



SUMPS-UP

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Data collection as the backbone of SUMP

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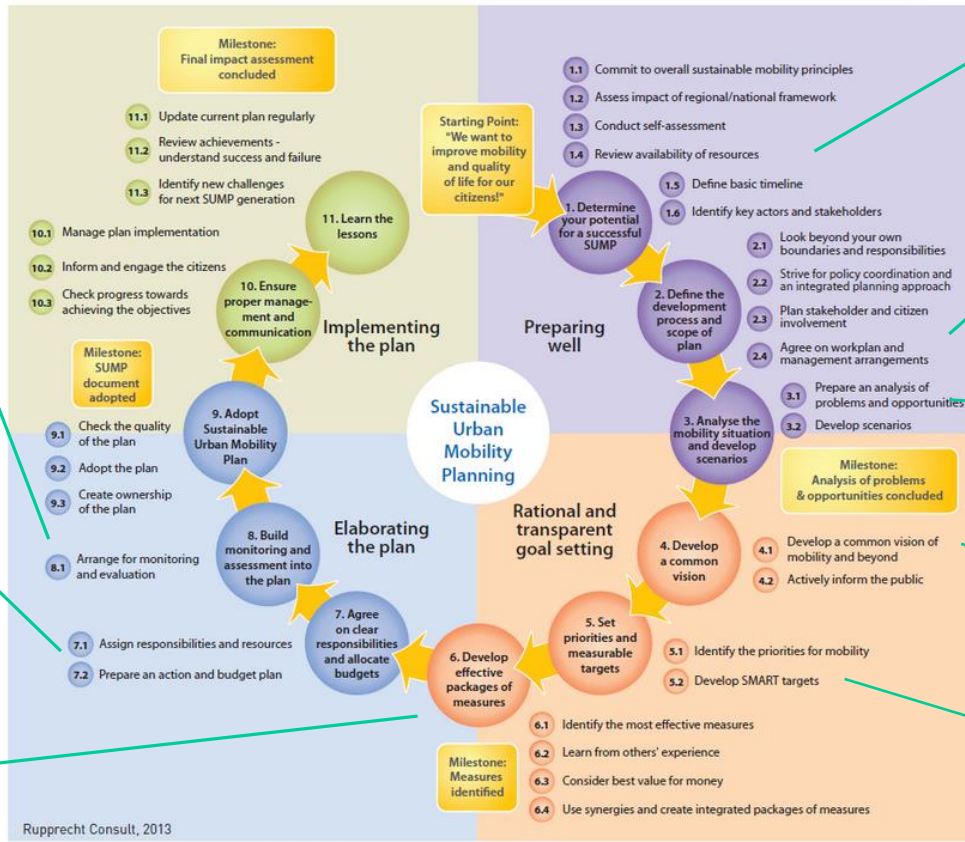
20/02/2019 10:00 – 11:30 CET

