





As part of MobiliseYourCity Programme in India

The challenges to implement CMPs in India

October 12th, 2020

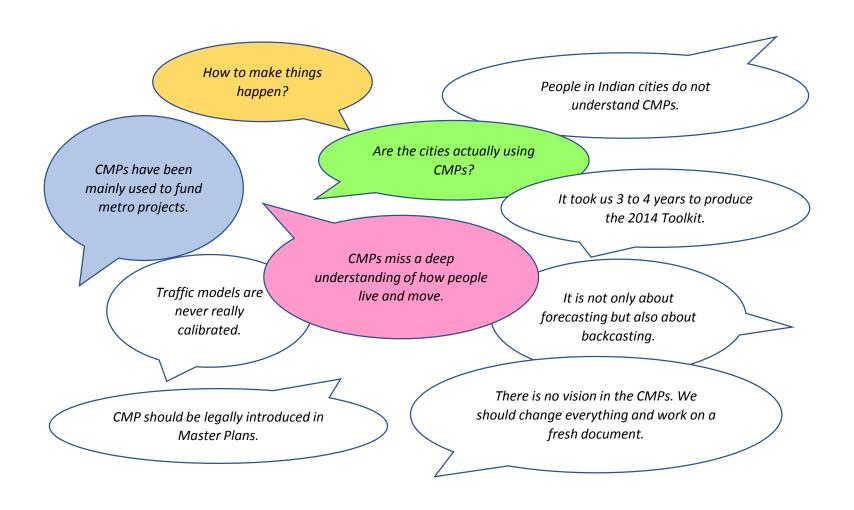


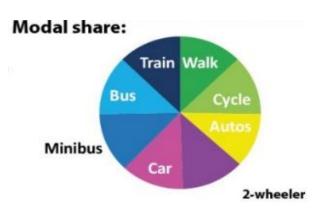


Composition of the Working Group



Verbatim collected during interviews of stakeholders



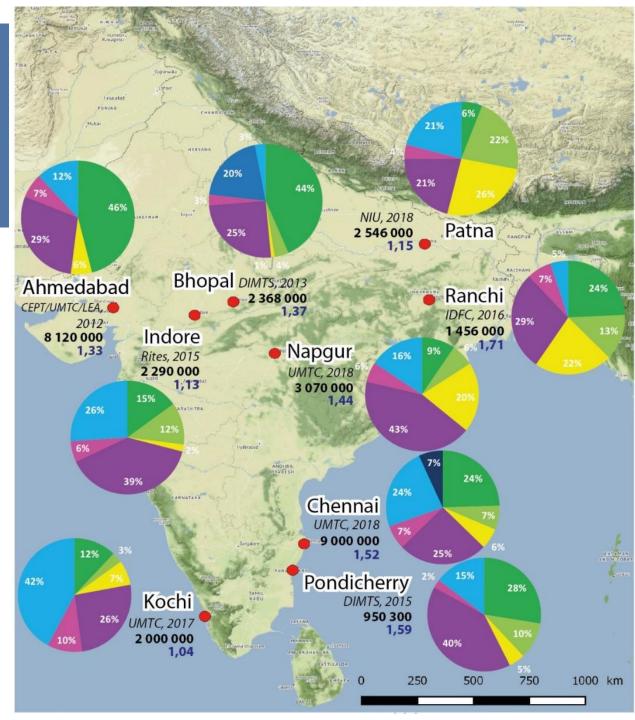




Consultants involved in the CMP prepartion, year of publication

Population

Per capita trip rate



Comprehensive Mobility Plan

Detailed Project Report Metro or any other transport project

How people live and move now and in the future?

Discussion of possible solutions

Comprehensive project for mobility in the city

How to ensure that things will happen? How can CMPs become a more useful tool? How the National State, the Local States and the Urban Local Bodies should get organized?

