



C2C COOPERATION BETWEEN SEOUL AND MUMBAI ON TRANSPORT REFORM IN MUMBAI

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Project Background

- Under the Infra Cluster of CITYNET, an agreement to help develop a Sustainable Road Transport System in Mumbai with an emphasis on BRTS was signed between:
 - ▣ Seoul Development Institute (SDI) *Knowledge Partner*
 - ▣ Brihanmumbai Electric Supply and Transport Undertaking (BEST) *Recipient*
 - ▣ Mumbai Metropolitan Regional Development Authority (MMRDA), *Planning Authority*
 - ▣ All India Institute of Local Self Government (AILSG), (*Enabler & Catalyst*)
 - ▣ & CITYNET *Facilitator*



Objectives

- Promote cooperation between SDI and Mumbai city for information exchange and practical solutions on Sustainable Urban Transport
- Transfer experience and expertise of SDI on integrated urban mass transport with respect to: BRTS, Real-time Passenger information Systems, Automatic fare collection facilities, Intelligent Transport Management Systems and Demand Management



Deliverables

- Increase awareness of Mumbai on Sustainable urban transport systems
- *Production of a 'Manual' for Design, Implementation and Management of BRTS for Mumbai and its Regions, which will help to renovate and improve the public transport system, including the bus management and operation system in Mumbai*



Report Highlights

- Mumbai BRTS Feasibility Study
- Overview of BEST operations
- Delhi Bus Rapid Transit System – An Evaluation
- Review of International Experience
- Traffic Survey and Analysis
- BRTS- Travel, Demand, Fleet Size and Infrastructure
- BRTS-Components & Design Policies
- BRTS- Services and Operations Plan
- Preliminary Engineering
- Application of ITS Traffic Management
- Preliminary Environmental Issues
- Financial & Economic Viability Analysis
- Institutional Arrangement for BRT- Mumbai
- Business Plan



Status of BRTS in Mumbai

- 7 independent routes running in the city
- All BRTS routes have new buses
- All new buses are air-conditioned
- Low floor on BRTS buses
- Phase 1 of BRTS ready for implementation
 - Western and Eastern Expressways
 - Dedicated Bus lane on Median (25 KM each)
 - Expected to carry between 15-40 thousand persons per hour depending on fleet size and vehicle design

Chronology of Events

- KLRTC platform – AILSG interacts with SMG
 - Approached CITYNET for (TCDC)
 - 5 party Memorandum of Cooperation
 - Visit of Dr. Kim to Mumbai (TAS)
 - Visit to Seoul city by key decision makers from Mumbai (SV)
 - Transfer of knowledge to MMRDA
 - Appointment of consultants
 - Drafting of Report titled ‘Planning, Design and Implementation Assistance for BRTS, Under Mumbai Urban Improvement Program (MUIP)
- TCDC
Component



Other Ongoing Urban Infrastructure projects at AIILSG

- Performance Assessment System for Water Supply and Sanitation for 250 cities in Maharashtra
- Anchoring of and support to the Water Cell of the Govt. of Maharashtra in Mumbai
- Mumbai Transformation Support Unit
 - ▣ Various projects



Thank You

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