

## TEACHING MATERIAL GUIDANCE

### 1. Title of the material

#### *Integration of shared mobility approaches in Sustainable Urban Mobility Planning*

[https://www.eltis.org/sites/default/files/integration\\_of\\_shared\\_mobility\\_approaches\\_in\\_sustainable\\_urban\\_mobility\\_pl.pdf](https://www.eltis.org/sites/default/files/integration_of_shared_mobility_approaches_in_sustainable_urban_mobility_pl.pdf)

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

The material is dedicated for local governments and can help in formulating, implementing and controlling sustainable urban mobility plans. The material fits well with 4.1.

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

It is related to development of sustainable urban mobility plans (section 2 of the Mobility Manager competences). The report has also a direct reference to Section 1f (strategic planning and public administration involvement).

### 4. Problem approached and content overview

The document provides guidance on a specific topic related to Sustainable Urban Mobility Planning (SUMP). It is based on the concept of SUMP, as outlined by the European Commission's Urban Mobility Package and described in detail in the European SUMP Guidelines (second edition).

This document is part of a compendium of guides and briefings that complement the newly updated second edition of the SUMP Guidelines. They elaborate difficult planning aspects in more detail, provide guidance for specific contexts, or focus on important policy fields. Two types of documents exist: While 'Topic Guides' provide comprehensive planning recommendations on established topics, 'Practitioner Briefings' are less elaborate documents addressing emerging topics with a higher level of uncertainty.

Car traffic in cities produces significant impacts: air pollution and noise emissions, traffic accidents, congestion and competition for land use are the consequences. Car ownership is one of sever factors of determining mobility patterns and should be addressed in long term policies. In search of space-saving, sustainable transport solutions, the linkage of existing infrastructures with new mobility services is becoming increasingly important. In this light numerous sharing concepts have emerged in recent years, which have been developing dynamically ever since. Some sharing concepts – esp. station-based car sharing - address alternatives to car ownership in order to reduce the space consumption, but others serve rather as an additional mobility option to get around: free floating car sharing and public bike rental systems, newer phenomena in the form of e-Scooter sharing and e-Moped sharing, on-demand mobility concepts (ride hailing and ride sharing) as well as the shared transport of goods (freight transport).

As one of the most important players, municipalities should perceive and promote the potential of sharing modes as an ecologically component within the urban mobility



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system as well as benefit from the positive effects. In this context, clear municipal policy objectives towards sustainable mobility and the active perception of existing options for action are indispensable. The most essential requirement is a policy that is no longer car focussed but sees the wider range of mobility. This includes as well new developments where e.g. car sharing can give an alternative to car ownership – reducing the needs for providing car parking space. This involves, among other things, providing space for new offers (including checking whether and to what extent areas reserved for the individual motorized traffic can be reduced), implementing regulations (in particular for free-floating systems) in order to guarantee the reliability and spatial availability of the sharing systems.

Control options for the municipalities are already available within the framework of the Sustainable Urban Mobility Plan (SUMP). SUMP is the central instrument that can ensure that desired effects are achieved. For this reason, all innovative mobility offers should already be examined and taken into consideration during the preparation of a SUMP, both on the strategy and on the measure level. It is also necessary to understand the impacts and potential of the various forms of shared mobility.

The following brochure concentrates in particular on sharing services and the starting points for municipalities within a SUMP. It shows the steps in sustainable urban mobility planning when particular planning aspects must be taken into account while integrating sharing modes.

### 5. Who could be interested in this material?

Students who are looking for:

- aspects of shared mobility integration and the challenges it faces,
- SUMP planning in the context of shared mobility with steps description,
- examples of shared mobility in cities and ways to implement them in other cities,
- success factors and potential of shared mobility for urban transport,
- ways of promoting and supporting shared mobility.

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

The material focuses on chances that gives shared mobility with its all benefits and difficulties. It covers many aspects of shared mobility operation and management.

### 7. Limitations

Not noticed. The material is clearly written and can help in formulating, implementing and controlling sustainable urban mobility plans in terms of shared mobility.