'Foster a wider approach of mobility, more strategic and also more practical'

'The approach should not only focus on the results of a traffic forecast model'

'Double check the representativity of sampling for surveys,

especially regarding genders'

'Promote **a new mindset**'

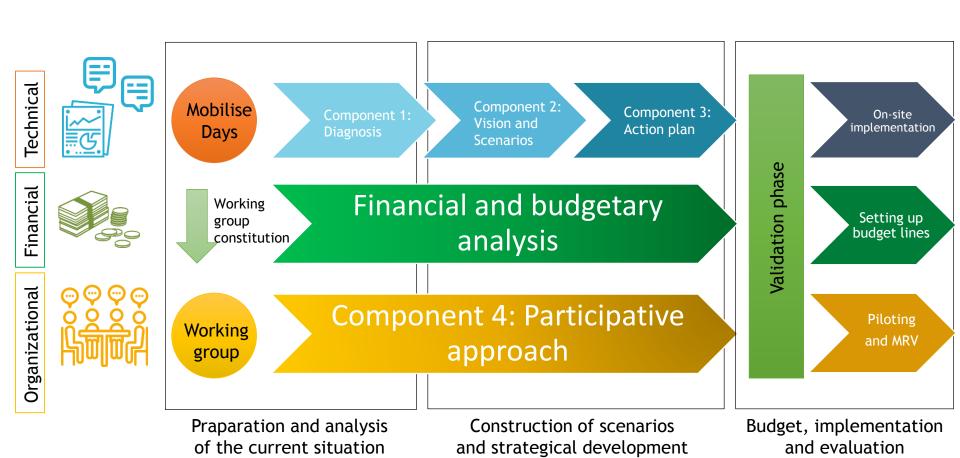
'CMPs should be mandatory and more connected to the Master Plan' 'Both documents should incorporate each other, but not merge'

'CMPs should involve people and be more understandable for a common person'

'CMPs should be participative with the production of 2 versions: an easy-to-read communication document and a technical detailed report'

'Approval of the CMP should be made by more than one institution'
'The institutional framework should be reviewed so that all stakeholders discuss'
'A new law or by-law might be needed to empower the tool
and to make it approved by several institutions'

Lessons learned from the MYC methodology



The diagnosis

- 1. Useful to compare past and current mobility structures by modes of transports, and establish connections between demographic / mobility / urban analysis
- 2. The social analysis of the mobility patterns might be developed (gender issue, evolution in the coming years, youth...)
- 3. Good to have data that can be projected in the future

Scenarios and Strategy development

- 4. Reconnecting the vision for the future of mobility with the evolution of ways of life, and the evolution of the city itself might help in defining an adequate strategy for the territory.
- The effects of the proposed CMPs on the land use and urban development might be clarified.
- **6.** Walk must not be forgotten!
- 7. The solutions suggested in the scenarios might be **financially analysed** to be consistent with the financial capability of the territory.

Funding plan, Validation, Monitoring

- 8. Identifying priority actions such as
 - quick-wins,
 - actions to minimise investment costs/operation costs for mass transit,
 - actions favouring the neighbourhood mobility

can help to set up a realistic

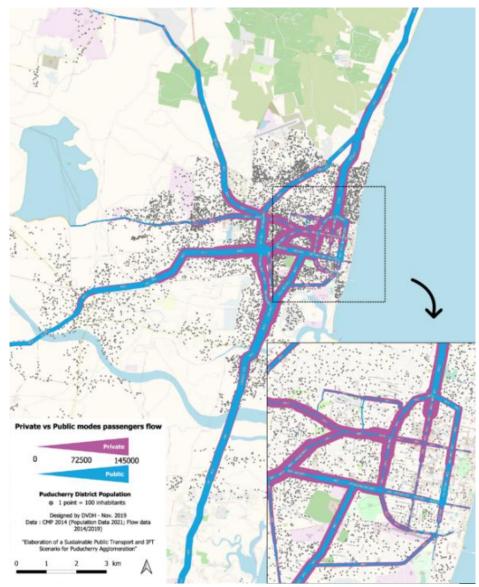
- funding plan.9. Prioritise
- 9. Prioritise all the projects and measures and associate them to a leader responsible for implementation might help to improve the follow up of the CMP implementation.
- 10.MRV requirements are barely mentioned whereas it is an important aspect of the follow up! A mobility observatory might be a solution.

