Guidelines for Sustainable Urban Mobility Planning – The second edition

Groningen, 17 June 2019

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We proudly present:

Guidelines for Developing and Implementing a Sustainable Urban Mobility Plan, 2nd Edition

- 10 authors, 12 reviewers, over 200 stakeholders
- started 1 year ago
- Draft for feedback at this conference!
- Final version at CIVITAS Conference, Graz, 2 Oct 2019
The principles of Sustainable Urban Mobility Planning

Plan for sustainable mobility in the entire 'functional city'
The principles of Sustainable Urban Mobility Planning

Cooperate across institutional boundaries
The principles of Sustainable Urban Mobility Planning

Involve citizens and stakeholders
The principles of Sustainable Urban Mobility Planning

Assess current and future performance
The principles of Sustainable Urban Mobility Planning

Define a long-term vision and a clear implementation plan
The principles of Sustainable Urban Mobility Planning

Develop all transport modes in an integrated manner
The principles of Sustainable Urban Mobility Planning

Arrange for monitoring and evaluation
The principles of Sustainable Urban Mobility Planning

Assure quality
The principles of Sustainable Urban Mobility Planning

Plan for **sustainable mobility** in the entire 'functional city'

**Cooperate** across institutional boundaries

Involve **citizens** and **stakeholders**

Assess current and future **performance**

Define a long-term **vision** and a clear **implementation** plan

Develop all transport **modes** in an **integrated** manner

Arrange for **monitoring** and **evaluation**

Assure **quality**
The 12 Steps of Sustainable Urban Mobility Planning (SUMP 2^{nd} edition)

- Implementation and monitoring
- Preparation and analysis
- Sustainable Urban Mobility Planning
- Measure planning
- Strategy development

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The 12 Steps of Sustainable Urban Mobility Planning (SUMP 2\textsuperscript{nd} edition)

1. Set up working structures
2. Determine planning framework
3. Analyse mobility situation

Milestone:
Decision to prepare a SUMP

Milestone:
Analysis of problems and opportunities concluded

Preparation and analysis

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The 12 Steps of Sustainable Urban Mobility Planning (SUMP 2\textsuperscript{nd} edition)

1. Set up working structures
   - 1.1 Evaluate capacities and resources
   - 1.2 Create inter-departmental core team
   - 1.3 Ensure political and institutional ownership
   - 1.4 Plan stakeholder and citizen involvement

2. Determine planning framework
   - 2.1 Assess planning requirements and define geographic scope (‘functional urban area’)
   - 2.2 Link with other planning processes
   - 2.3 Agree timeline and work plan
   - 2.4 Consider getting external support

3. Analyse mobility situation
   - 3.1 Identify information sources and cooperate with data owners
   - 3.2 Analyse problems and opportunities (all modes)

Milestone: Decision to prepare a SUMP

Milestone: Analysis of problems and opportunities concluded

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What's new?

- **links** with other planning processes
- **external** support
- **data** owners/ sources
- **restructured**, but still parallel activities

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**Strategy development**

4. Build and jointly assess scenarios

5. Develop vision and objectives with stakeholders

6. Set indicators and targets

**Milestone:**
Vision, objectives and targets agreed
The 12 Steps of Sustainable Urban Mobility Planning (SUMP 2\textsuperscript{nd} edition)

**Strategy development**

- **4. Build and jointly assess scenarios**
  - 4.1 Develop scenarios of potential futures
  - 4.2 Discuss scenarios with citizens and stakeholders

- **5. Develop vision and objectives with stakeholders**
  - 5.1 Agree common vision of mobility and beyond
  - 5.2 Co-create objectives for all modes with stakeholders

- **6. Set indicators and targets**
  - 6.1 Identify indicators for all objectives
  - 6.2 Agree measurable targets

**Milestone:**
Vision, objectives and targets agreed
The 12 Steps of Sustainable Urban Mobility Planning (SUMP 2\textsuperscript{nd} edition)

What's new?

- \textbf{clearer order:}
  - scenarios
  - vision
  - objectives
  - indicators
  - targets

- \textbf{measures} moved to next phase

Milestone:
Vision, objectives and targets agreed

Strategy development

4. Build and jointly assess scenarios

What are our options for the future?

5. Develop vision and objectives with stakeholders

What kind of city do we want?
How can we reach our common goals?

6. Set indicators and targets

How will we determine success?
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Milestone: Decision to prepare a SUMP

Milestone: Vision, objectives and targets agreed

Milestone: Analysis of problems and opportunities concluded

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9. Prepare for adoption and financing

8. Agree actions and responsibilities

7. Select measure packages with stakeholders

Milestone: Sustainable Urban Mobility Plan adopted

Measure planning
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Milestone: Sustainable Urban Mobility Plan adopted

9. Prepare for adoption and financing
   9.1 Finalise and assure quality of 'Sustainable Urban Mobility Plan' document
   9.2 Develop financial plans and agree cost sharing

8. Agree actions and responsibilities
   8.1 Describe all actions
   8.2 Estimate costs and identify funding sources
   8.3 Agree priorities, responsibilities and timeline
   8.4 Ensure wide political and public support

7. Select measure packages with stakeholders
   7.1 Create and assess long list of measures with stakeholders
   7.2 Define integrated measure packages
   7.3 Plan measure monitoring and evaluation

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The 12 Steps of Sustainable Urban Mobility Planning (SUMP 2nd edition)

What's new?

- clearer division between strategic and measure planning
- evaluation planning earlier
- clearer process
  - long list of measures
  - assessment leading to short list of measures
  - measure integration into packages
  - detailed assessment to validate packages
  - action planning
  - detailed cost estimates
  - priority & responsibility assignment
  - financial planning
  - SUMP finalisation

Milestone: Sustainable Urban Mobility Plan adopted

- Who will pay? Are we ready to go?
- Who will do what? What will it take? Do we have support?
- What concretely, will we do?

