

21. November 2018

#### SUITS Conference, Coventry

#### Sebastian Spundflasch, Ilmenau University of Technology





### **SUITS Project**



#### **SUITS Objective**

*"to increase the capacity of local authorities to develop and implement sustainable, inclusive, integrated and accessible transport strategies, policies, technologies, practices, procedures, tools, measures and intelligent transport systems that recognize the end-to-end travel experiences of all users and freight"* 



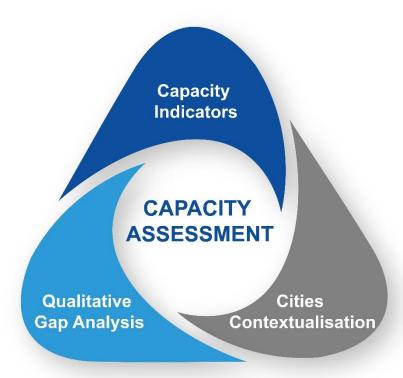




### **SUITS Capacity Assessment**



Triangulation Approach to assess the capacity of (small-to-medium) cities to plan and implement sustainable mobility measures





#### **SUITS Capacity Assessment**



## Analysis of gaps, barriers and enablers in the mobility measures development process in different workshops with the project cities



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#### The field of tension in the development of mobility measures





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Challenges that LA's have to face "internally"





### **Sustainability Thinking**





"If you want to build a ship, don't drum up people to collect wood and don't assign them tasks and work, but rather teach them to long for the endless immensity of the sea."

Antoine de Saint-Exupery https://www.brainyquote.com/quotes/antoine\_de\_saintexupery\_121261

Picture: http://ec.europa.eu/environment/europeangreencapital/news/events-archive2/sustainable-mobility-on-a-budget/





#### Challenges for LA's rearding internal organisation



- 1. Sustainability Thinking
- 2. Institutional Cooperation





#### Challenges for LA's rearding internal organisation

Local Authority HEALTH MOBILITY PLANNING TRAFFIC PLANNING CIVIL ENGINEERING

- 1. Sustainability Thinking
- 2. Institutional Cooperation
- 3. Systematic staff deployment and -development





#### Challenges for LA's rearding internal organisation

Local Authority HEALTH MOBILITY PLANNING TRAFFIC PLANNING CIVIL ENGINEERING

- 1. Sustainability Thinking
- 2. Institutional Cooperation
- 3. Systematic staff deployment and -development
- 4. Effective project management and monitoring





#### Challenges for LA's rearding internal organisation

- 1. Sustainability Thinking
- 2. Institutional Cooperation
- 3. Systematic staff deployment and -development
- 4. Effective project management and monitoring
- 5. Knowledge management / knowledge transfer







#### Challenges for LA's rearding internal organisation

HEALTH MOBILITY PLANNING TRAFFIC PLANNING CIVIL ENGINEERING

Local Authority

- 1. Sustainability Thinking
- 2. Institutional Cooperation
- 3. Systematic staff deployment and -development
- 4. Effective project management and monitoring
- 5. Knowledge management / knowledge transfer
- 6. Understanding and applying innovative financing methods



# Understanding and applying innovative financing methods









#### Challenges for LA's rearding internal organisation

- 1. Sustainability Thinking
- 2. Institutional Cooperation
- 3. Systematic staff deployment and -development
- 4. Effective project management and monitoring
- 5. Knowledge management / knowledge transfer
- 6. Understanding and applying innovative financing methods
- 7. Innovative Procurement

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Local Authority

MOBILITY PLANNING

> URBAN PLANNING

HEALTH

TRAFFIC PLANNING









#### Challenges for the development of sustainable mobility measures



8. Understanding political interests and affecting political decisions







- 8. Understanding political interests and affecting political decisions
- 9. Understanding legal and regulatory framework







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- 10. Citizen participation







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- 11. Estimating the feasibility and acceptance of measures







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- 12. Interaction and cooperation with business partners







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- 13. Identification and utilization of synergy effects







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- 13. Identification and utilization of synergy effects
- 14. Use of innovative technologies and data collection methods







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- 13. Identification and utilization of synergy effects
- 14. Use of innovative technologies and data collection methods
- 15. Application of research knowledge and adaption of Good Practice examples



