Sustainable Urban Mobility Planning

What are the experiences in Europe?

Dr. Susanne Böhler-Baedeker
Rupprecht Consult, Cologne, Germany
Sharing Opportunities for Low carbon Urban transporTatION – SOLUTIONS

...supports the exchange on innovative and green urban mobility solutions between cities from Europe, Asia, Latin America and the Mediterranean

...wants to make a substantial contribution to the uptake of innovative and green urban mobility solutions across the world

www.urban-mobility-solutions.eu
Urban Transport in Europe

Exposure to air pollution

Transforming urban mobility

Growing urban population

Exposure to night-time traffic noise

Source: European Environment Agency (EEA Report 11/2013)
The challenges of urban mobility in Europe

- Severe congestion
- Urban mobility 23% of CO2 emissions from transport
- Struggle to meet legal requirements for ambient air quality
- Urban road accidents 40% of all road fatalities (approx. 11,000 per year)
- Balanced development and integration of different modes
Delivering sustainable urban transport to meet European targets
New generation of transport planning: Sustainable Urban Mobility Plan (SUMP) to plan for a livable city
To promote SUMP in European cities, the EU:

✓ provides policy framework
✓ offers funding for implementation & research and innovation
✓ facilitates the exchange of experience and best practice and
✓ aims at awareness-raising
The Urban Mobility Package (2013) sets the ground for SUMP

- Provides a basis for a continued debate across the EU
- Calls for action from the Member States
- Reinforces EU support
  - Exchange of experience and best practice
  - Funding for implementation
  - Funding for research & innovation (Horizon 2020)
- Gives further help for cities to develop SUMPs
- Gives recommendations for coordinated action in specific areas: Urban logistics, Urban access regulations, ITS deployment in urban areas, Urban road safety
SUMP Planning Practices in European Countries

- The national level is typically responsible for setting up the policy, legislative and funding framework
- National policy can significantly impact the ability of local entities or cities to act on mobility issues
- France, Flanders (Belgium) and England&Wales are examples for a strong national policy, recently also Romania has enacted a SUMP legislation
- The UMP calls for stronger efforts on the national level

Multiple inter-related problems in cities

Source: Online survey of CH4LLENGE Cities in 2013 (N=33)
Reduced opportunities for action in European cities

<table>
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<th>Factor</th>
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<th>Serious</th>
<th>Less Serious</th>
<th>Not a problem</th>
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<tr>
<td>Lack of political will</td>
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<tr>
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<td>Natural conditions</td>
<td>12</td>
<td>18</td>
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<td>70</td>
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</tbody>
</table>

Source: Online survey of CH4LLENGE Cities in 2013 (N=33)
Challenges for a city in the SUMP process

Source: Rupprecht Consult 2013
Participation in SUMP development

Usually...
- lack of political will and low priority given to participation
- limited financial and personnel capacities
- low interest and awareness of strategic transport planning among citizens and stakeholder groups

How to move forward?
- develop a local participation guideline and a dedicated participation plan;
- select participation formats carefully with respect to capacities, target groups and planning phases, and
- critically analyse participation procedures
Institutional Cooperation in SUMP development

Usually...

- initiating authority does not have all planning competences that other ‘institutions’ have; lack of partnerships; operational problems

How to move forward?

- Build new institutions; build local partnerships on functionality of institutional partners; use tools to assign responsibilities across partners throughout the plan development and delivery (e.g. RASCI matrix)
Usually,.....

- limited availability of knowledge of measures, and limited evidence on performance, especially in specific city contexts, is a barrier to effective measure selection
Monitoring and Evaluation in SUMP development

Usually,...

- practical using and experiences differs and few experiences with evaluation
- differing definitions for indicators
- little data, not connected to the SUMP and its objectives
- cost of collection of travel behaviour data missing monitoring and evaluation strategy

How to move forward?

- method for a more systematic process towards M&E and cost-effective data collection
- sharing best practice examples
- differ between M&E in big cities and smaller scale M&E in smaller cities
- differ between M&E of small measures (qualitative) and of bigger measures/ measure packages/ SUMPs (quantitative)
SUMP – Quality Assessment Scheme: Does your plan meet the quality criteria of the European Commission?

1. Goals and objectives
2. Long-term vision and clear implementation plan
3. Assessment of current and future performance
4. Balanced and integrated development of all modes
5. Horizontal and vertical integration
6. Participatory approach
7. Monitoring, review, reporting
8. Quality assurance

- SUMP quality assessment for City of Vienna, Cities of Braşov and Constanța (Romania) conducted by Rupprecht Consult
- Self-assessment scheme will be available online on www.rupprecht-consult.eu in the beginning of 2015
Summary and conclusion

- There is strong evidence that cities need a more strategic and comprehensive planning approach like SUMP.
- In comparison to other policy sectors SUMP has a lack in clear objectives and standardised tools.
- In Europe planning practices differ substantially between member states.
- Reasons are e.g. different planning cultures and different national policy framework.
- There is also a big difference in practice and experience between big and small cities.
- Besides the organisation of the planning process cities are facing a variety of different challenges like:
  - finding a common vision for transport and urban development
  - effective governance & leadership
  - long-term political commitment
  - strong links with land-use planning and
  - long-term funding commitment
A new sourcebook is presenting practical solutions for the planning process and strategies to promote Urban Mobility Plans around the world.

It will be available soon at www.giz.de
SymbioCity is an entry point to holistic and sustainable urban development.
Muito obrigado!
Thank you for your attention!
Vielen Dank für Ihre Aufmerksamkeit!