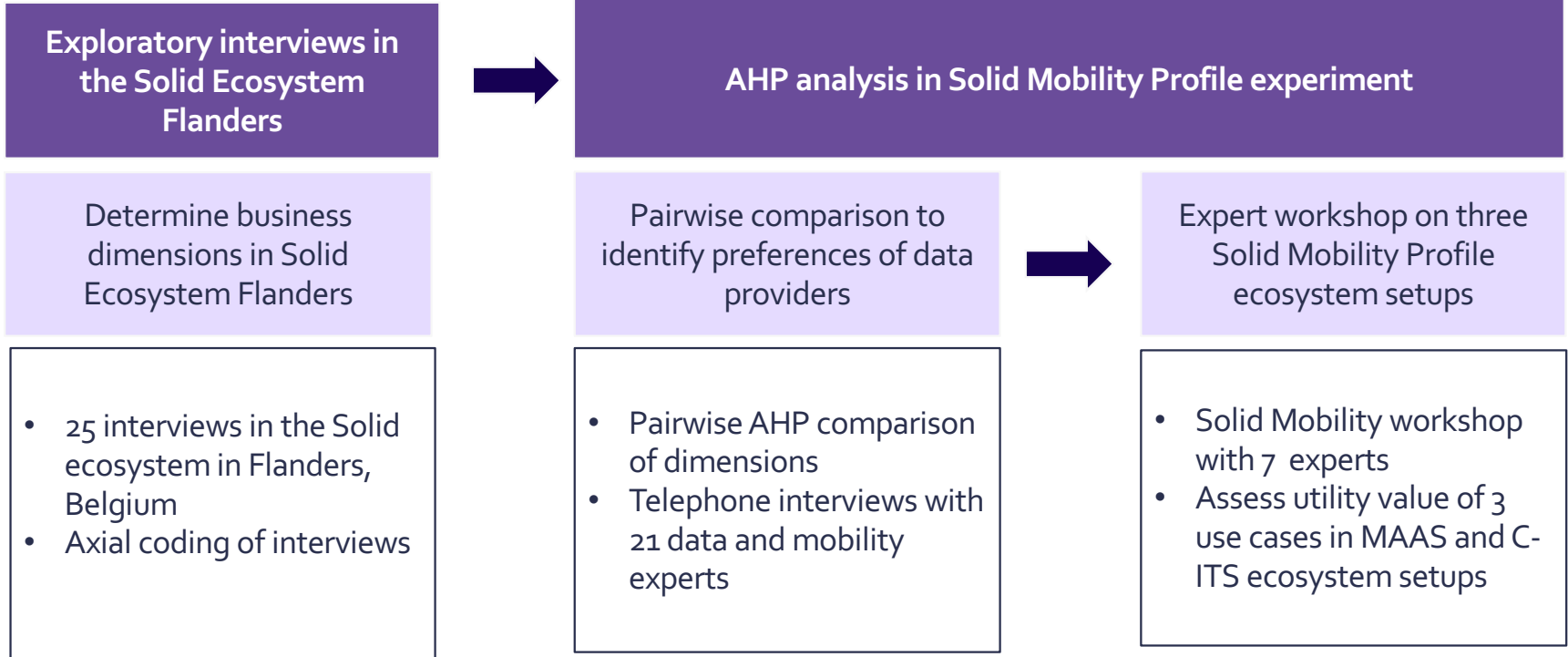
# Barriers Organisations Solid Adoption



# Research Question

- What are the **business dimensions** influencing data providers' willingness to grant access control to data subjects?
  - What are the **relative preferences of data providers** for this decision in a mobility personal data ecosystem?
  - How can these insights be applied to **inform MAAS and C-ITS use case data ecosystem setups**?

# METHODOLOGY



# Business (sub)Dimensions Granting Data Control

## VALUE

Value Creation

Ecosystem Value  
(+)

User Value  
(+)

Value Capturing

Value Capturing  
(+)

## CONTROL

Actor Relationship

Level of Competition  
(-)

Level of Collaboration  
(+)