The Participative approach

- 11. The future version of the Toolkit might insist on the importance to establish close ties between the relevant parties or institutions involved in the mobility sector. An emblematic project can help to raise a consensus on a common vision for the future of the city, its mobility pattern and the future of the quality of life of its inhabitants. It will help to "make it happen".
- 12.A working group could be created, as Step 1 of the elaboration of a CMP. The Working Group shall have regular/periodical meetings to follow the progress of the CMP and proposition of further improvements. It has a consultative aspect, advising the Technical Committee or decisional group, usually smaller than the Working Group.

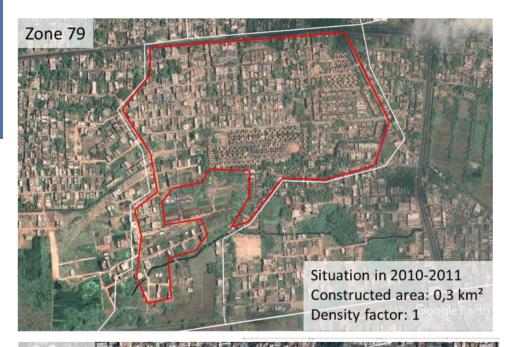


- Useful to compare past and current mobility structures by modes of transports, and establish connections between demographic / mobility / urban analysis
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- 3. It might be convenient to explore what might be the **future of mobility** in a Business-as-usual scenario during the phase of Diagnosis



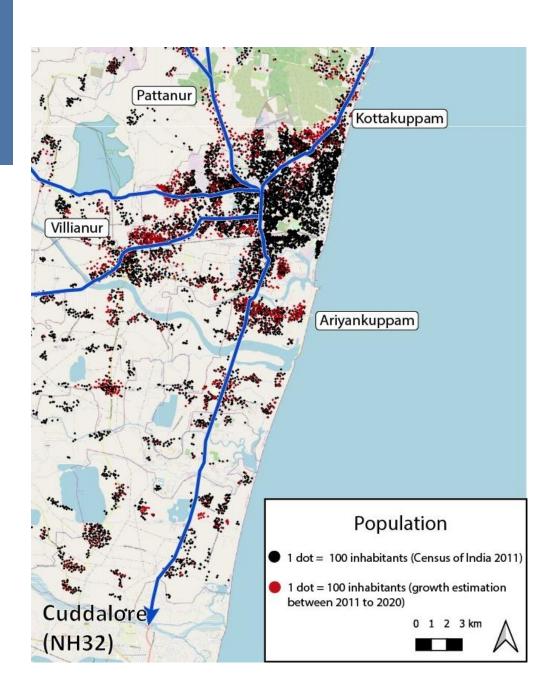
In the central area, 2-wheelers and other individual private modes (in purple on the map) are predominant over buses and other collective public modes (in blue on the map). However, buses are still frequently used along the East Coast Road to go to Cuddalore or towards Chennai, on NH32 to go to the Jipmer, and on NH332 to go to Villianur.

