



सत्यमेव जयते
Ministry of Housing
and Urban Affairs
Government of India



EUROPEAN UNION



Webinar on Road Safety & Role of Tactical Urbanism

Monday 6th July 2020

DVDH
DES VILLES ET DES HOMMES

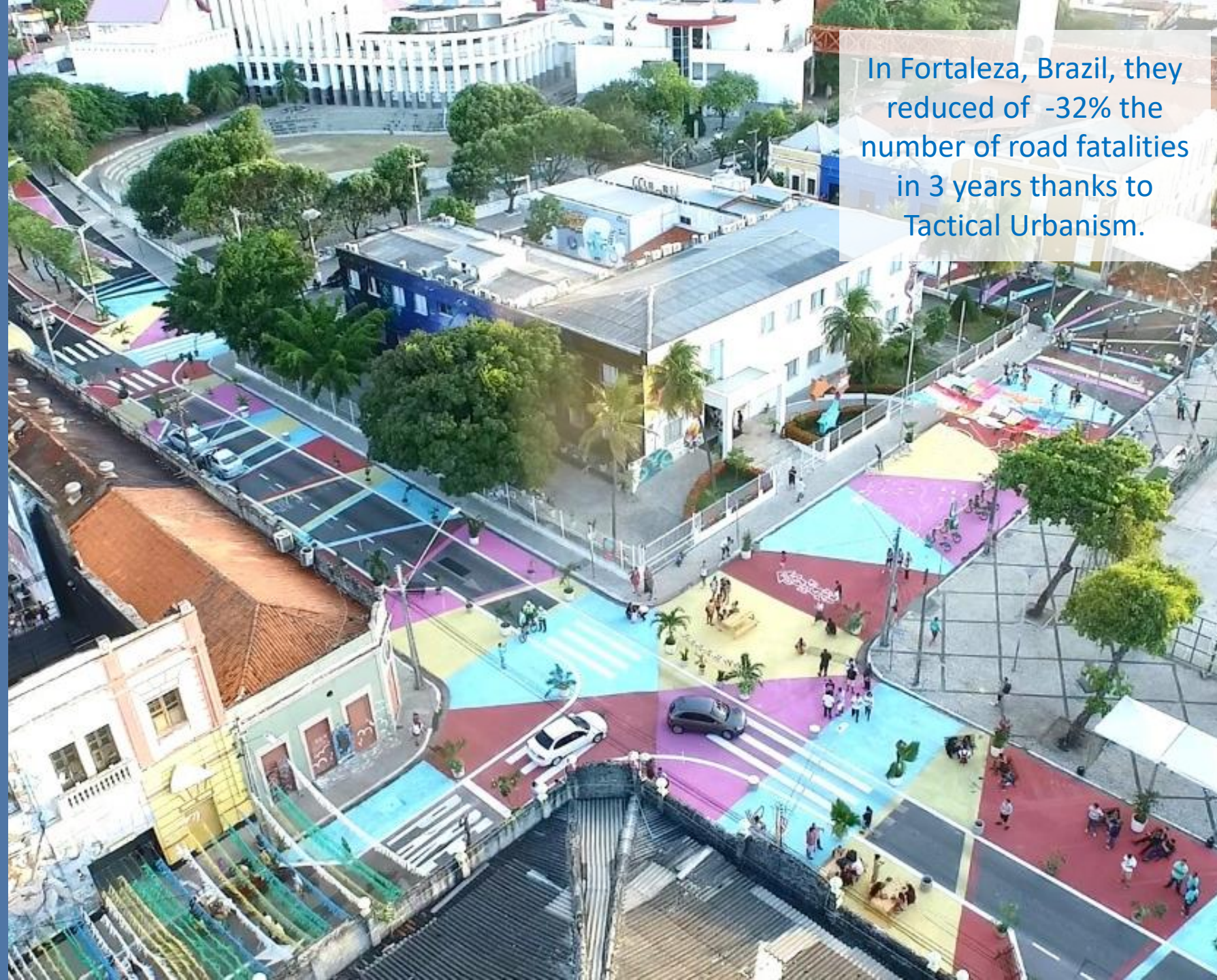
The role of Tactical Urbanism to make our streets safer

Is it a good option for Indian cities?

1. What is Tactical Urbanism?
2. How Fortaleza in Brazil drastically reduced road fatalities thank to Tactical Urbanism
3. How to use the Covid crisis to change our cities through Tactical Urbanism?
4. A few examples of Indian projects of Tactical urbanism

1 - What is Tactical Urbanism?

