Sustainable Urban Mobility Plans: Concept, process, content & benefits

Rob Jeuring
Is the increase of car traffic a natural law?

- Like a sunrise or a sunset
- Or like an earthquake
- No it isn’t
- But we have to reconsider if it is "normal" to plan for machines instead of citizens and their children
- It happens so often that the citizens in many European cities have accepted it as “normal”
What will happen?

2015

2030
What is the difference between an UMP and a SUMP?

• It is the **SUSTAINABLE**

• To plan a city where we, our children and their children want to live in
European Platform on Sustainable Urban Mobility Plans

- Strategic plan
- Mobility needs of people and businesses
- Cities and their surroundings
- Builds on existing planning practices
- Integration of different departments
- Participation elements
- Evaluation – value for money
- Goal setting
Purpose of the SUMP

Create a sustainable urban mobility system!

- Ensure the accessibility offered by the transport system is available to all
- Improve safety and security
- Reduce air and noise pollution, greenhouse gas emissions and energy consumption
- Improve the efficiency and cost-effectiveness of the transportation of persons and goods
- Contribute to enhancing the attractiveness and quality of the urban environment and urban design
The policies and measures defined in a Sustainable Urban Mobility Plan cover **all modes and forms of transport in the entire urban agglomeration**, including public and private, passenger and freight, motorised and non-motorised, moving and parking.

Similar analogies?
→ Push vs Pull Systems
→ How about the four step model (Trip generation, Trip distribution, Mode choice, Route assignment) or other models?
SUMP - Approach characteristics

- Status analysis and baseline scenario
- Definition of a vision, objectives and targets
- Selection of policies and measures
- Assignment of responsibilities and resources
- Arrangements for monitoring and evaluation

A participatory approach
A pledge for sustainability
An integrated approach
A review of transport costs and benefits
A method comprising the following tasks:
The SUMP Cycle

European Platform on Sustainable Urban Mobility Plans

- **Precondition**
  - **Starting Point:** "We want to improve mobility and quality of life for our citizens!"
- **Implementing the plan**
  - **Implementing action fields**
    - Milestone: SUMP document adopted
  - **Elaborating the plan**
    - Milestone: Measures identified
  - **Organisation**
    - Milestone: Measures defined
- **Preparing well**
  - **Vision & strategy**
    - Milestone: Analysis of problems & opportunities concluded
  - **Rational and transparent goal setting**
    - Milestone: Develop a common vision
  - **Sustainable Urban Mobility Planning**
    - Milestone: Develop effective packages of measures
  - **Develop effective packages of measures**
  - **Set priorities and measurable targets**
  - **Elaborate effective and sustainable visions**
  - **Develop a common vision**
  - **Develop the development process and scope of plan**
  - **Analyze the mobility situation and develop scenarios**
  - **Ensure proper management and communication**
  - **Ensure proper management and communication**
  - **Learn the lessons**
  - **Determine your potential for a successful SUMP**

**Milestones:**
- Final impact assessment concluded
- SUMP document adopted
- Measures defined
- Analysis of problems & opportunities concluded
Element 1: Determine your potential for a successful SUMP!

1.1 Commit to overall sustainable mobility principles
1.2 Assess impact of regional/national framework
1.3 Conduct self-assessment
1.4 Review availability of resources
1.5 Define basic timeline
1.6 Identify key actors and stakeholders
Element 2: Define the development process and scope of plan

2.1 Look beyond your own boundaries and responsibilities
2.2 Strive for policy coordination and an integrated planning approach
2.3 Plan stakeholder and citizen involvement
2.4 Agree on workplan and management arrangements

Element 3: Analyse the mobility situation and develop scenarios

3.1 Prepare an analysis of problems and opportunities
3.2 Develop scenarios
Rational and transparent goal setting

Element 4: Develop a common vision

4.1 Develop a common vision of mobility and beyond
4.2 Actively inform the public

Element 5: Set priorities and measurable targets

5.1 Identify the priorities for mobility
5.2 Develop SMART targets
Element 6: Develop effective packages of measures

6.1 Identify the most effective measures
6.2 Learn from others’ experience
6.3 Consider best value for money
6.4 Use synergies and create integrated packages of measures
Elaborating the plan

Element 7: Agree on clear responsibilities and allocate funding

7.1 Assign responsibilities and resources
7.2 Prepare an action and budget plan

Element 8: Build monitoring and assessment into the plan

8.1 Arrange for monitoring and evaluation
Element 9: Adopt Sustainable Urban Mobility Plan

9.1 Check the quality of the plan
9.2 Adopt the plan
9.3 Create ownership of the plan
Implementing the plan

Element 10: Ensure proper management and communication (when implementing the plan)

10.1 Manage plan implementation
10.2 Inform and engage the citizens
10.3 Check progress towards achieving the objectives

Element 11: Learn the lessons

11.1 Update current plan regularly
11.2 Review achievements – understand success failure
11.3 Identify new challenges for next SUMP generation
Thank you!

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