



# IMPLEMENTING METRO RAIL POLICY - MAKING THE METRO SUCCESSFULL



## SESSION DETAILS & ROLE

- **Round Table 4 - Making the Metro Successful**
- **Time: 3<sup>rd</sup> November, 2018 (11:30 to 13:00 hrs)**
- **MoHUA** – Ms Priya Mahadevan
- **IUT** – Mr Ankit Pachouri & Ms S Devika
- **Chairperson** –Mr Mangu Singh, Managing Director, Delhi Metro Rail Corporation
- **Co-Chair** – Mr I.P. Gautam, Vice Chairman & MD, Metro Link Express for Gandhinagar and Ahmedabad Company Ltd.
- **Moderator - Mr Brijesh Dixit, Managing Director, Maha Metro**

**Role of Moderator:** Moderator will moderate the discussion and asks questions in case of a panel discussion. Moderator acts as a neutral participant in a debate or discussion, holds participants to time limits and tries to keep them from straying off the topic of the questions being raised in the debate

# PANELLIST

- Mr Rohit Kumar Singh, CMD, Jaipur Metro Rail Corporation Ltd. (TBC)
- Mr A.P.M. Mohammed Hanish, Managing Director, Kochi Metro Rail Ltd.
- Mr Parashuram Singh, Managing Director, Kolkata Metro Rail Corporation (TBC)
- Mr K.V.B. Reddy, Managing Director, L&T Metro Rail, Hyderabad
- Mr N.V.S. Reddy, Managing Director, Hyderabad Metro Rail Ltd. (TBC)
- Mr Saurabh Rao, Municipal Commissioner, Pune Municipal Corporation (TBC)
- Mr Virendra Singh, Municipal Commissioner, Nagpur Municipal Corporation (TBC)
- Mr V.K. Singh, Managing Director, National Capital Region Transport Corporation (NCRTC)

# BROAD MODELS OF FINANCING METRO RAIL PROJECT

A 50:50 Joint Venture of Government of India & Government of Maharashtra

OR

Complete Funding by Central Government

OR

Complete Funding by State Government

OR

Public Private Partnership (PPP) model

# MAKING THE METRO SUCCESSFULL

- **Separate body for Integrated planning and management of Urban Transport at State Level:**
  - Constituting *Unified Metropolitan Transport Authority (UMTA)* as a statutory body.
  - It will prepare CMP, establish effective coordination b/w various stakeholders, organize investments & manage fund.
- **Stake of local bodies in implementation and/or operation of Metro Rail:**
  - Local bodies like Municipal Corporation or City development authorities should have important role and/or stake in implementation and/or operation of Metro.

# MAKING THE METRO SUCCESSFULL

## ■ **Enhancing Revenues through:**

- Feeder System for Metro Rail focusing on Multimodal integration, Adequate walkways and pathways for NMT, Public bike sharing, Parking lots for cycles and personal vehicles, Adequate arrangement for receiving and dispatch of feeder buses.
- Transit Oriented Development & Value Capture Finance - Transfer of the financial benefits accruing in the influence zone of the metro alignment.
- Commercial/property development at stations and on other urban land.
- ***DPR should mandatorily contain a chapter on enhancing Non-Fare Box Revenue.***

## ■ **Reducing Costs: Standardization, Indigenization and Inducing Competition:**

- Efforts should be made towards standardizing the various components of Metro Rail Systems like track-gauge, civil structure and components of rolling stock.
- Incentivizing and encouraging indigenous development and manufacture of the components that are being presently imported.

# MAKING THE METRO SUCCESSFULL

- **Legal Cover:**

- All the metro rail projects will have to be governed by the Central Metro Acts.

- **Fare Fixation:**

- The fixation of the fare will be as per the extant provisions of the Act governing the metro rail projects.

- **Issuance of Bonds by Metro Rail Companies**

- State Governments should enable metro rail implementing agencies to raise cheaper long term debt by allowing them to issue corporate debt bonds Appraisal through independent agencies

# MAKING THE METRO SUCCESSFULL

- **Monitoring of Performance:**

- Key Performance Indicators should be established to monitor the performance of Metro Rail Projects.
- A peer to peer comparison of Metro Rail Projects can be done and can be used to encourage other Metros through the example of better performing Metros.

- **Private participation & Public private partnership:**

- Private participation either for complete provisioning of Metro Rail projects or for some unbundled components should be explored.
- Private Participation for Operation and Maintenance should also be explored.



# MAKING THE METRO SUCCESSFULL

- **Comprehensive Mobility Plan (CMP):**
  - A city can be represented by land use zones superimposed with a matching transport networks.
  - CMP should recognize interaction between land use, traffic and transport.
  - Planning should start early. Cities having population around 2 Million should start planning.
- **Integration between various modes of Transport:**
  - Roadways, Railways and Non motorized transport should be complementary to Metro Rail.
  - Existing railway suburban services or circular rail systems, if any, should be integrated with Metro Rail.