Measure planning

9. Prepare for adoption and financing
8. Agree actions and responsibilities
7. Select measure packages with stakeholders
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Milestone: **Vision, objectives and targets agreed**

Milestone: **Analysis of problems and opportunities concluded**

Milestone: **Decision to prepare a SUMP**

Milestone: **Sustainable Urban Mobility Plan adopted**
The 12 Steps of Sustainable Urban Mobility Planning (SUMP 2nd edition)

Implementation and monitoring

Milestone: Measure implementation evaluated

12. Review and learn lessons

11. Monitor, adapt and communicate

10. Manage implementation

Implementation and monitoring
The 12 Steps of Sustainable Urban Mobility Planning (SUMP 2nd edition)

What's new?

- new step 10: Manage plan implementation
  - procurement
  - coordination
- adaptations of plan based on monitoring results
The 12 Steps of Sustainable Urban Mobility Planning (SUMP 2nd edition)

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   - 9.2 Develop financial plans and agree cost sharing

10. Manage implementation
    - 10.1 Coordinate implementation of actions
    - 10.2 Procure goods and services

11. Monitor, adapt and communicate
    - 11.1 Monitor progress and adapt
    - 11.2 Inform and engage citizens and stakeholders

12. Review and learn lessons
    - 12.1 Analyse successes and failures
    - 12.2 Share results and lessons learned
    - 12.3 Consider new challenges and solutions

Milestone: Vision, objectives and targets agreed
Milestone: Sustainable Urban Mobility Plan adopted
Milestone: Decision to prepare a SUMP
Milestone: Analysis of problems and opportunities concluded

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The 12 Steps of Sustainable Urban Mobility Planning (SUMP 2nd edition)

**Citizen involvement**

- Inform and engage citizens during implementation
- Involve citizens in adoption and celebrate
- Ensure wide public support for actions
- Validate measure packages with citizens
- Learn lessons with citizens
- Discuss possible future scenarios
- Co-create common vision for the city
- Get feedback from citizens on strategic priorities

**Implementation and monitoring**

1. Set up working structures
2. Determine planning framework
3. Analyse mobility situation
4. Build and jointly assess scenarios
5. Develop vision and objectives with stakeholders
6. Set targets and indicators
7. Select measure packages with stakeholders
8. Agree actions and responsibilities
9. Prepare for adoption and financing
10. Manage implementation
11. Monitor, adapt and communicate
12. Review and learn lessons

**Preparation and analysis**

Milestone: Analysis of problems and opportunities concluded
Milestone: Vision, objectives and targets agreed
Milestone: Decision to prepare a SUMP
Milestone: Sustainable Urban Mobility Plan adopted

**Sustainable Urban Mobility Planning**

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The 12 Steps of Sustainable Urban Mobility Planning (SUMP 2nd edition)

**Monitoring and evaluation**

- Analyse successes and failures
- Monitor progress and adapt

**Implementation and monitoring**

- Milestone: Sustainable Urban Mobility Plan adopted

**Preparation and analysis**

- Identify data sources and set baseline
- Milestone: Analysis of problems and opportunities concluded

**Strategy development**

- Define strategic indicators and targets

**Measure planning**

- Define strategic indicators and targets

**Plan measure monitoring and evaluation**

- Milestone: Vision, objectives and targets agreed

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Planning in Practice

- SUMP cycle is an "ideal process" but every city is different

- Need to tailor to local needs and contexts:
  - meet national/ local planning requirements
  - use SUMP to facilitate integration
  - be ambitious and take-up tools and experiences of others
  - adapt, but observe eight SUMP principles (good governance, essential)

- Urban mobility is a policy field with conflicting demands
  - impacts of major policies and society (climate, safety, user demands)
  - "game changers" (data economy, digitalisation, business models, mindsets)
  - SUMP is not a "solution", but a concept for creating own solutions!
Milestone: Measure implementation evaluated

Milestone: Decision to prepare a SUMP

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Responding to planners' demands: Thematic guides (2014 – 2018)
Responding to planners' demands: Thematic guides

- Funding & financing
- Procurement
- Metropolitan regions
- Safety
- Health
- Energy (SECAPS)
- National support
Responding to planners' demands: Thematic guides (2)

- Logistics
- Walking
- Cycling
- Mobility as a Service
- Sharing
- Electrification
- Access regulation
- Automation

... and more is coming!
What is still to be done?

- **Good practices** and **tools** → please contribute
- **"Horizontal topics"**: contributors (e.g. diversity, social inclusion, urban space, land use, …)
- **References** to thematic guides
- **Reader friendly** **layout**
- **Your feedback**, please!
  - **Today** at Session B1 and B2 → limited seating available!
  - **Online** until 9 July 2019 at [http://tiny.cc/SUMP2](http://tiny.cc/SUMP2) (see ELTIS website)
  - Feedback on Topic Guides and Briefings (today and via "comment button" on ELTIS website)
Summary

The new SUMP Guidelines are:

• a **practitioner tool** for innovation and **change management** in urban areas,

• a **flexible** planning framework that is based on eight proven **SUMP principles**, 

• based on wide **consultation with stakeholders** and has been substantially **updated**, 

• enriched by a wide range of **tools** and **good practices** and **specific guides**, and 

• taken up all over **Europe** and **internationally**.
Thank you!

Stakeholders, reviewers, authors of SUMP Guidelines:

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All involved in preparing specific guides and all committed to adding more in the future!
Thank you!

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