

TAKING  
**COOPERATION**  
FORWARD

 PriMaaS/CISMOB workshop

 **ENHANCING SMART MOBILITY SOLUTIONS IN  
DIFFERENT URBAN SETTINGS**

 Budapest University of Technology and Economics (BME)

# BACKGROUND

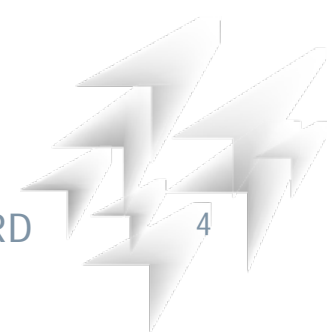
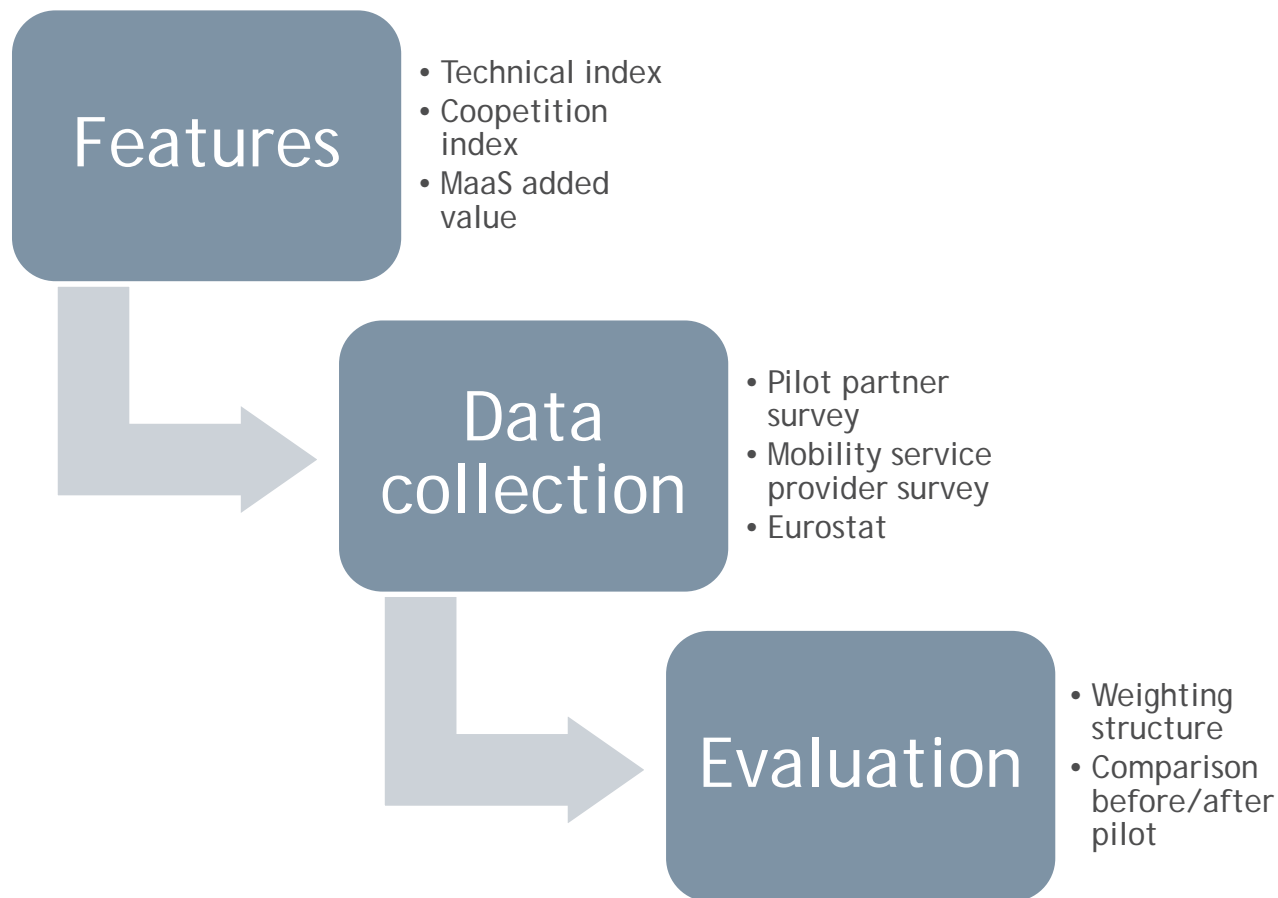
- Project acronym: RegiaMobil
- Project title: Enhancing Mobility Services in Rural Regions
- Duration: 2020-2022
- Source: Interreg Central Europe
- Funding: 1.660.086 Euro
- Number of partners: 11
- Number of pilots: 6
- Website: <https://www.interreg-central.eu/Content.Node/RegiaMobil.html>



