



Ministry of Urban Development
Government of India



Proposed **Green** Urban Mobility Scheme



Rationale

Need to

Address much required mobility needs of cities.

- infrastructure for Bus based transport – depots, maintenance facilities, ITS etc.
- bring in private entrepreneurial spirit in operations
- promote Non motorized Transport (NMT), Last mile connectivity
- promote alternate fuels, Electric Mobility for better environment
- focus on Urban Freight
- address high fatalities of pedestrians.

Over 195,000 fatalities in road accidents in urban areas, of which 70% are pedestrians, cyclist and 2w



Therefore, need a separate sustainable urban mobility scheme having pan city coverage with emphasis on improving access of citizens

Indicative Components of Green Urban Mobility Scheme

1 Sustainable Urban Mobility



Infrastructure enabling bus systems (excluding buses)



Safe Pedestrian pathways, cycling track, public bike sharing



Integrating modes with physical & soft infrastructure e.g cashless payment systems & ITS



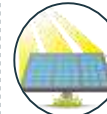
Strategies for Urban Freight management



2 Sustainable Vehicles and Fuels



Shift to electric/hybrid vehicles for public transport



Shift to Non-fossil fuel for public transport projects

3 Any other project demonstrating reduction in GHG emissions

Projects will be identified by cities depending upon their size, sprawl , demand and other techno-economic criteria