- The art to show that another way to live & move in the City is possible
- Another experience of the City
- First experiences in Brazil and Latin America
- Successful experiences in India
- Can be implemented at the end of a SUMP or at the end of a Feasibility study as a Proof of Concept
- Can also be recommended as a Short term Quick-win action to start to implement a SUMP -> not losing the momentum



In Fortaleza, Brazil, they reduced of -32% the number of road fatalities in 3 years thanks to Tactical Urbanism.

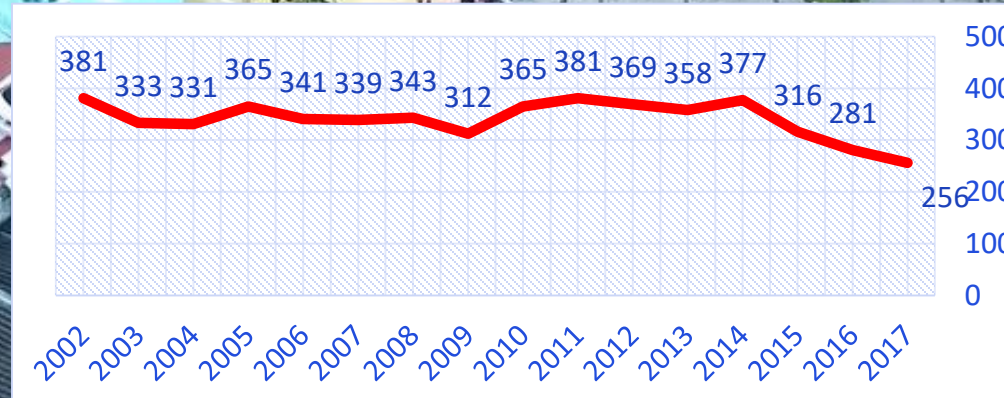
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Road fatalities per year in Fortaleza



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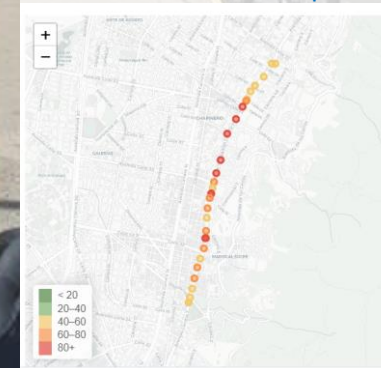
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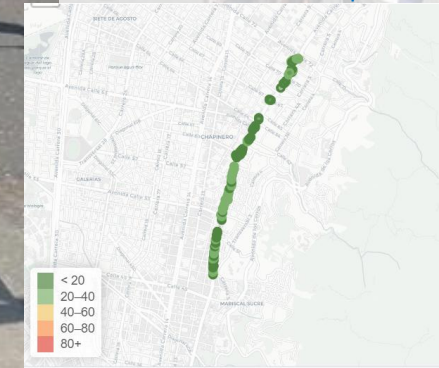


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PM2.5 on Thursday morning in Avenida Septima