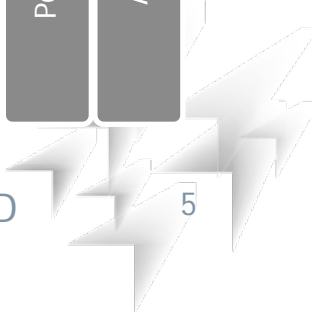
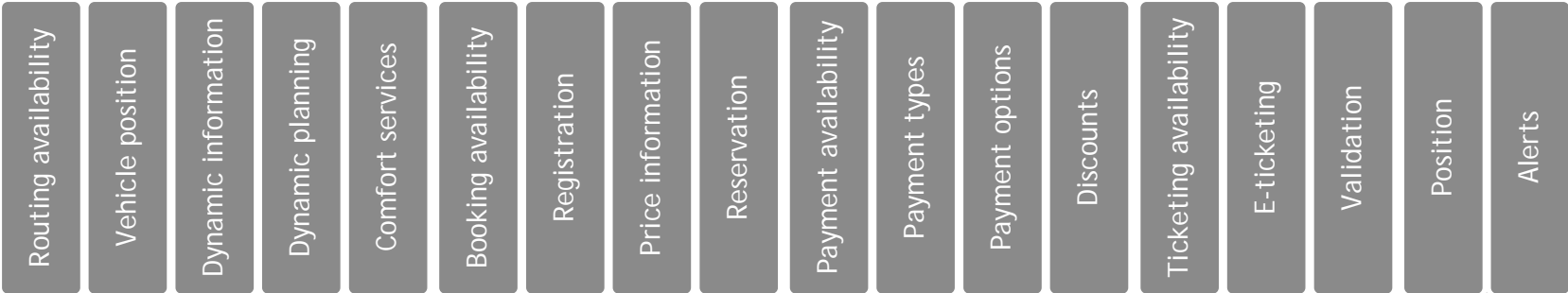
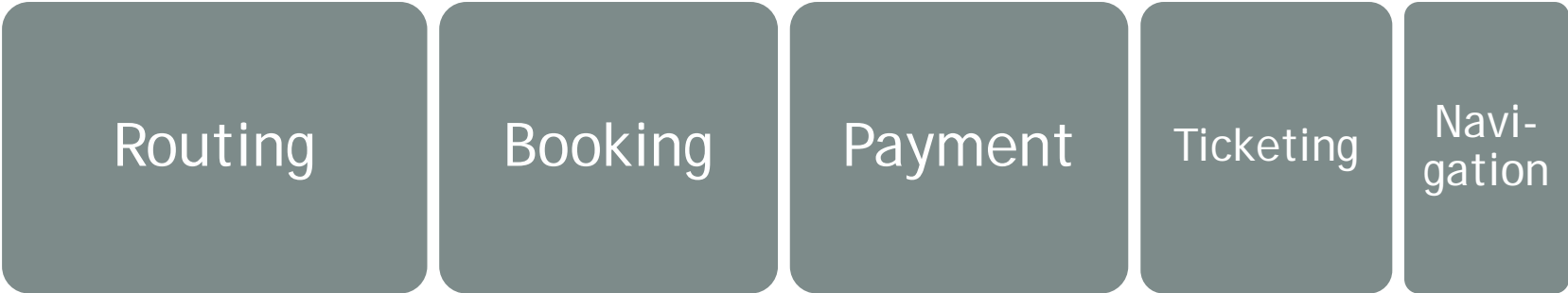
# MAIN GOALS

- aims at enhancing the mobility of people living in rural areas through smart transport solutions
- capitalizes on outputs resulting from four Interreg Central Europe projects enriched by results of HORIZON 2020 in the domain of smart public transport
- six demonstration projects launched based on previously elaborated approaches and refined by research expertise to allow better understanding of the potentials and limitations of smart mobility services in peripheral areas
- downstreaming approach is implemented in the pilot locations
- integration of latest research results to better understand to what extent smart mobility services can be implemented
- demonstrates transferability and value of innovative public transport services





## Technical index



## Coopetition index

Business  
and data

Infrastructure  
and supply

Market  
readiness

Market  
volume

Willingness to  
collaborate

Willingness to  
share data (MSP)

Willingness to  
share data (MSO)

Mode availability

Frequency and  
reliability

Quality

Modal share

Mobile internet  
access penetration

Willingness to pay  
online?