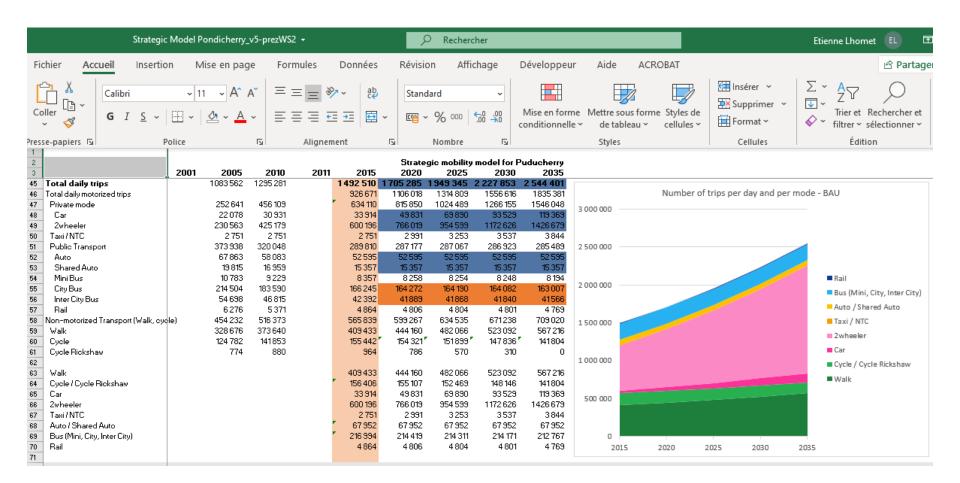
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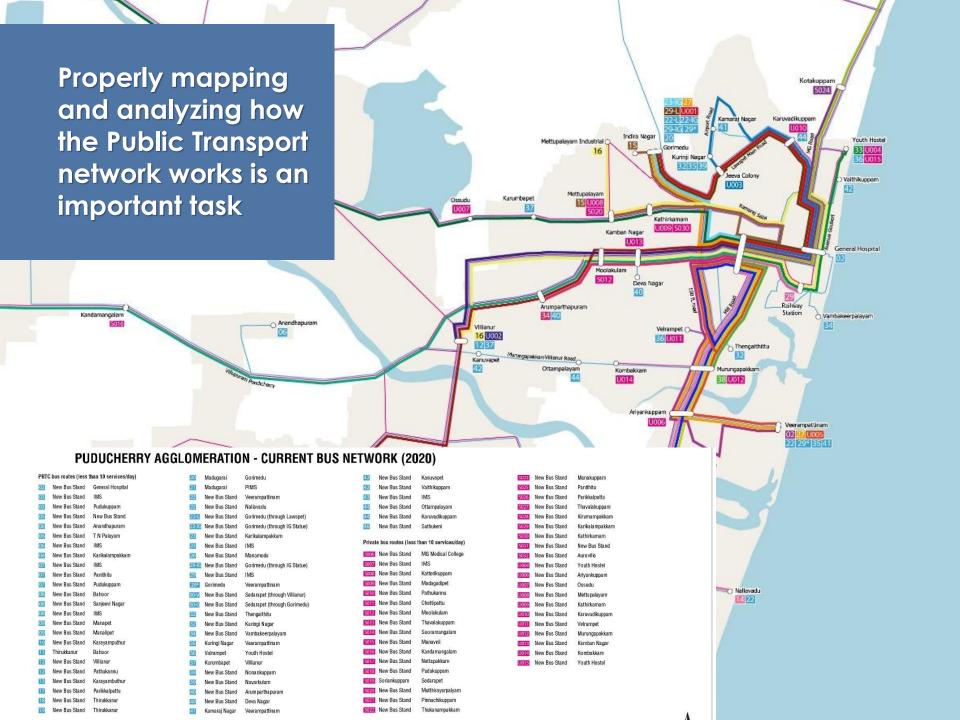


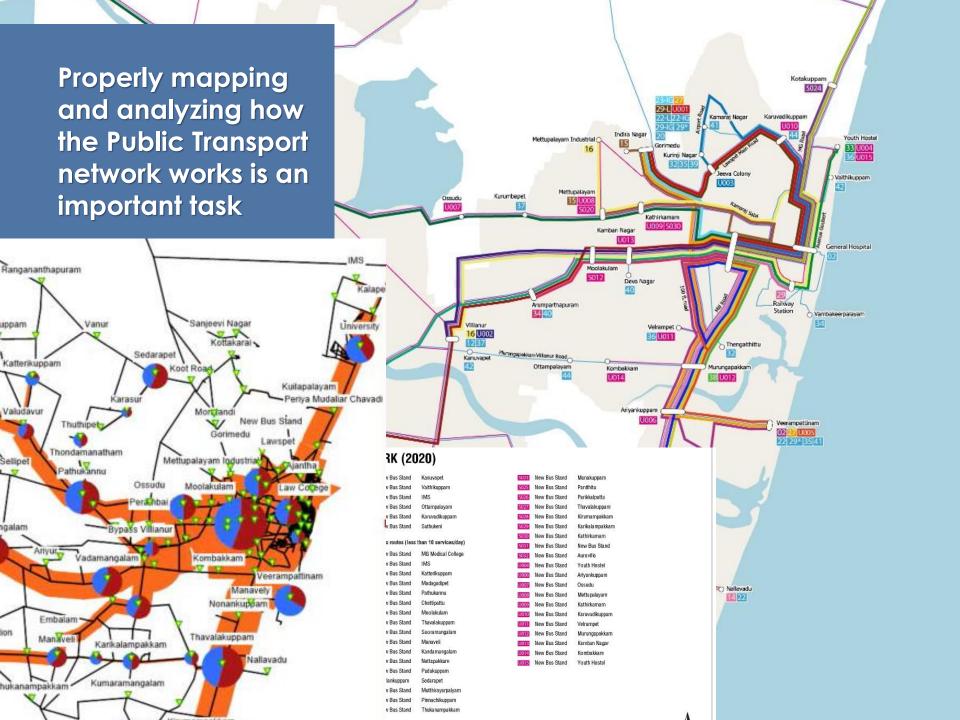
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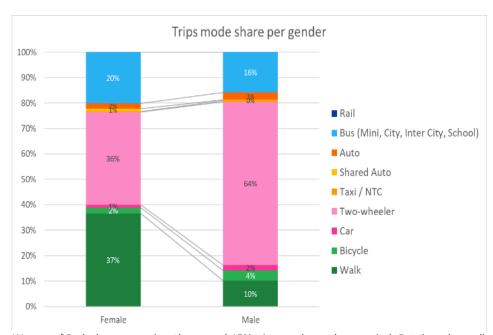