PM2.5 on Sunday morning in Avenida Septima



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Project for MG Road

Project for Edapally junction

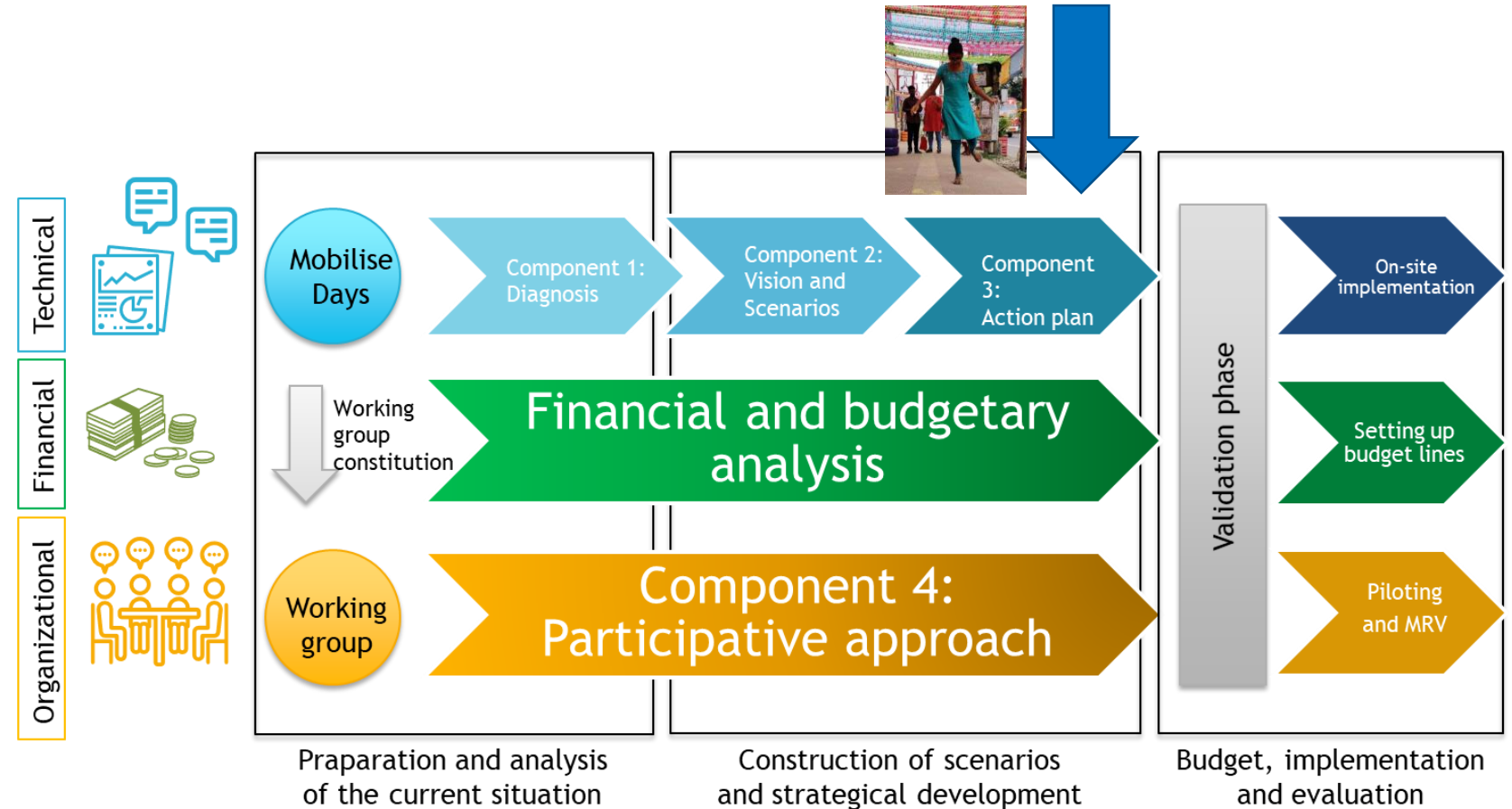


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Tactical Urbanism can be a valuable tool to start the implementation of a Sustainable Urban Mobility Plan

Here, to convince all stakeholders of the adequacy of the proposals, as a Proof-of-Concept.