Level of Data  
Competitiveness

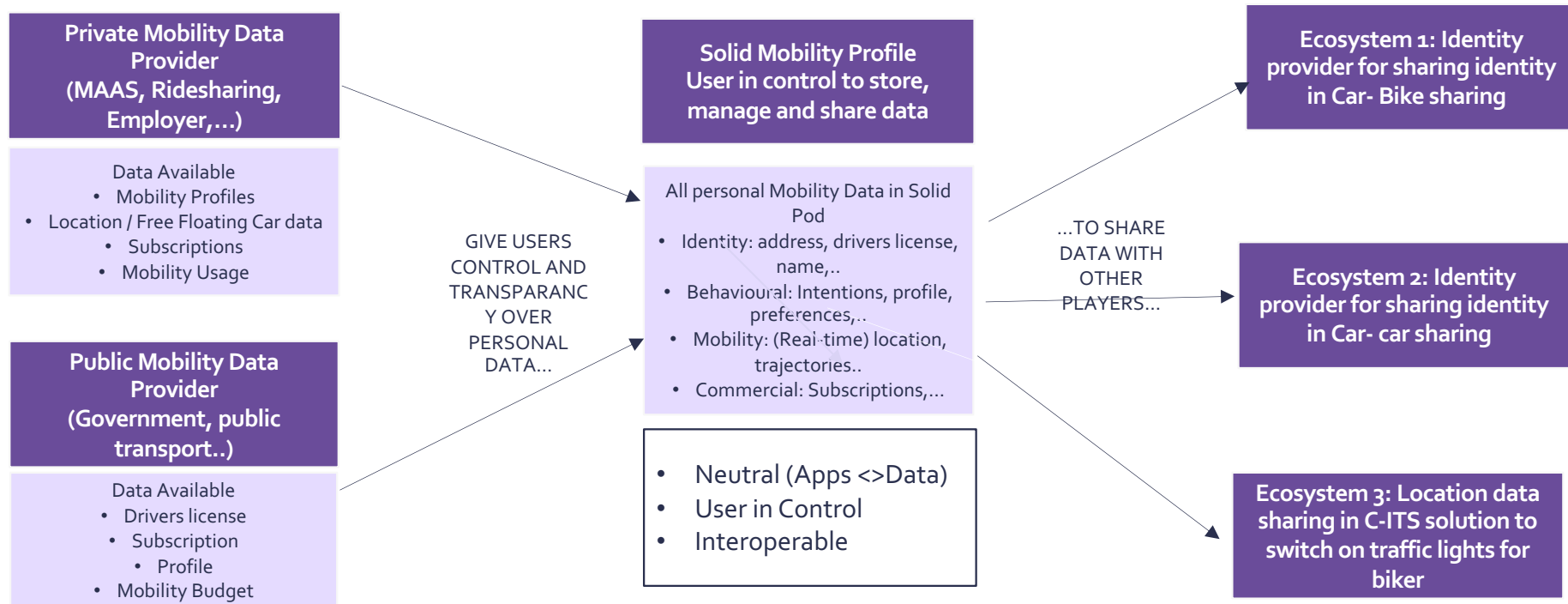
Coreness  
(-)

Level of Processing  
(-)

Privacy Risk

Privacy Risk  
(-)

# SOLID MOBILITY PROFILE



# STATIC PREFERENCES (dimensions)

## VALUE

Value Creation  
25,96%

Value Capturing  
22%

## CONTROL

Level of Data Competitiveness  
20%

Actor Relationship  
17,87%

Privacy Risk  
14%



# STATIC PREFERENCES (subdimensions)

## VALUE 48%

Value Capturing 22,37%

End-User Value 14,8%

Ecosystem Value 11,15%

## CONTROL 52%

Coreness Data 14,05%

Privacy Risk 13,98%

Level of Competition 9,49%

Level of Collaboration 8,18%

Level of Processing 5,98%

# STATIC PREFERENCES (sector difference)

## MAAS

Value Creation 26%

Value Capturing 22%

Level of Data Competitiveness  
22%

Actor Relationship  
16,77%

Privacy Risk  
15%

## TRAFFIC DATA

Value Creation 27,5%

Privacy Risk  
21%

Value Capturing 19%

Level of Data Competitiveness  
19%

Actor Relationship  
13,3%

## AUTOMOTIVE

Actor Relationship  
36,6%

Value Capturing 22,6%

Value Creation 17,4%

Level of Data Competitiveness  
14,3%

Privacy Risk  
9,1%

# Orchestrator Strategies – Ecosystem set up

Dimension	Strategy	Weight
Value creation & Capturing	New revenue models Use Case development Enable reciprocity	48%
Level of data competitiveness	Trustworthy aggregators Shared control competitive data	20%
Actor Relationship	Determine which actors to include Ecosystem Collaboration Strategies Ecosystem agreements	18%
Privacy Risk	Decentralized and interoperable storage solutions	14%

# Thank you

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