China Urban Sustainable Transport Research Center

Working Report

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1. Keynotes

Acknowledge

- "Ministry of Transport" have been reformed by the state council on March, 2008. The responsibility of urban transport transferred to the new Ministry of Transport from former Ministry of Construction, which launched the first step to promote the comprehensive transport development in China.

- The past researches including transportation task force of CCICED and CUSTReC has contributed to this reform. This reform has offered good opportunity to take a leadership role in urban transport and metropolitan area.

- VREF has made the right decision to establish FUT-COE in CATS, MOT.
1. Keynotes

- CUSTReC is currently the first center to address urban transport and integration of urban and suburb transport in the Ministry of Transport.

- CUSTReC has recently been expanded to 22 staff. VREF fund cover 75% of the center expenses in 2007.

- The center is growing gradually towards “mature”.

- We are making to be the think-tank of sustainable urban transport and providing decision making support for MOT and Chinese cities.
A crucial step forward in China urban transport and better opportunities for CUSTReC to provide useful research to China's political leadership.
2. Highlight of research outputs in 2008

2.1. Report for decision maker of MOT

- Guideline of transport institutional reform for Chinese central cities will be issued by MOT in October, 2008
- Report on survey of integration of urban-suburb transport to the minister of MOT at the end of this year
2. Highlight of research outputs in 2008

2.2. Research Reports
   • TOD International Experience and Implementation in China

2.3. Dissemination
   • Beijing: TDM demonstration for Olympic Games
   • Chengdu: Integrated SUT Demonstration
   • International Workshop on Sustainable Urban Transport
3. Main activities in 2008

1. Benchmarking
2. Financing
3. Institutional Innovation
4. TOD
5. TDM
Theme 1 – Benchmarking Efficiency of Urban Transport Systems in China

Data Collection → Strategic indicators

→ Current status and challenges

→ Case Study

→ Benchmarks

→ Demonstration of Best Practices
Theme 2 – Financing of Urban Transport in China

1) Understanding of financial institution management for urban transport development

2) Researches on subsidy scheme for public transport including urban-suburb transport working with the World Bank

• How to deal with deficit and accumulated debt?

Activities:

✓ Workshop with WB in early May, 2008
✓ Case study in five cities
Theme 3: Integrated transport and land use planning: Institutional Perspectives

- Assessment report of Integration of Land use and Urban Transport in China
- TOD city basic database
- City Case study report
- BRT/BRTOD development and evaluation in China

Theme 4: Transport Demand Management

Designing and monitoring the limitation of the number of car usage for Olympic games collaborated with Beijing transport research center
Theme 4: Guideline of transport institutional reform for Chinese central cities

- **Mode 1:** The responsibility of urban transport was separate by transport, construction and civil departments of city governments.
- **Mode 2:** Beginning with integrated road management in both urban and rural areas.
- **Mode 3:** Initiating the “one authority responsible for one city”; Chengdu reform is the best cases in 2005.
- **Planned Mode 4:** Modified the city transport authority according to the new MOT structure.
New Structure

City Transport Authority

- Passenger transport bureau
- Logistics bureau
- Enforcement bureau
- Construction bureau
- Waterway bureau

Full responsibility for mobility management
- Passenger and freight transport planning
- Implement/constitute the transport law and regulations
- Coordinate different modes including post, civil aviation, highway, waterway and urban transport in metropolitan areas.
New Website: www.urbansustrans.cn

The Research:
- Development
- Intelligent Traffic
- Management System and Mechanism
- Energy and Safety
- Investment Financing and fiscal
- Traffic Environment Protection

Communications:
- Press
- Education and Training
- Communication and Dissemination

Introduction of CUSTReC

Key Projects
- Sustainable Transportation Development Strategy and Policy Research in China
- PARAMOUNT
- Highway Ecological Protection
  - Study on Roadside Ecological Engineering and Technique Introduction
  - Study on Ecological Restoration of Newly Built Roadside
- Safety and Environment Protection
  - Global Change and Ecosystems
    (QUANTIFY-TTC)
  - Development Strategy of Highway and Waterway
    - Study on Highway and Waterway
    - Development Strategy in Guizhou

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• International Workshop on Sustainable Urban Transport

**Time:** December 9-11, 2008

**Avenue:** Beijing Municipality, P. R. China

**Hosted by:**
- China Academy of Transportation Sciences, MOC
- China Comprehensive Transportation Association, NDRC
- Institute of Comprehensive Transport, NDRC

**Sponsored by:**
- Volvo Research and Educational Foundations
- DG for Transport and Energy, European Commission
- The World Bank

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