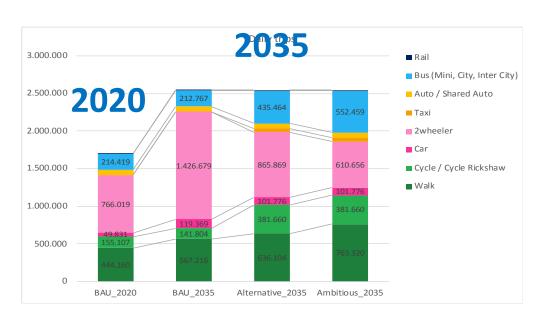
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Women of Puducherry move less than men (-15% trips per day and per capita). But they also walk much more, more often take buses and far less often ride 2-wheelers.

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Scenarios and Strategy development

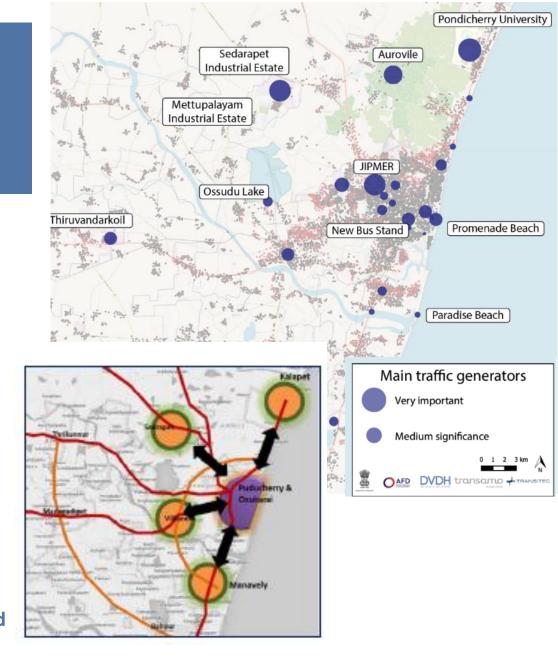
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- 5. The effects of the proposed CMPs on the land use and urban development might be clarified.
- **6.** Walk must not be forgotten!
- 7. The solutions suggested in the scenarios might be financially analysed to be consistent with the financial capability of the territory.





