

# The Sustainable Urban Mobility Indicators (SUMI) project – helping European cities using WBCSD's SiMPLify tool

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# The SUMI project (12 2017 – 12 2019)

In Italy: Roma, Milano, Perugia

World Business Council for Sustainable Development

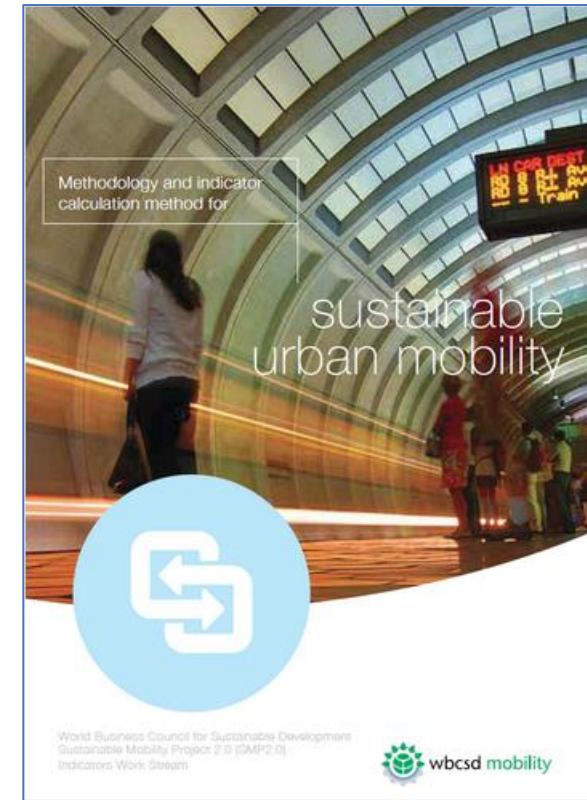


## Purpose of the project

- 1) provide **technical support** to ca. 50 urban areas to use WBCSD's indicator set
- 2) **collect hands-on experience** for the **improvement** of the indicator set
- 3) develop a **benchmarking add-on** to WBCSD's online calculator tool
- 4) Development of **recommendations** for the EC

## Current status:

- WBCSD indicators revised
- Definition of 13 core indicators
- Data collection in cooperating cities started in October 2018
- About to launch data procurement fund call



# List of indicators

Responsible for the revision and support

Only these will be used for benchmarking

No.	Indicator	Indicator mentor (organisation)	Core indicator	Comment
1	Affordability of public transport for the poorest group	UITP	✓	
2	Accessibility for mobility-impaired groups	Rupprecht	✓	
3	Air pollutant emissions	TRT	✓	
4	Noise hindrance	TRT	✓	
5	Fatalities	TML	✓	
6	Access to mobility services	TRT	✓	
7	Quality of public spaces	Polis		
8	Urban functional diversity	Polis		To be released within days
9	Commuting travel time	UITP		To be released within days
<del>10</del>	<del>Economic opportunity</del>	<del>Polis</del>	<del></del>	<del>Part of original WBCSD indicator set but not applied by SUMI.</del>
<del>11</del>	<del>Net public finance</del>	<del>TML</del>	<del></del>	<del>Part of original WBCSD indicator set but not applied by SUMI.</del>
12	Mobility space usage	Polis		
13	Emissions of GHG	TRT	✓	
14	Congestion and delays	TML	✓	
15	Energy efficiency	TML	✓	
16	Opportunity for active mobility	EUROCITIES	✓	
17	Multimodal integration	UITP	✓	
18	Satisfaction with public transport	Rupprecht	✓	
19	Security	EUROCITIES		To be released within days
20	Traffic safety active modes	ECF	✓	
	Modal split	TML		Not an indicator, but important input for the calculation of several indicators.

# Example of indicator data capture spreadsheet

Accessibility for persons with reduced mobility														
Parameter value		69,09%												
Indicator value		6,91												
Please fill in the blue cells. All other cells are static or are calculated automatically. It is advisable to fill this sheet from top to bottom.														
Section 1: Data about accessibility levels of ticket machines, vehicles and stops; differentiated by mode														
Train	All operators combined (if this data is available) or Operator 1		Operator 2 If not already covered in column B-C		Operator 3 If not already covered in column B-C		Operator 4 If not already covered in column B-C		Operator 5 If not already covered in column B-C		% Accessible			
	Total	# Accessible	Total	# Accessible	Total	# Accessible	Total	# Accessible	Total	# Accessible				
No. of ticketing machines & offices	50	33	21	21							76,1%			
No. of vehicles (with on-board signage)	90	81	77	55							81,4%	68,1%	Average across all vehicle features	
No. of vehicles (with on-board audio announcements)		70		44							68,3%			
No. of vehicles (with step free access)		44		30							44,3%			
No. of vehicles (with designated space provision, i.e. wide enough aisles)		81		50							78,4%			
	All operators		The details to the left about train stops/ stations should not be differentiated by operator. What matters is the combined accessibility level of all stations regardless of which or how many operators serve it.											
No. of stops (with audio announcements)	113	90									79,6%	64,0%	Average across all stop features	
No. of stops (with step free access to the station)		77									68,1%			
No. of stops (with step free access within the station)		50									44,2%			
											<b>69,4%</b>	= Average across acce		
Bus & Trolleybus	All operators combined (if this data is available) or Operator 1		Operator 2 If not already covered in column B-C		Operator 3 If not already covered in column B-C		Operator 4 If not already covered in column B-C		Operator 5 If not already covered in column B-C		% Accessible			
	Total	# Accessible	Total	# Accessible	Total	# Accessible	Total	# Accessible	Total	# Accessible				
No. of ticketing machines & offices	144	141									97,9%			
No. of vehicles (with on-board signage)	250	250	111	66	34						86,3%	77,6%	Average across all vehicle features	
No. of vehicles (with on-board audio announcements)		188		80							25			74,2%
No. of vehicles (with step free access)		145		80							20			62,0%
No. of vehicles (with designated space provision, i.e. wide enough aisles)		211		102							34			87,8%



# Benefits for cities

- ✓ support in determining the **current status of the city**
- ✓ **support in identifying areas** where additional action may be required
- ✓ **technical and financial assistance to find / gather data and to calculate indicators**
- ✓ **personal training and capacity building** for data collection
- ✓ free **analysis** of available data
- ✓ possibility to **shape the definition** of a common European urban mobility indicator set
- ✓ **peer-to-peer exchange** with cities of similar size and characteristics
- ✓ **visibility and recognition** as frontrunner in sustainable urban mobility indicators

**For more information about SUMI please contact**

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