GDP

Total population

Early bird  
population ratio

Population density

## MaaS added value

Administration

Experience

Strategic documents

Action plan

Legislation and regulation

Experience in cooperation

Cross-border cooperation

Multimodal experience



# FEATURES

Code	Name	Answer	Result
TB01	Routing availability	yes	ready
		no	long
TB02	Vehicle position	yes, with available API	ready
		yes, with API to be developed	short
		no	long
TR03	Dynamic information	yes, with available API	ready
		yes, with API to be developed	short
		no	long
TR04	Dynamic planning	yes	ready
		no	long
TR05	Comfort services	yes	ready
		partially	short
		no	long
		not applicable	n/a
TB01	Booking availability	yes, but as closed system	short
		yes, with available API	ready
		no	long
		not applicable	n/a





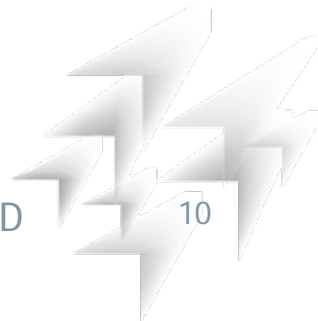
# FEATURES

Code	Name	Answer	Result
MR01	Strategic documents	aiming specifically at MaaS	ready
		aiming at smart mobility solutions	short
		aiming at seamless travelling	short
		nothing from these	long
MR02	Action plan	yes, it is present	ready
		partially, it is under preparation	ready
		not yet	long
MR03	Legislation and regulation	yes, it is present	ready
		partially, it is under preparation	ready
		not yet	long
MT01	Multimodal experience	yes, with trips	ready
		yes, only plan	short
		no	long
MB01	Experience in cooperation	yes, in regular operation	ready
		yes, only in pilot projects	short
		no	long