#### **Validation of Challenges**



#### **Knowledge Interest**

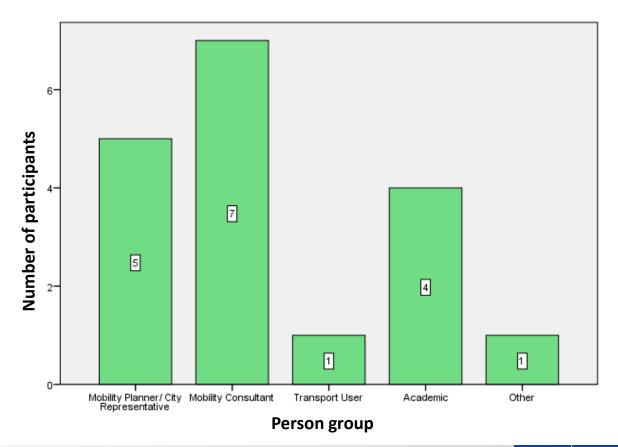
- General Importance of challenges
- Estimation how cities already cope with the Challenges
- Status on Training/Information Material available

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SUITS Project - Capacity Building Chall	enges for Sustainable Mobility Planning	1017	ð.
implement sustainable mobility. Working with our pro with in this process. We claim that increasing the o mobility can be reached by supporting them in these 1		ing in the planning and teness of the derived	
Please support us validating the challenges by partici	pating the short survey!	overall results may be	
Cities challenges in sustainable urban mobility planni	ng	rocedure at Coventry ther Professor Andree	
<ol> <li>Institutional cosperation Case cooperation between local and regional surfaceties and administrative bodies who are directly and indexetly involved in the development of sustainable mobility messore.</li> </ol>	8 Innovative procurement Consideration of sustainable principles in Procurement. Application of the new statisticity principles of our in the new direction (2014/21/LU) 2004/24/LU and 2014/21/LUI (2014/21/LUI) that have arisen as a result of the EU Procurement Reform.	survey. I am informed renommously, I agree	
<ol> <li>Interaction and cooperation with business partners Developing a process understanding of business partners' responsements and capabilities, to jointly taken sension according to the user needs and the cities local conditions.</li> </ol>	9 Understanding legal and regulatory framework Consideration of various legal and regulatory conditions which form the operational framework for the planking and imitianstation of reasons.		
Sites participation     The participation of citizens includes informing citizens and     involving them actively in planning processes.     4 Use of assurative technologies and data collection     methods	10 Systematic staff deployment and -development Systematic further development of personnel, Broadering staffs, Insurindge and distributes their allot arrong the winus projects. Dealing with compensations will be developed within the attrivisittation and what will be constructed.	tuer	tan mobility planning?
The wellingness to use increasing technologies, methods and tools for the effective and efficient collection of data and it's use for the planning and mentioning of mobility measures. 5 Application of research hierarchige and adaption of Good Fractice manples.	11 Enteresting the feasibility and acceptance of measures Try out of increative measures beforehand to get a better understreteling for sponsing problems and its be also to make productions for worksholding and acceptance.	pe of the city?	
Inspiration through research knowledge and good practice exervples and their application to individual problems, considering local context and framework conditions.	12 Sustainability thinking Archoring sustainability principles in the basic principles and the philosophy of the administration instantising and applying sustainability principles in mobility planning.	10 min 1	
6 Understanding political interests and affecting political deviations Assessing political model, cooperation with politicians and affecting political decisions through evidence and	<ol> <li>Effective project masagement and monitoring Critical review and continuous optimization of project masagement and monitoring processes.</li> </ol>	cities and #1	teir mobility planning
argument. 7 Understanding and applying innovative financing methods	14 Knowledge management / knowledge traveler Becoming a learning organization through enhancement and emblishment of surfamilies processes for knowledge	for cities when	4 5 N/A
identification, adaption and application of alternative-important financing methods for projects that	management/Involledge transfer.		
go beyond the usual funding methods.	15 Meetification and utilization of synergy effects     Recognizing and exploiting interactions between measures.	4 5 11/4	
9			
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7 Understar	ding and applying innovative financing methods		
	13 Effective project management and	monitoring	





