

THNS Forum 2009

Transport with a High Level of Service

Sustainable urban development

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Workshop “City, Transport, Energy

China Europa Forum

Theme 1: Mobility and transport Policies for sustainable cities

- Evolution of mobility needs
- How to manage an urban project in a sustainable perspective ?
- Combination of transport and urban planning to control urban sprawling ?
How to introduce job-housing-service balance in land use ?
- Promotion of public transport: objectives and means (organization, funding ...)
- Energy policies: which transport modes in low carbon emissions areas ?
- Management policies for public spaces and roads in urban areas.

Theme 2: Scientific approaches

- Mobility needs and sociology of transport modes
- Energy and carbon evaluations: are available methodologies and current practice in line with the needs of mobility organizers, transport operators and end users ? Recommendations for research.
- Place of various modes of transport in modern cities: specifications, choice criteria, complementarity between regional trains, metros, tramways, THNS, bus, taxis, cars (including car pooling and carsharing and non motorised transport modes (bicycles and walking) ?

- Commuting nodes, railway stations : their possible role to orient development
- Tools for forecasting service level of a transport system, scenarios building and evaluation.
- Scientific cooperation: proposal for subjects of common interest and/or partnerships

Theme 3: Technologies

- Collecting and processing data about mobility and use of transport systems
- Traffic modelling and management, bus signal priorities
- Advanced tools to improve regularity of buses and passengers information.
- Creation and maintenance of infrastructures used by buses lines with high level of service
- Cybercars
- Urban logistics vehicles and platforms.
- Geographical information systems for urban areas
- How to develop awareness and training of new approaches and new technologies in transport ?

Theme 4: Case studies

- Transportation systems in and around Shanghai Expo 2010
- THNS, experience drawn from construction and operation phases
- Intermodal nodes (especially railway stations areas), planning, organization, funding, operation
- Development of non motorized transport modes and walking
- Mobility plans for cities and public or private organizations
- Urban logistic