Challenges for Sustainable Mobility in Cities

Conclusions and Outlook

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towards sustainable urban mobility in Europe

I. Conclusions

- Challenges
- Policy drivers
- Research opportunities

II. Outlook
1. Conclusions

1. Challenges for Urban Mobility

• 80% of the EU-27 population lives in cities

• The main challenges faced by cities relate to **MOBILITY**:
  - **Societal trends**: demographic changes, aging population
  - **Congestion**: costing 1% of GDP annually
  - **Health issues**: local air pollution and noise
  - **Safety and security**: 2/3 of road accidents, 1/3 of road fatalities in urban areas
  - **Climate change**: 40% of CO2 emissions of road transport in urban areas
  - **Energy consumption**: domination of oil as a transport fuel

• Public authorities and cities are at key in achieving **sustainable urban transport system**
1. Conclusions

2. Related Policy Drivers

● **EU Transport policy**
  - Green Paper on Urban Mobility (2007) leading to an action plan to be launched late 2008

● **EU Energy policy**

● **EU Environmental policy**
  - ‘Climate action and renewable energy package’ setting an ambitious commitment to fight climate change and promote renewable energy up to 2020 and beyond

● **EU Cohesion and regional policy**
  - Reinforced support to Lisbon strategy a coherent set of instruments

● **EU Research and Innovation policy**
3. Sustainable Mobility in Cities
Research for Innovative Solutions

- **EC Research** for Sustainable Urban Mobility is a strong foundation to build upon in facing those challenges:
  - From the 4th to 5th Framework Programmes (1994-2002): Increased collaboration, development of critical technologies and problem solving approaches
  - 6th Framework Programme (2002-2006): Building ERA, strengthening structuring and coordinating EU R&D for research and technology development, to support transport policy
  - 7th Framework programme (2007-2013) opens a dedicated activity within the Transport Theme on **Ensuring Sustainable Urban Mobility**
EU DIVERSITY, same CHALLENGES common SOLUTION

• Need for **collective effort** at local, regional national and European level -> **shared responsibility**

• EC role: formulation of coherent set of policies and instruments, mobilization of resources, role of **facilitator** by proposing measures, tools for implementation, supporting actions and establishing dialogue

• Solutions: **Integrated**

• Required innovative approaches, models, technologies, skills ....
NEW CULTURE FOR URBAN MOBILITY

based on New Partnerships, building on a Knowledge based society aiming at integrated solutions capable of meeting new challenges:

Short term research priorities

• New transport and mobility concepts
• High quality public transport
• Demand management
• Innovative strategies for clean urban transport (CIVITAS)
• Policy support

.... in dialogue with the Civil Society
Thank you for your attention