

TEACHING MATERIAL GUIDANCE

1. 1.eTitle of the material

Rise of a New Sustainable Urban Mobility Planning Paradigm in Local Governance: Does the SUMP Make a Difference?

<https://www.mdpi.com/2071-1050/13/11/5950>

2. Which section of the SUMP it is relevant to?

The material is dedicated for local governments and can help to understand the importance of formulating and implementing SUMP and its possible results. The material fits well with 12.1 milestones.

3. Which Mobility Manager knowledge this material is the most relevant to?

It is related to a. addressing of community transportation challenges (section 1a of the Mobility Manager competences).

4. Problem approached and content overview

The paper explores the institutional settings of and barriers to sustainable transport planning in cities of different sizes and how they reflect and implement the new planning paradigm in practice. The paper focuses on the conceptualization of the transport planning paradigm and its change toward a new, more sustainable praxis; it also discusses the main factors influencing the implementation of this new planning paradigm in cities. It introduces the methodology used and describes the data collection process using structured interviews and an online questionnaire survey among key stakeholders influencing transport planning in cities. The results of analyses containing main barriers to the sustainable mobility transition and transport planning processes at the local level, new governance models in cities with respect to the transition, and differences between cities with and without a SUMP are provided and discussed.

This paper explores the institutional settings of and barriers to sustainable transport planning in cities of different sizes and how they reflect and implement the new planning paradigm in practice.

The material shows a literature review, it identifies relevant theoretical concepts and develop a methodology for the data collection and analyses. It conducts a qualitative survey among key stakeholders in the field of sustainable urban mobility. Findings from the survey were discussed with the interviewees at a special workshop and further used to formulate research questions and to develop an electronic questionnaire, which was distributed to the largest Czech cities to obtain the opinions of the cities' representatives on the local praxis regarding strategic planning, public involvement, selection of transport measures and their ex-ante and ex-post evaluation.

A qualitative analysis of interviews with the stakeholders provided a picture of the praxis in transport planning, the roles of different stakeholders in the whole process and the main barriers to further transition toward sustainable mobility in Czech cities. Basing on



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analysis, the material focuses on identification of the main barriers to sustainable mobility planning during the three phases of the planning cycle: planning, implementation, and evaluation.

5. Who could be interested in this material?

Students who are looking for:

- overall information about SUMP importance in transport development and need for sustainable transport planning,
- possible difficulties in formulating SUMP,
- example (from Czech cities) of approach to formulating SUMP,
- example of evaluation of the seriousness of barriers to sustainable mobility.

6. What is worth mentioning as an innovative factor for the reader?

The material summarize the importance of formulating and implementing SUMP and sustainable transport planning, basing on reliable example.

7. Limitations

Not noticed. The material is clearly written and can help in formulating, implementing and controlling sustainable urban mobility plans. The material allows for a wide expansion of knowledge thanks to references to many broader studies.