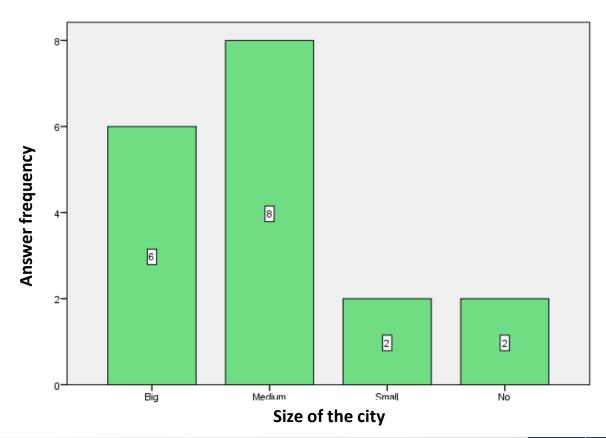
### Participants on the survey







### Size of the cities the participants have experiences with







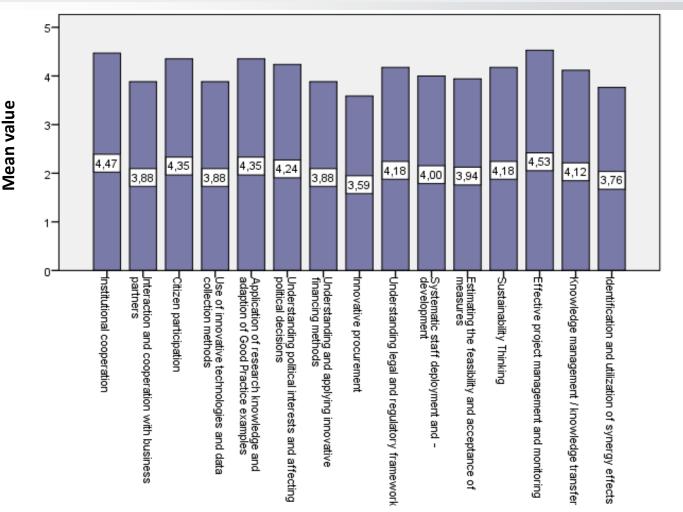
#### **Question 1**

From your experience, please rate the general importance of the following challenges for cities when planning and implementing sustainable mobility measures! Linkert Scale: 1 = not important at all 5 = very important





### **1. Importance of Challenges**

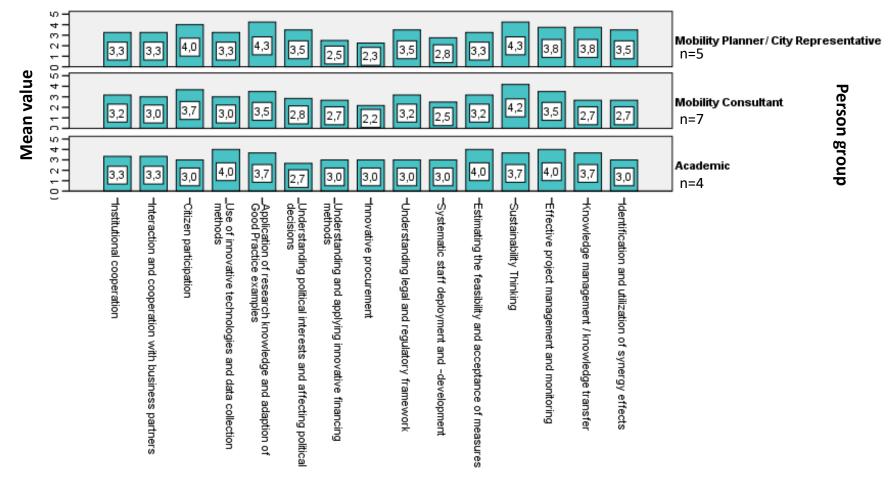


1 = not important at all 5 = very important



### **1. Importance of Challenges**





1 = not important at all 5 = very important



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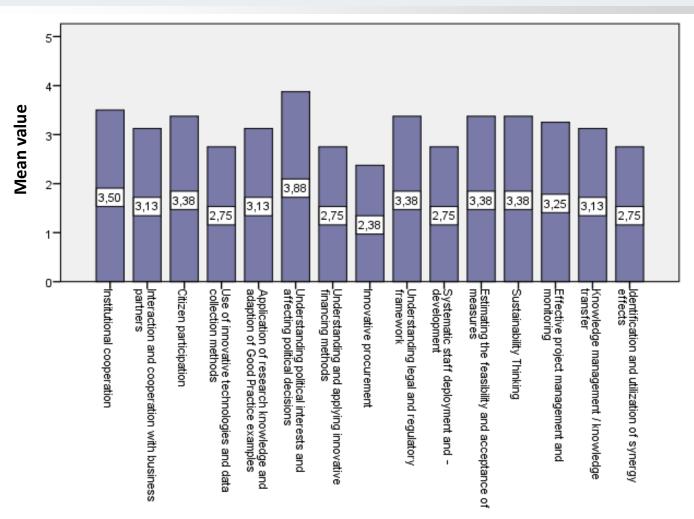


#### **Question 2**

How well you think, the city you indicated, cope with the individual challenges in their mobility planning activities? (Only if you have experiences with a concrete city or mobility planners) *Linkert Scale: 1 = poor performance 5 = strong performance* 