Coverage & Funding Requirement

103

Coverage: Cities with Population > 500,000 (2011) + State Capitals = 103

70,000

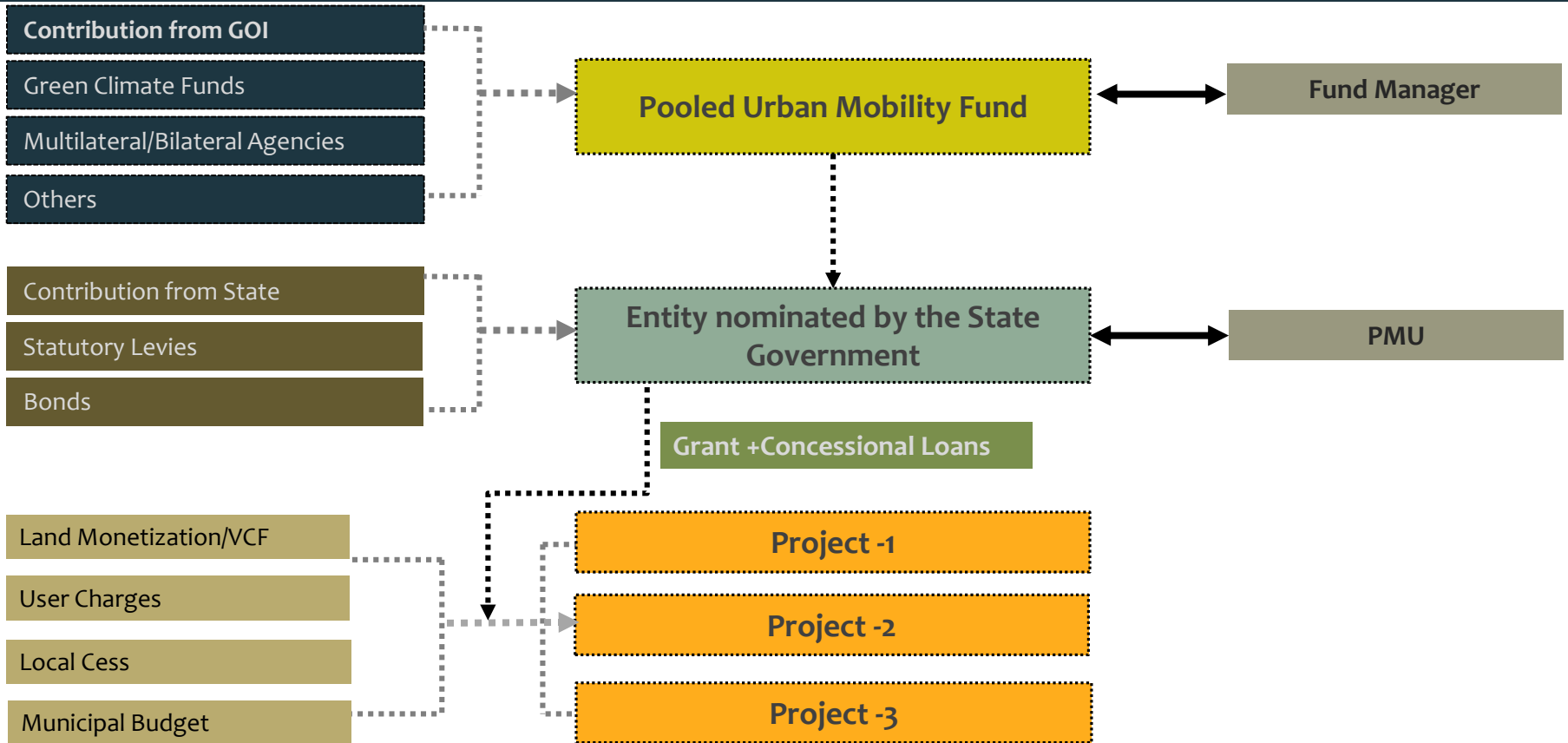
Estimated Project Costs Rs Cr

2018-19
To 2022-
23

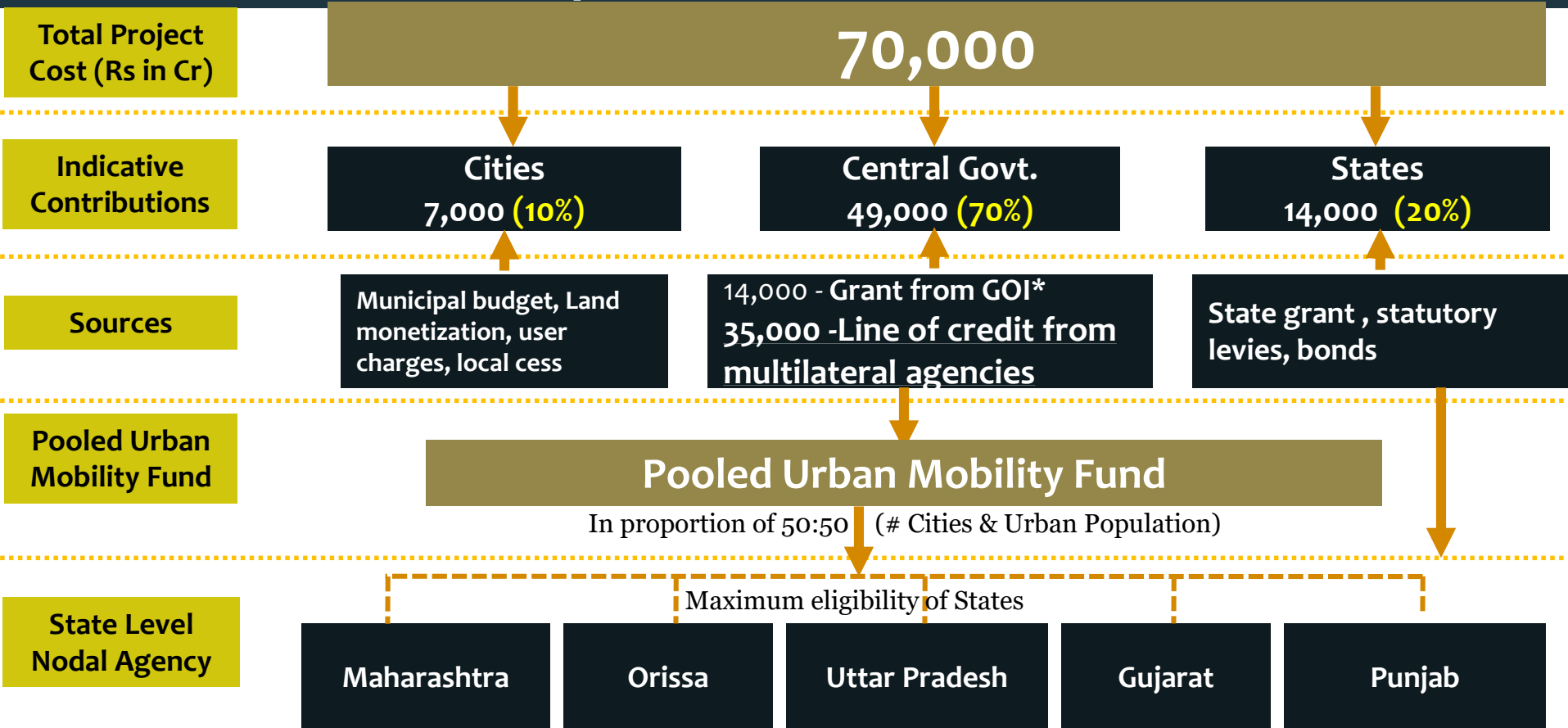
Initial Projects Implementation duration -7 years