The overall SUMP process

Monitoring & evaluation

Action Plan & time frame

Measures & measure packages



Self-assessment

Stakeholder involvement

Analysis of mobility situation

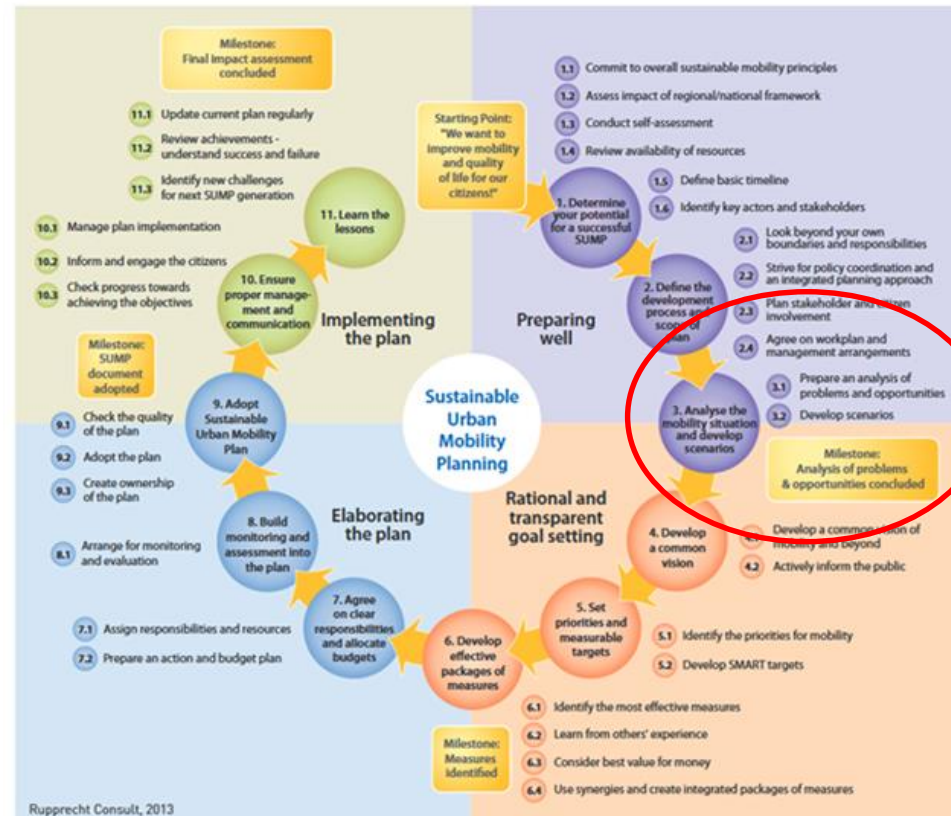
Vision

SMART targets & priorities

Analysing the mobility situation

In order to know where you want to go and how you're going to get there, you first need to know where you currently are standing.

PLANNING CYCLE FOR A SUSTAINABLE URBAN MOBILITY PLAN



Analysing the mobility situation

When analysing the mobility situation you need to:

- Understand the local mobility situation: problems & opportunities
- Analyse the existing transport and related strategies
- Collect and process data



problems



opportunities

Analysing the mobility situation

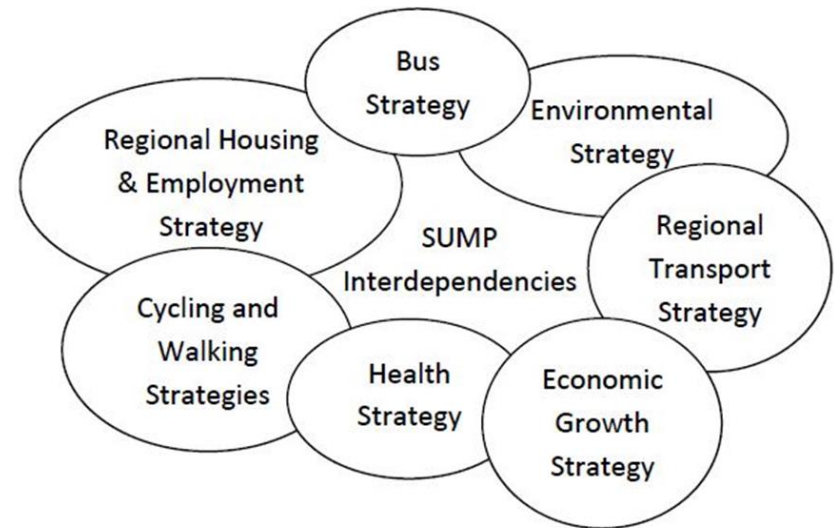
- In order to get a clear picture of the current status of mobility in a city, data from **multiple sources** - much of which is often very fragmented - needs to be put together.
- However, if there is a **lack of data or resources** to gather data to fill information gaps, a more **qualitative review** can be used.
- Overall, the goal is to create a coherent picture which describes what **is going on** and **which problems** are related to each other.



Analysing the mobility situation

Steps of the analysis

1. Identify and analyse the key planning documents, procedures and policies relevant to your local planning process. Where useful, the planning process can build on available plans and strategies.



Analysing the mobility situation

Steps of the analysis

2. Identify all available data and assess their quality and accessibility and secure coverage of data requirements for the SUMP.

