



LEARNING FROM FRANCE



Ministry of Housing
and Urban Affairs
Government of India

**Indo-French Working Group on Sustainable Urban Development
Paris & Marseilles**

5-8 Sept 2017



URBAN TRANSPORT & MOBILITY

KEY LEARNING

- Multi Model transportation system:
 - RATP (state-owned public transport operator “Trains, Bus, Tram Services including RER)
- Grand Paris Express:
 - Create four new Metro lines with driverless trains.
 - Reduce the transit time
 - Encourage innovation & smart solutions (innovative procurement method in which companies are allowed to challenge the specifications and make innovative proposition)
- Bike sharing scheme:
 - Sole rights throughout the city; app-based and kiosk-based customer interface; investment by city government based on negotiated costs for cycles and parking sites; cycles allowed to be used in pedestrian spaces/dedicated tracks.

SOLID WASTE MANAGEMENT

KEY LEARNING

- Enforcement of waste hierarchy
 - Prevention > Reuse > Recycle > Energy > Recovery > Disposal
- Waste Management Policies
 - In 2014, France created a national program for prevention of waste:
 - By 2020, propose to **reduce all types of urban waste** by 10% (compared to 2010).
 - Introduce “**Pay-as-you-throw**” schemes for 15M inhabitants by 2020 and 25M by 2025.
 - Underground Solid Waste Management Plant
 - 3 Plants handle the entire waste generated.
 - Plant create enough power to operate the plant, heating cost of the vicinity districts.
 - Underground plant is environmental friendly

SOCIAL HOUSING

KEY LEARNING

- Social housing programmes are undertaken by French Agency for Urban Renewal (ANRU)
 - Private investment for Social Housing
 - Home Ownership (0% rate loans, reduced VAT)
 - All municipalities allocate % of land in jurisdiction for social housing
- Concept of social land lords in affordable housing:
 - Companies encouraged to invest in rental housing; given tax breaks as incentives
 - Law is in favor of the landlord rather than tenants; if defaulting on payment of rent, tenant can be evicted.

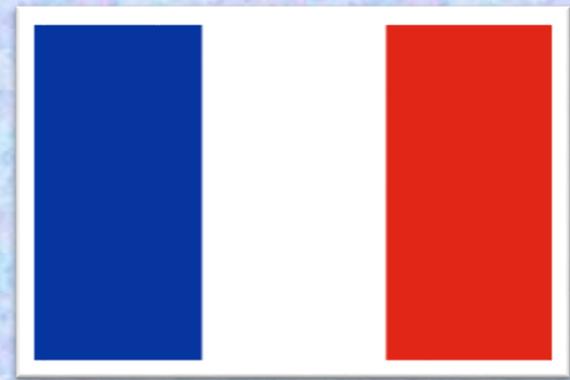
AREA-BASED RE-DEVELOPMENT

KEY LEARNING

- **Euro Mediterranee**, Marseilles:
 - Is an SPV (Urban Development Agency) managing funds from French govt., provincial govt., financial institutions and European Union; plan has been projected over 20 years
 - Urban Planning techniques and PPP used extensively
 - Largest renewal project in Europe
 - Area: 480 hectares
 - Jobs: 35,000+
 - Population: 38,000+
 - Investments: 7 Billion Euros
- **Eco-city**, Paris:
 - Being developed on the site of old Renault factory
 - Signature architects commissioned to design buildings
 - District-level water harvesting and energy management
 - Anchored around cultural centre on island in Seine

WAY FORWARD

- Renewal of MOU by end-2017; emphasis on Smart Cities, mass housing, SWM, regional rail, 'green' mobility, urban planning, heritage conservation
- Invite Euro-Mediterranee to workshop on Accelerating Smart City Development, New Delhi, November 2017
- Announce the €100M AFD support to SCM during India visit of President of France (1st week of December 2017)
- Implement the internship for 5 planners and architects from India in French urban agencies through 'Bonjour India' programme of French Cultural Centre
- Initiate DDA's collaboration with the Société du Grand Paris for development of TOD nodes for Delhi
- Evolve programmatic support mechanism between SNCF and NCRTC for the RRTS
- Explore appropriate mechanisms by which Indian cities can benefit from select French companies and their technologies, know-how and experience of urban transportation and municipal solid waste management.
- Promote the 'Mobilise Your City' initiative by CODATU at Urban Mobility India 2018
- Undertake knowledge exchange for 'Housing for All' with French Agency for Urban Renewal (ANRU)



THANK YOU