#### 2. Opinion on how cities cope with the challenges



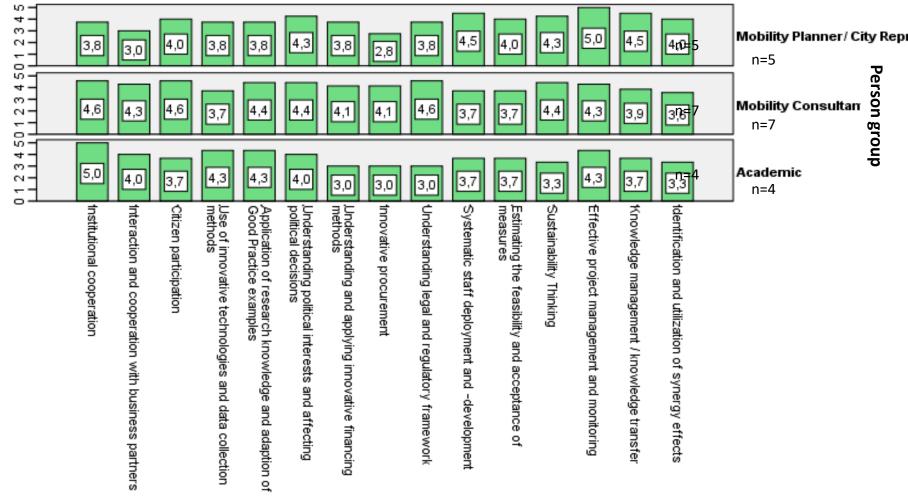
1 = poor performance 5 = strong performance



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## 2. Opinion on how cities cope with the challenges



1 = poor performance 5 = strong performance

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Mean value







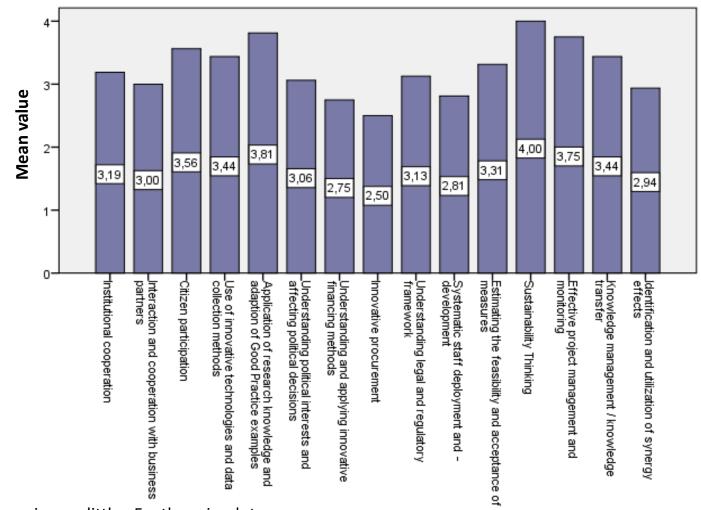
#### **Question 3**

Please rate from your experiences, to which extent there is knowledge and training material already available to address the individual challenges!

*Linkert Scale: 1 = there is very little 5 = there is a lot* 



#### 3. Materials available to address the Challenges



1 = there is very little 5 = there is a lot





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#### 5-4-3-Mobility Planner/ City Representative 2-4,0 n=5 3,0 3,3 3,0 3,0 3,0 3.0 3.0 3,0 3,0 3,0 2,3 2,3 2,3 1,8 1-**Mean value** 0-5-Person group 4-3-Mobility Consultant 2-1-3,5 3,0 3,0 3,5 3,0 3,0 3,0 3,0 3,0 n=7 3,0 2,5 2,5 2,0 2,0 2,0 0-5-4-3-2-Academic 5,0 5,0 4,0 4,0 4,0 4,0 4,0 4,0 4,0 4,0 4,0 4,0 3,0 3,0 3,0 n=4 1-0-Understanding political interests and affecting political decisions Innovative procurement Understanding legal and regulatory framework Knowledge management / knowledge transfer Identification and utilization of synergy effects Use of innovative technologies and data collection methods Application of research knowledge and adaption of Good Practice examples Understanding and applying innovative financing methods Institutional cooperation Interaction and cooperation with business partners Citizen participation Systematic staff deployment and -development Estimating the feasibility and acceptance of measures Sustainability Thinking Effective project management and monitoring

#### 3. Materials available to address the Challenges

1 = there is very little 5 = there is a lot





#### Thank you!

Sebastian Spundflasch

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European Platform on Sustainable Urban Mobility Plans



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