Keep in mind the data requirements e.g. for scenario building, measure selection and monitoring and evaluation.



Image: eltis.org

Analysing the mobility situation

Steps of the analysis

3. Retrieve available data, synthesize their content and collect additional data to fill important gaps in your data. Data can be collected by a variety of means.

4. Choose the most appropriate indicators to describe the status of transport and mobility in your city



Image: Harry Schiffer/eltis.org

Analysing the mobility situation

Steps of the analysis

5. Identify **possible expected and unexpected events** that would require **strengthening the resilience** of the urban transport system.

6. Together with the key stakeholders, prepare a **baseline analysis** to identify and prioritise key problems to be addressed by the plan. The current status of mobility and transport **should be quantified** as much as possible.



Data collection for SUMP

- Mobility planning relies on availability of **accurate data** together with robust **modelling techniques**. The accuracy and completeness of **Transport Data** is essential. Often, data gaps and limited ability to use transport demand models could lead to a difficult momentum in Data collection and analysis.
- Data can be distinguished according to the **type of collection** e.g., consider whether additional methods are needed?
 1. Origin/Destination surveys
 2. Journey time surveys
 3. Traffic counts
 4. Public transport counts
 5. Car park counts, etc.
 6. Crowdsourced data

Data collection for SUMP

- Data is to be found in a wide range of locations and often requires **sharing of resources across a number of internal and external organisations.**
- **Confidentiality of data** can create friction or unwillingness to cooperate among partners (eg. public transport data).
- **All modes of transport should be considered**, including pedestrians and cycling trips. There is always **a risk in ignoring short and non-motorised trips**, even though average trip lengths and walk mode share represent an important land use indicator.



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Key recommendations

- **High quality of data** obtained, its **reliability and accuracy** will produce a high quality SUMP.
- A **mixture of qualitative and quantitative data** is needed in order to support the development of the SUMP.
- **New ways to collect** data e.g. crowd sourcing, mobility apps should be explored
- Innovative ways **to analyse and present data** should be used.
- **Baseline developed** against which progress can be measured.



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Key recommendations



Image: Payscale.com

- Following the SUMP slogan “planning for people” **the citizens should be in focus**, not the vehicles, also taken into account in data collection
- **Involve all relevant stakeholders** in data collection and processing.
- In order to gain consensus at a large scale of urban mobility issues and problems and while interacting with key stakeholders, **data should be used as a key factor for proper argumentation.**

More information

More useful information about analysing the mobility situation and data collection in:

- **Mobility Academy**
<https://www.mobility-academy.eu/course/view.php?id=104>
- **SUMP guidelines**,
<http://www.eltis.org/guidelines/sump-guidelines>



The screenshot displays the Mobility Academy website interface. The top navigation bar includes 'MOBILITY ACADEMY' and several menu items: 'COURSES BY TOPIC', 'COURSES BY PROJECT', 'THE SUMP SELF-ASSESSMENT', 'ABOUT THE ACADEMY', and 'SUMP (P)', along with a language selector 'En (en) (current) (fr) (de)'. The main content area lists three courses:

- SUMP foundation course**: A introductory course for those unfamiliar with the SUMP process.
- Course 1: Preparing for SUMP and analysis of the mobility situation**: Focuses on the initial phase of the SUMP cycle, providing advice on understanding the local, regional, and national framework.
- Course 2: Co-creating the SUMP vision**: Emphasizes the importance of co-creating the process and plan with different stakeholders.
- Course 3: SUMP as a strategic plan with measurable targets**: Focuses on the final phase of the SUMP process, detailing SMART targets and integration with other sectors.

Overlaid on the bottom right is the cover of the 'Sustainable Urban Mobility Plans' guidelines. The cover features the title 'Planning for People' and 'SUSTAINABLE URBAN MOBILITY PLANS'. It includes a photograph of a busy city street with a tram and pedestrians. The text on the cover reads: 'GUIDELINES DEVELOPING AND IMPLEMENTING A SUSTAINABLE URBAN MOBILITY PLAN'. Logos for 'Intelligent Energy Europe' and the website 'www.mobilityplans.eu' are also present.

Thank you !

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