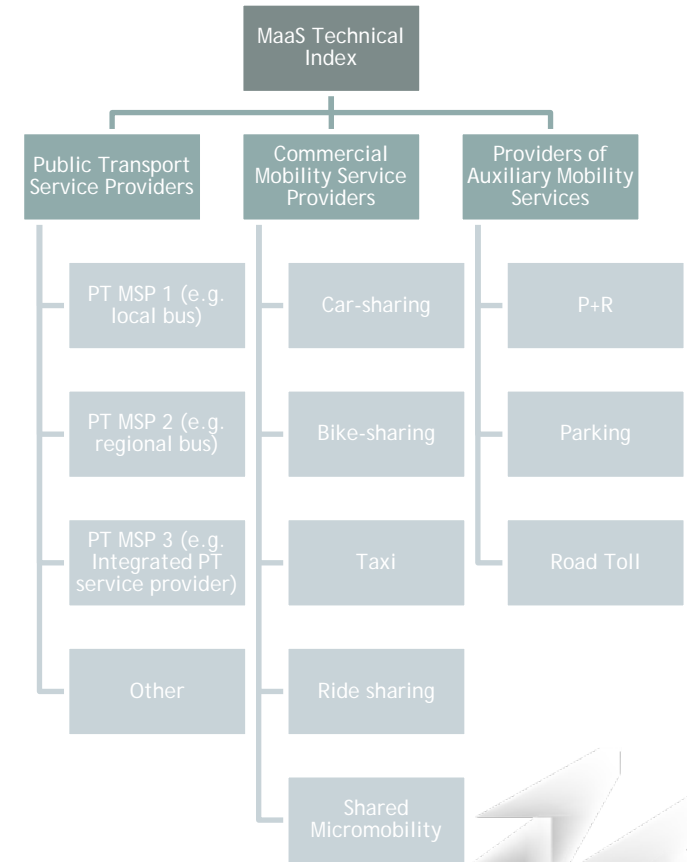
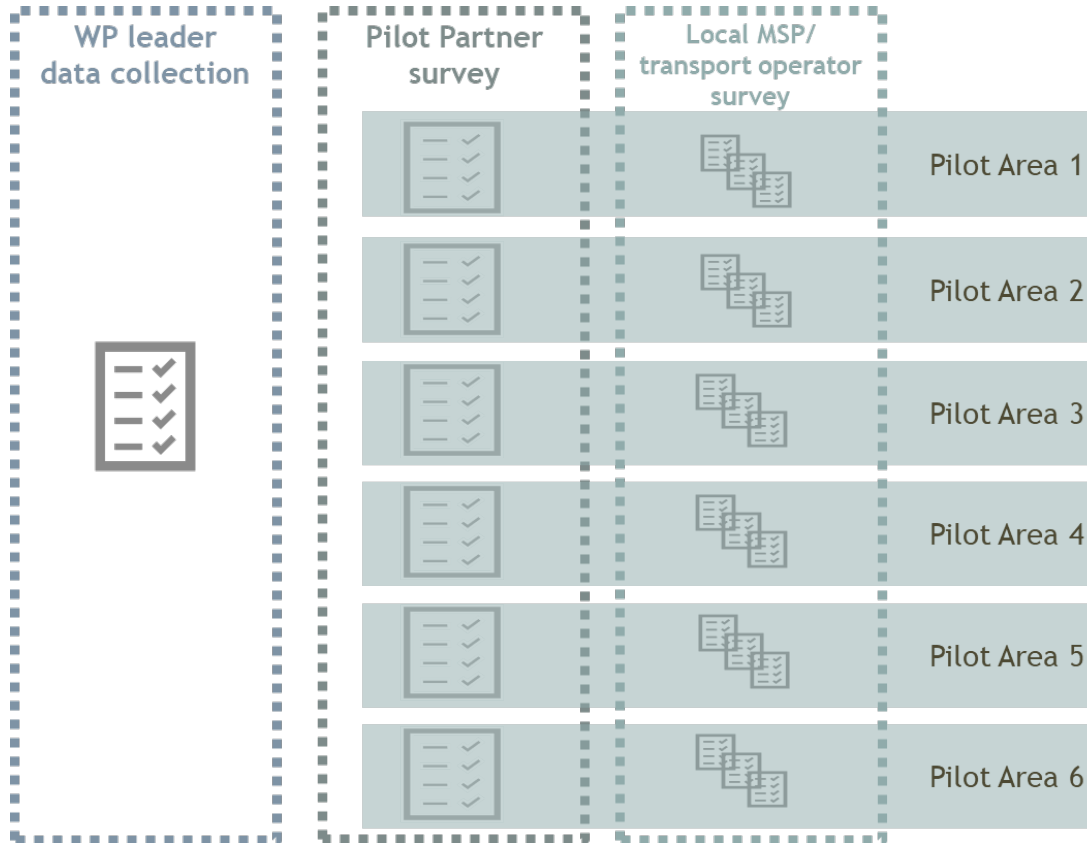
## Pilot plans

- Saxony-Anhalt: additional bus service
- Rottal-Inn: cross-border on-demand bus
- Wielkopolska: integrated online journey planner
- Osijek: multimodal journey planner
- South Bohemia: bus lines enhancing mobility
- Modena: flexible on-demand travel solutions