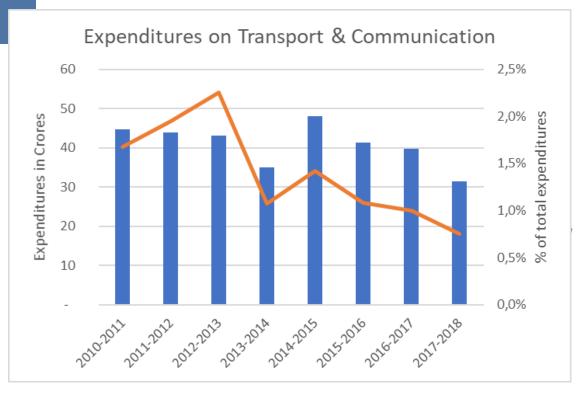
Scenarios and Strategy development

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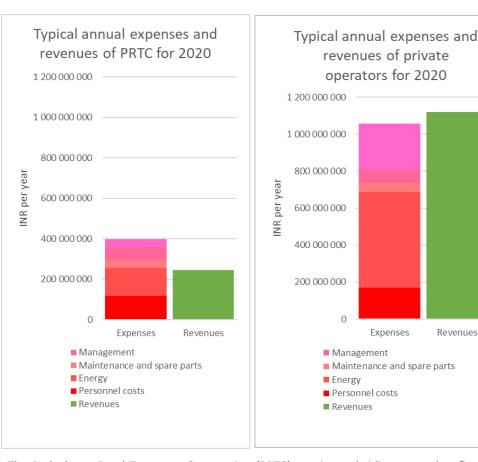


Limited financial resources are available to impulse a modernisation of the bus sector. The process of change should rely on a new organisation and some limited cost-effective measures.

Scenarios and Strategy development

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Development of alternative scenarios for Pondicherry, India



The Puducherry Road Transport Corporation (PRTC) requires subsidies to reach a financial balance, and the private sector makes little benefits. In both cases, no financial resources are available to modernize and upgrade the technical system.

Expenses

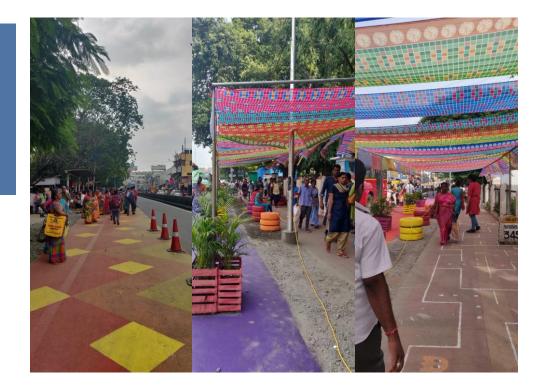
Revenues

Funding plan, Validation, Monitoring

- 8. Identifying priority actions such as
 - cost-effective measures (quick-wins),
 - actions to minimise investment costs/operation costs for mass transit,
 - actions favouring the neighbourhood mobility (complete street)

can help to set up a realistic funding plan.

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How many 2wheelers, cars, Statistical mobility autos, passengers? Where database: road counts, are the major flows? mobility surveys, number The major generators? of vehicles Local Governmen Lòcal Explaining to people bodies How do people live and what is actually going on in the sector of mobility Low and high incomes. Reports and events: **Small team** population, flows, Sociological analysis: of the vehicles, CO2 and household surveys, **Observatory** pollution. focus groups of Mobility Academic Comparison with the investigations CMP road map **NGØs Economica** leaders How many inhabitants? **General Socio-**

economic data:

demography,

employment, financial resources

Jobs? Financial

resources?

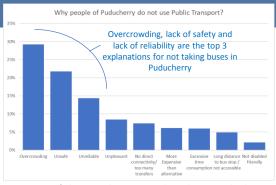
The mechanics of an Observatory of Mobility

SPVs

sector

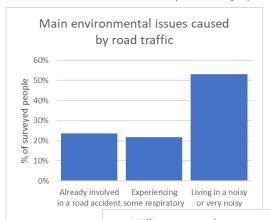
Operators

Composition of the Working Group



85.4% of the population say they do not take buses, mostly because of a poor customer experience

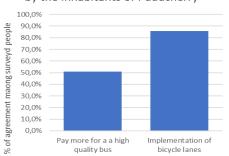
Institutional stakeholders (national and local level)



Civil society (NGO, citizen association, representatives of local neighborhood...)

Mobility generators (ie. market places, universities, hospital, railway stations or airports....)

