ROUNDTABLE ON SUSTAINABLE URBAN MOBILITY PLANS

Overview about SUMP from an EU perspective

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CODATU 2015, Istanbul, Turkey.
Urban Transport Challenges in Europe

Exposure to air pollution

Transforming urban mobility

Growing urban population

Commuting time spent

Exposure to night-time traffic noise

Source: European Environment Agency (EEA TERM Report 11/2013)
European leaders have set ambitious targets to tackle climate, environmental and energy problems, e.g.

- A 20% reduction in EU greenhouse gas emissions from 1990 levels (Climate and Energy Package 2009)
- Halve the use of ‘conventionally fuelled’ cars in urban transport by 2030; phase them out in cities by 2050 (Transport White Paper 2011)
- Achieve essentially CO₂-free city logistics in major urban centres by 2030 (ibid.)
- 60% cut in transport emissions by the middle of the century (ibid.)

- Sustainable Urban Mobility Plans (SUMP) as a strategic instrument to solve urban transport problems and contribute to reaching local, national and European objectives

- Various EU policy documents promote and support the take-up of SUMP, e.g.
SUMP Policy Elements in the EU

SUMP as an instrument to meet European policy targets and to solve local transport problems

- **EU Recommendation** to all Member States to develop national legal framework for SUMP and support cities
- **EU facilitates** Europe-wide coordination and funds research and innovation activities
- EU and national **support for SUMP preparation is taking off**
- Quality SUMPs are increasingly a **pre-condition** to attract (major) urban transport funding from EU (incl. Structural and Investment Funds)

**SUMP is becoming mainstream!**
The Planning Cycle for a Sustainable Urban Mobility Plan (SUMP) ... helps structuring a complex, integrated planning process.

Source: Rupprecht Consult, 2014
Key Challenges for Sustainable Urban Mobility Planning in Europe

- **Participation:**
  Actively involving local stakeholders and citizens in mobility planning processes

- **Institutional cooperation:**
  Improving geographic, political, administrative and interdepartmental cooperation objectives

- **Measure selection:**
  Identifying the most appropriate package of measures to meet a city’s policy objectives

- **Monitoring and evaluation**
  Assessing the impact of measures and evaluating the mobility planning process
Key Challenges for Local Planners in SUMP Development

Source: Rupprecht Consult, 2014
Participation in SUMP development

**Barriers**

- Lack of **political will** and low priority given to participation; participation seen as a **risk or disturbance**.
- Limited financial and personnel **capacities**, incl. knowledge of good practices.
- Low interest and **awareness** of strategic transport planning among citizens and stakeholder groups.

**Promising Approaches**

- Develop **local participation policy** with guidelines and a dedicated participation plan.
- Adapt participation formats, capacities, target groups and planning phases.
- Technological innovations.
- Method to critically assess participation process.
- EU-wide learning and exchange (going global!)
Development of the Transport Master Plan in Bremen, Germany

- **Aim:** Opening “black box” of transport planning
- **Main elements of participation process:**
  - Clear plan of who to involve and at what stage of the participation process
  - Project advisory board for quality control
  - Citizen discussion fora and information
  - Online consultation – 35,000 visitors and 4,200 proposals within three months (interactive map with "projects")
- **Process was very complex, demanding and time-consuming – and successful**
**Institutional Cooperation in SUMP development**

**Cooperation**

### Barriers

- Initiating authority has limited planning **competences**
- Unclear or overlapping **responsibilities** between agencies
- Lack of partnerships/ **silo thinking**
- Complexity of **policy integration**
- Complexity of **managing interests** of large stakeholders groups

### Promising Approaches

- Build focused **thematic local partnerships** between all relevant institutions
- Adapt institutional arrangements or **build new institutions**, if required
- Use tools to **assign responsibilities** throughout entire delivery process
- Innovative partnerships between **private and public sector**
Looking beyond borders: the West of England Partnership, UK

- Joint Local Transport Plan for the West of England → cooperation of four councils
- Works alongside local enterprise partnership, core strategies and local strategic partnerships of the four councils and with partners in the bus industry and through memoranda of understanding with the highways agency, health sector, network rail and train operators.

Measure Selection in SUMP development

**Barriers**

- Over-reliance on preconceived ideas
- Limited knowledge of good practices and their transferability
- Focus on supply-side measures (such as infrastructure) rather than demand-side measures (such as regulation and pricing)
- Limited evidence on measures' impact to achieve intended policy goals, especially in specific city contexts

**Promising Approaches**

- Avoid temptation of "good measures" – follow a systematic analytical process; identify strategic goals and measures to meet those effectively
- No one policy measure will be sufficient alone – develop measure packages
- Ensure that each policy measure reinforces the others
- "Restrictive" measures can be sold to the public, if planned and communicated well
- Depoliticisation of measures selection
Dresden's SUMP "VEP 2025plus", Germany

- Assessment and selection of measures based on mobility objectives and deficit analyses, led by external consultant in cooperation with city administration and SUMP Round Table

- Standardised **methodology for measure selection**
  - 12 assessment criteria derived from 45 objectives
  - Impact assessment of all proposed measures with Delphi method
  - Weighted on policy impact and cost

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Matrix of categories of impact (x-axis) and costs (y-axis) differentiated into priority levels

Source: City of Dresden/ CH4LLENGE, 2014
Monitoring and Evaluation in SUMP development

**Barriers**

- **Limited experience** on how monitoring and evaluation should be managed and who should do it
- Differing definitions for the **indicators** to be monitored
- Low **availability of data** that relates to the SUMP and its objectives
- Lack of knowledge how to monitor and evaluate the SUMP **development process**

**Promising Approaches**

- Follow systematic process to set up a **local knowledge base** of impacts (with tested indicators)
- Apply innovative (cost-effective) **data collection**
- Adapt method to **city size**
- Adapt method to **measure**: small measures → qualitative; big measures → quantitative
- Develop "**process awareness**"
Quality-controlled urban mobility strategy of Vienna, Austria

- ambitious strategy – time horizon 2025 – institutional cooperation – communicative indicator and target scheme – following SUMP Guidelines – Innovative quality control system – supported by Rupprecht Consult

Source: City of Vienna
Summary and Conclusion

- EU and national governments should *coordinate legal frameworks*
- EU and national agencies need to further support *exchange and learning process* for cities to meet SUMP challenges more effectively
- Long-term *funding commitment* for SUMP preparation and implementation
- Engagement of *private sector* for funding and development of SUMP
- The general SUMP concept still needs to be *adopted to different urban realities* (small cities, rural areas, outside Europe)
- Compliance with essential quality criteria to be ensured through *quality control* and *certification schemes*
- "SUMP" (integrated planning) *meets global needs* – there is need for more *global exchange*, e.g. CODATU SUMP Advisory Board.
SUMP e-learning

- **FP7 SOLUTIONS project:**
  - [www.urban-mobility-solutions.eu](http://www.urban-mobility-solutions.eu)

- **SOLUTIONS SUMP Training workshop 5th February:**
  - [www.urban-mobility-solutions.eu/events/?c=search&month=2&year=2015&auid=821d8d23](http://www.urban-mobility-solutions.eu/events/?c=search&month=2&year=2015&auid=821d8d23)

- **SOLUTIONS SUMP e-learning course starting 9th February:**
  - Interactive course with a moderated forum
  - Over 50 registrations from all over the world.
  - [www.urban-mobility-solutions.eu/resources/e-learning](http://www.urban-mobility-solutions.eu/resources/e-learning)
Thank you for your attention!

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