# DATA COLLECTION

## MaaS Readiness Index

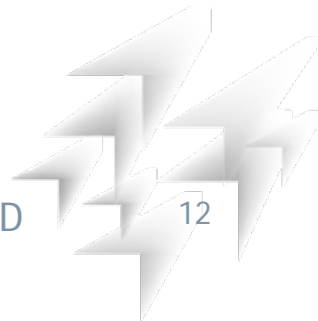


## Local surveys

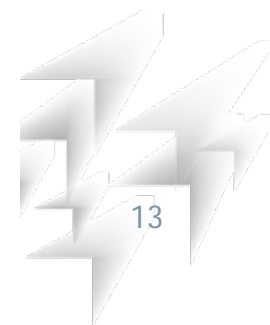
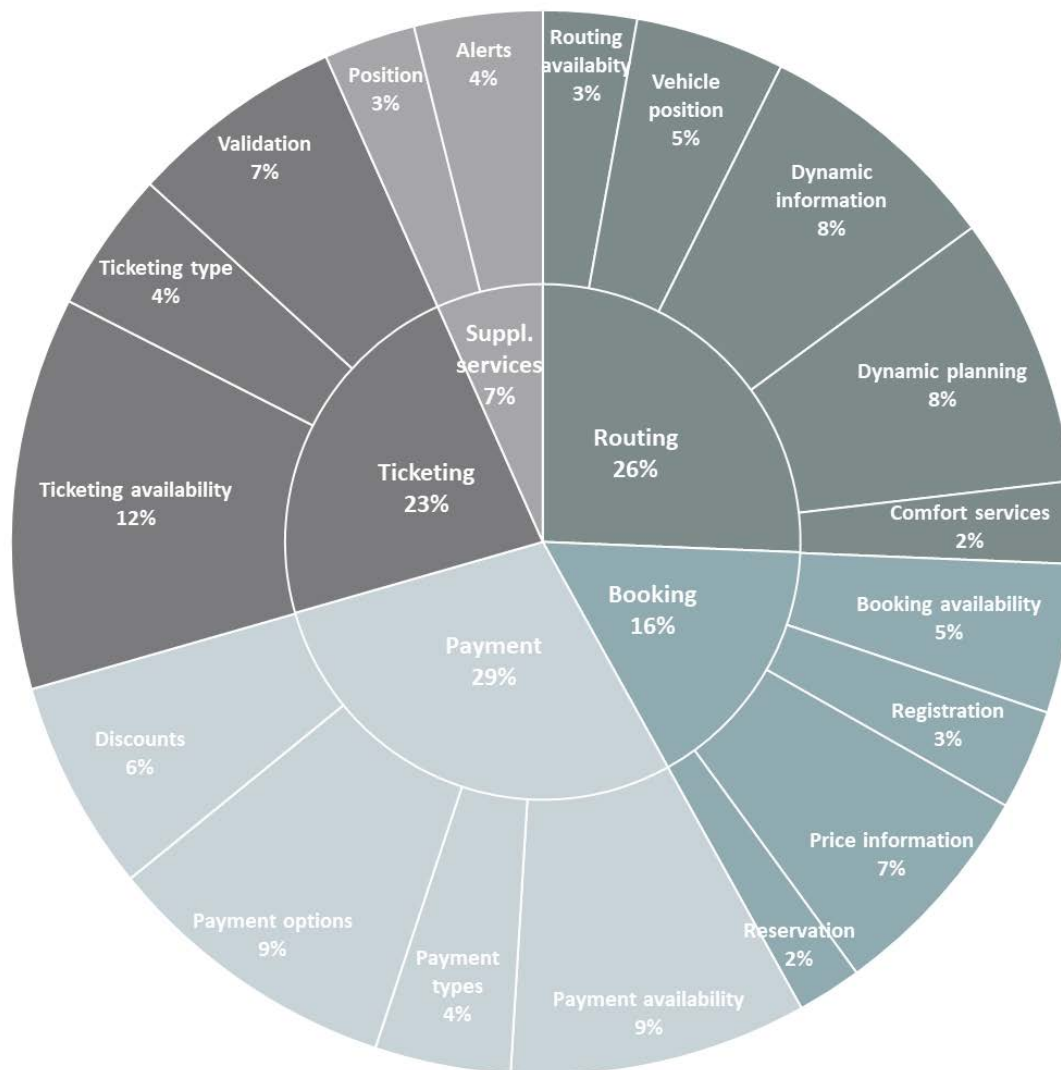
- 6 Pilot Partner survey
- 21 Mobility Service Provider survey
  - 14 public MSP
  - 7 private MSP

