

## TEACHING MATERIAL GUIDANCE

### 1. Title of the material

*TU Dresden, Chair of Transport Ecology: Introduction and tautology of transport ecology*

*Link*

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

The material gives an introduction to transport ecology and the tautology of transport ecology, among others the differences between mobility and traffic. Therefore it covers for one thing the preparation part of the SUMP cycle, especially part 2.1 “assess planning requirements and define geographic scope” and secondly the analysis of the mobility situation (3.1 “identify information sources and cooperate with data owners”). Furthermore the topic is important when developing scenarios of potential futures (4.1) and selecting measure packages with stakeholders (part 7). As the tautology of transport ecology is a possible evaluation method, the topic especially fits into part 11 of the SUMP cycle (part 11).

### 3. Problem approached and content overview

The presentation introduces the topic of transport ecology, especially the tautology of transport ecology. First of all the answer to the question: “What do we actually want, mobility or transport?” is derived. The differences between the terms “mobility” and “traffic” are defined. In the second part, the method of the tautology of transport ecology is introduced as a possible evaluation tool.

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

The material is especially for lecturers at universities for an introduction into the topic of the tautology of transport ecology. It can also be used for showing mobility practitioners and policy makers for getting an idea on the topic and keeping this in mind when planning and evaluating different mobility measures.

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

The topic “tautology of transport ecology” is introduced in a short and clear way. Illustrative pictures and graphics make it easy to understand the problem. Furthermore some examples show how to evaluate a measure with the help of the tautology of transport ecology.

### 6. Limitations

The material gets quickly into the topic, which presupposes that the lecturer has dealt well with the topic and the calculation example beforehand. Otherwise for topic newcomers it gives important suggestions to the topic of the tautology of transport ecology including examples on calculations.



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