Fund disbursement to be done based on drawdown schedule given in DPRs & subject to physical progress.

Proposed Scheme Structure



Proposed Scheme Structure



In proportion of 50:50 (# Cities & Urban Population)

Maximum eligibility of States

Maharashtra

Orissa

Uttar Pradesh

Gujarat

Punjab

**will be in terms of annual commitment & not be housed with fund or States/cities and will be reimbursed to the cities on achieving the implementation milestones*

City Selection Process

- Cities to be selected through a “**Green Mobility Challenge**” (GMC)
- Cities to submit “**Green Mobility Plan**” (GMP) for evaluation
- Fund to prioritize the cities based on **score** obtained
- Cities in each group will compete only with cities within the groups
 - Group-1:** Cities in Hilly/NE &UTs (excluding NCT Delhi, Chandigarh);
 - Group-2:** Cities population less than 1 million; and
 - Group-3:** Cities population more than 1 million including NCT Delhi, Chandigarh)
- Approved cities will prepare **DPRs** to be appraised and approved for investment at State level
- **Indicative Conditions precedents** for Green Mobility Challenge
 - Green Mobility Plan (GMP) to be approved by UMTA (for million plus cities);
 - State undertaking for financial assistance and guarantees
 - Elected city council’s resolution supporting the GMP; and
 - Report on outcome of the citizen’s consultation process
 - Commitment with timelines on reforms

Expected Outcomes

Sustainable transport accessibility to nearly 58% of urban population

Pedestrian and Cycling facilities

8,000+ kms of footpath and cycle tracks across 103 cities



73,000+ public cycles across 58 cities



Public Transport Facilities

Improved and cleaner PT across 106 cities

1,000+ kms of BRT Network across 28 cities



Real time PIS, AVLS, cashless ticketing across 103 cities



550 Depots across 103 cities



20,000 para transit and 6000 buses on alternate fuel/ electric across 103 cities



UT Financing and Institutional Strengthening

Setting up of UMTA across 53 cities

Permanent funding for UT financing and O&M

Proposed Reforms



Setting up of and operationalizing
UMTA



Adoption of **Travel Demand Management** measures
(Parking policy, congestion pricing etc.)



Adoption and implementation of
policy for Urban Street Vendors



Setting up of **UT fund**

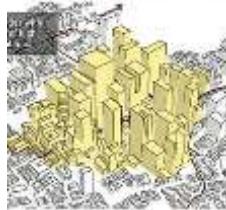
Adoption and implementation of an
Encroachment policy aimed at
ensuring availability of full right of way



Preparation of **Comprehensive Mobility Plans and integration** of
the same with Master Plan of the city/town



Adoption and implementation of **Transit Oriented Development**



Thank You