## Expert survey (for weighting the indicators)

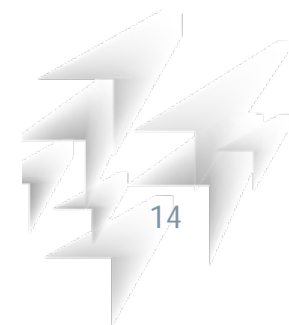
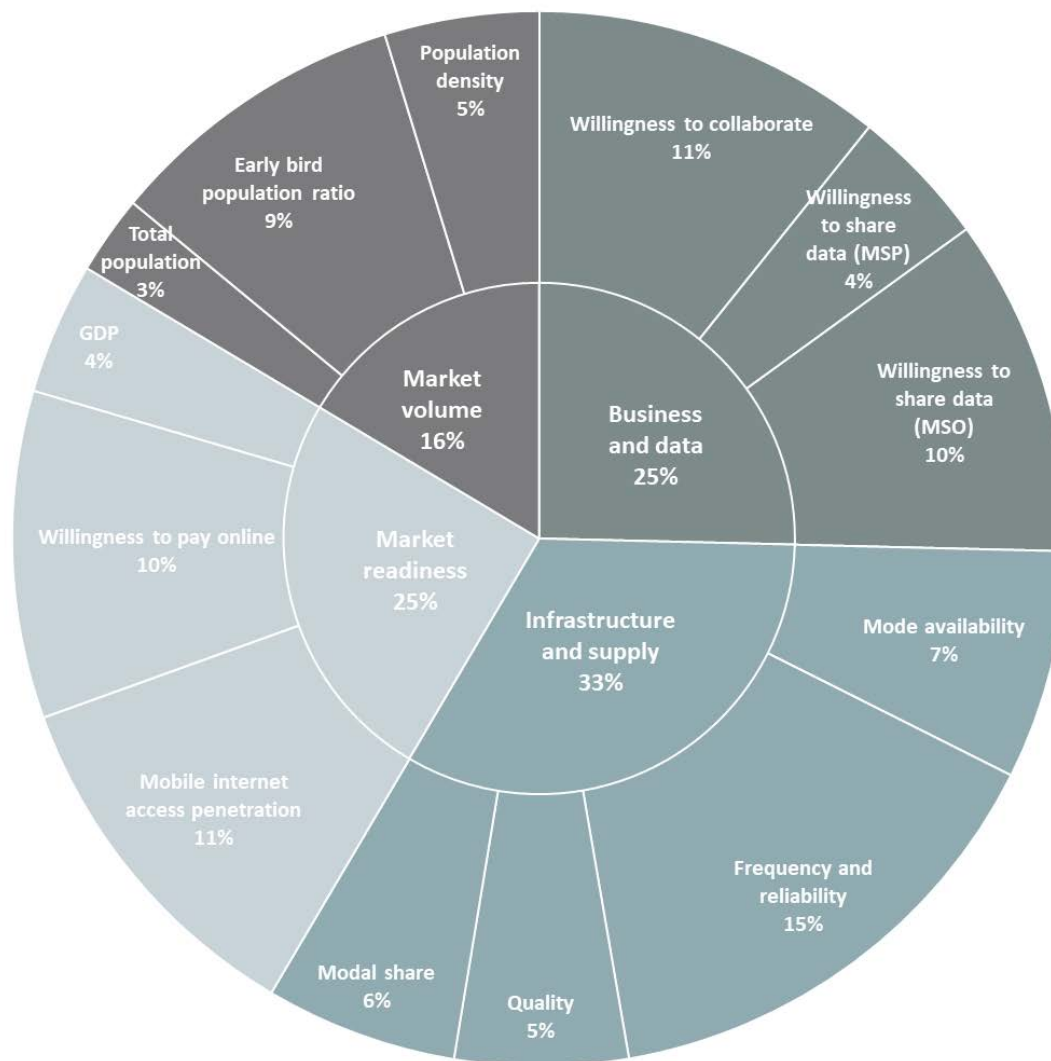
- authority representatives
- researchers
- practitioners in mobility planning
- MaaS experts



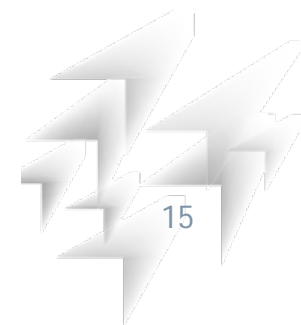
## Technical index weighting values



## Coopetition index weighting values



## Added value weighting values



# EVALUATION

## Before pilot

		Saxony	Rottal-Inn	Wielkopolska	Osijek	South Bohemia	Modena
Technical	ready	16%	19%	38%	83%	28%	66%
	short	51%	40%	39%	13%	38%	14%
	long	33%	41%	23%	4%	34%	20%
MaaS added value	ready	29%	85%	63%	49%	85%	64%
	short	29%	7%	7%	7%	15%	7%
	long	43%	8%	29%	44%	0%	29%
Coopetition		53%	52%	62%	56%	55%	60%

## After pilot

Technical	ready	16%	19%	53%	83%	28%	66%
	short	51%	40%	31%	13%	38%	14%
	long	33%	41%	16%	4%	34%	20%
MaaS added value	ready	49%	85%	85%	70%	85%	85%
	short	8%	15%	7%	7%	15%	7%
	long	43%	0%	8%	22%	0%	8%
Coopetition		57%	55%	62%	62%	59%	61%

		Willingness to collaborate	Cross-border cooperation	Dynamic information	Willingness to collaborate	Mode availability	Multimodal experience
		Multimodal experience	Willingness to collaborate	Position and Alerts	Experience in cooperation	Frequency and reliability	Willingness to collaborate
				Experience in cooperation	Willingness to share data (MSP)		



# PARTNERS



STAATSMINISTERIUM FÜR  
REGIONALENTWICKLUNG



Freistaat  
**SACHSEN**



**SAMORZĄD WOJEWÓDZTWA  
WIELKOPOLSKIEGO**



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