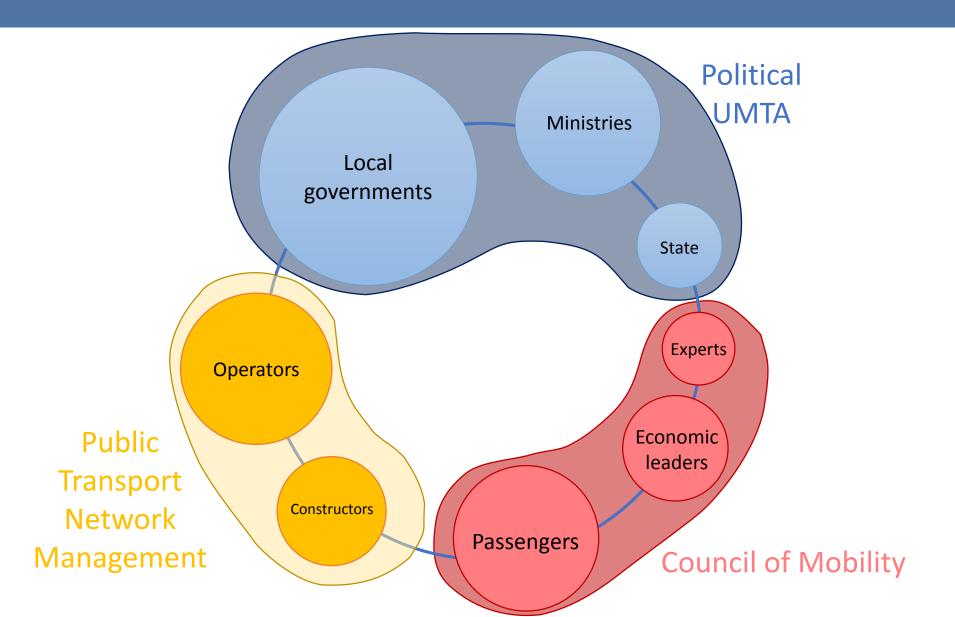
Willingness to change as expressed by the inhabitants of Puducherry 90,0%



Academicians (researchers, scientist, experts in the field of mobility, public health, urban planning...)

O&M stakeholders (operators of all kinds of transport system from metro to rickshaws)

How to make it happen?









Preparing a Comprehensive Mobility Plan (CMP) A Toolkit



September 2020







Foreword

The need for mobility planning has never been so important in indian cities of Course, the challenge of the climatic change is here, but Indian cities also need to improve the quality of file of all inhabitants, especially those belonging to vulnerable groups such as low-income families, women, children, elderly, and disabled persons. A rational management of mobility will make deally trips easier and more comfortable, and will also reduce the GHS emissions, air pollution, noise in our cities often overwhelmed with 2 and 4-wheelers.

Experience has shown during last years that constructing mass transit systems in most important cities is without doubt necessary but not sufficient. This is why the Metro Rail Policy of 2017 emphasizes on the concept of integrated public transport networks serving the whole city. The recent Mobility Pour City initiative also brings some new ideas and sources of inspiration: new methodologies for Sustainable Urban Mobility Plans focusing on the reduction of CO, emissions, implementation of observatories to mobility, proposals for a National Urban Mobility Policy.

The update of the Tookki for the preparation of Comprehensive Mobility Plans aims at taking advantage of these new ideas. The collaborative work developed with various official institutions, members of the Academic sector, international donors, Non-Governmental Organisations and consultants, identified several precise topics which should be reviewed such as a more participative approach, a better understanding of how people live and organise their day trips, a more realistic assessment of financial capabilities of oties, a more efficient monitoring system controllers.

Preparing a Comprehensive Mobility Plan - A Toolkit 3

Our skilful Transport engineers, Urban Planners, Environment Experts will certainly propose some wise and efficient Comprehensive Mobility Plans to our Indian Clebes, taking advantage of this new version the Comprehensive Mobility Plans Toolkit. But this is not enough, All should have in mind a basic and crucial question: How to make it happen? How to ensure that the recommendations of the final Plan of Action will be implemented and will improve the daily mobility and conditions of file of citizens? Each professional should bring his own answer depending on the local context.

The respect of the guidelines of the present manual, and the expertise and goodwill of each stakeholder, are essential to overcome the huge challenges that Indian officer must overcome to become more sustainable, more resilient and easier to live within the coming riceardies.



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THANK YOU



