REGIONAL CONFERENCE ON SUSTAINABLE URBAN TRANSPORT
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Session 2: Multimodal organization

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Summary

• Global context of multimodal approach in Mediterranean towns
• Challenges and aims of multimodal approach
• List of questions about:
  – The foundations (mobility demand…)
  – The major means of transport
To improve multimodal transport system
Context

- Urban growth and Urban sprawl: single-family housing area or illegal housing area
- Lengthening of daily journey
- Dependence on motorised means of transport, in particular the car
- High rate of motorisation (or high growth)
Consequences and challenges

• Traffic jams => reduction of travel speed, of efficiency of buses
• Increase of travel budget, travel time…
• Increase of pollution, energy needs…
• Difficulty to manage road safety problems
• Public space invaded by cars
Aims of multimodal approach

• To improve access to the town (for all means of transport and not only for cars)
• To limit growth of individual car use (or to reduce)
• To improve collective transport
• To improve quality of public space and pedestrians routes
• To improve road safety
Questions about …

• The foundations:
  – To understand mobility demand
  – To identify current means of transport and their efficiency
  – To work on a transport network

• The work on the several components:
  – The limitation of car use
  – The development of collective transport
  – The improve of quality of public space
  – The improve of road safety
A better understanding of mobility demand

The bases:

• What data is available?
• Which structure is competent to report and analyse this data?

To know:

• What is the modal share?
• What is the motorisation rate and its evolution?
• What is the mobility demand: destinations, travel motif, geographical cover…?
• And what’ll be its development according to urban projects and transport projects?
Which means of transport?

- Which means of transport exist? Which transport project?
- What is geographical cover of each mean / timetable cover?
- What efficiency is required or reached? Which indicator: flexibility, access, availability, punctuality, frequency, price…
- For pedestrians, which quality of public space and their itinerary? Accessibility for handicapped?
A network of transport

- A network = a set of linked connections
- What is the global efficiency?
- What is the structure of the transport system?
- To serve the widest area and optimise transport system

April 12, 2010

Multimodal organization
What about car use?

- What are the challenges?
- What are the impacts of car use? (environmental, economical, social, dependence…)
- What may be the policy and tools?
  - Link with urban planning (session 3)
  - What tools of reduction of car space and their impacts?
  - What rules and financial tools, their conditions of success? (parking policy, urban toll…)
  - How to improve other mean of transport?
How to improve collective transport?

- What is missing from the existing system?
- Which structure of public transport system?
- A mass transport system? What are the financial capacities? *(Link with session 1)*
- How to improve the organisation of the connections?
- How to integrate small-scale traditional transport?
- What are the improvements for infrastructure, vehicles, exploitation system?
How to improve quality of public and pedestrian space?

- What are the challenges? According to use of public space, of valorisation or protection
- What aspects should be treated? Architectural, landscape, lighting, safety, comfort, accessibility...
- How to reduce car space? Traffic calming, urban space sharing...
How to improve road safety?

• What are the challenges?
  – On the national level,
    according to vehicle conditions, safety equipment, rules of
    road conception, user’s behaviour…
  – On the local level,
    according to conflicts between vulnerable users and others,
    between several uses of public space…

• Does a national policy exist? How is it applied locally?

• Which structures are competent?

• What may be the policy and tools?
Thank you for your attention

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