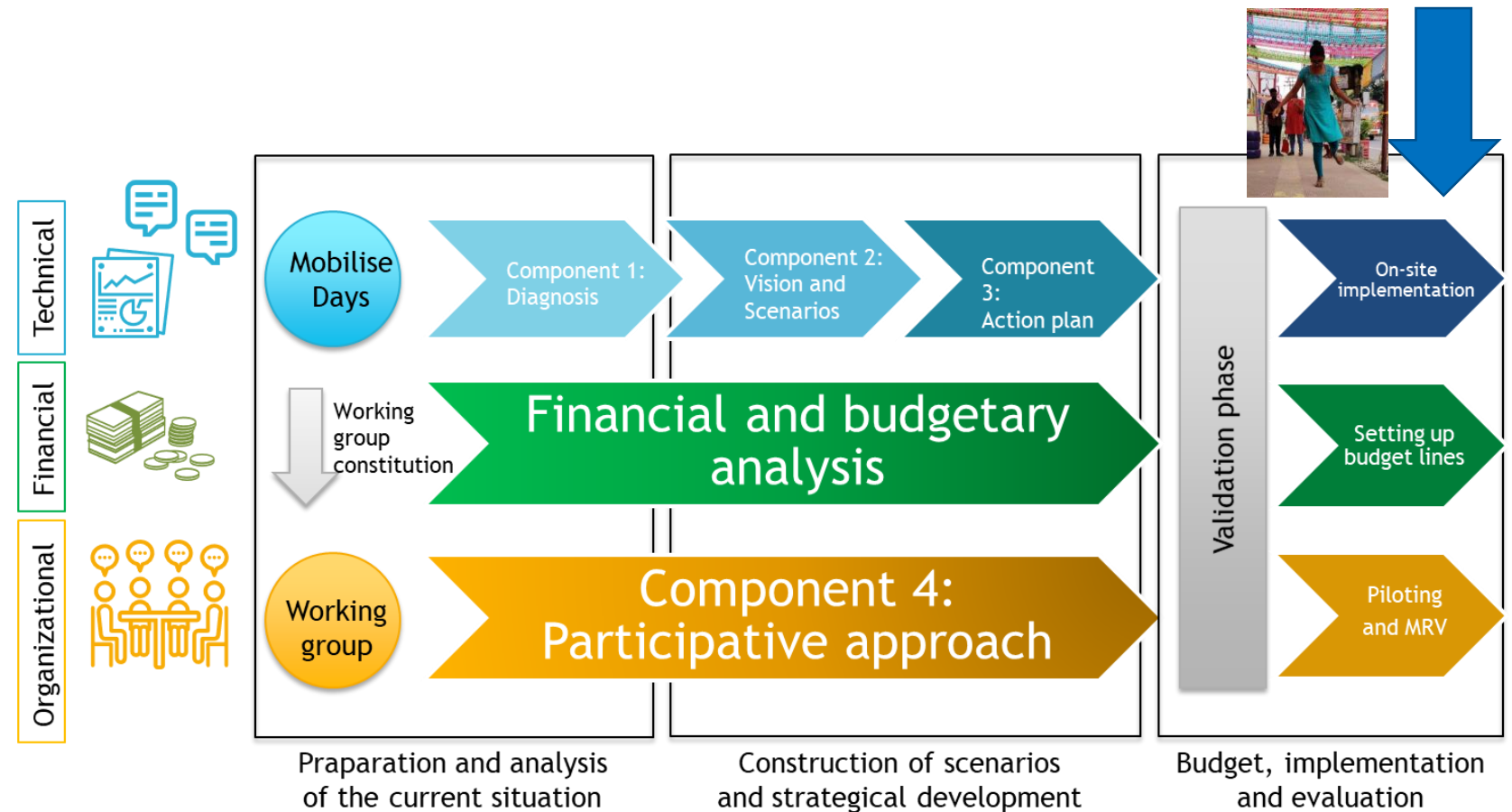


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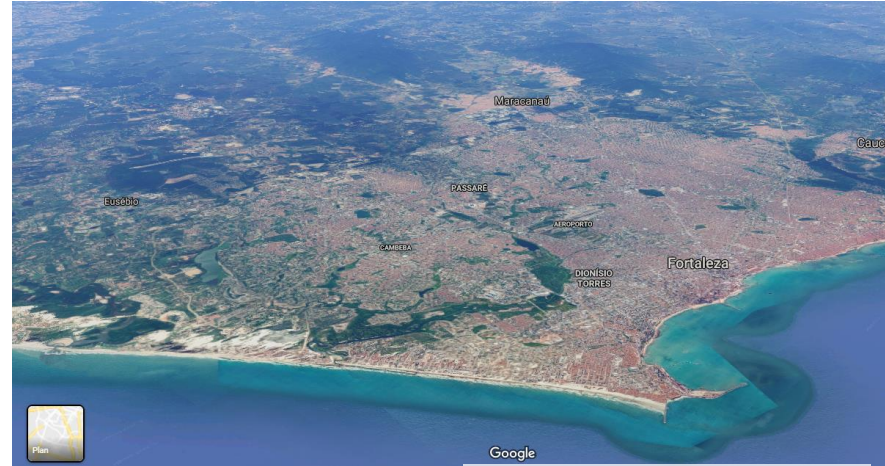
Or there, to be sure not to lose the momentum after the delivery of the Final report.



2 – The showcase of Fortaleza (Brazil)

- A 2.6 million inhabitants city with more than 1.1 million cars
- Big road safety issue: 1918 pedestrian fatalities between 2004 and 2017
- They set up and applied a Plan of Immediate Action for Mobility to improve road safety, reduce CO2 emissions and a better quality of life.
- They used Tactical Urbanism as a Proof-of-Concept to favor bikes, public transport and pedestrians
- Excellent measurable results and international recognition

Fortaleza is a balneary city with a very dense CBD and some sprawled suburbs



281 fatalities in 2016. They decided to react.



They prepared and implemented a Plan of Immediate Action.

Plano de ações Imediatas de Transporte e trânsito



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In Fortaleza, they started to paint some bikes lanes on the streets: 68 km ->242 km, +153% of cyclers.

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Bus lanes in 2012

Bus lanes in 2018

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ANTES
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VILA MANOEL SÁTIRO

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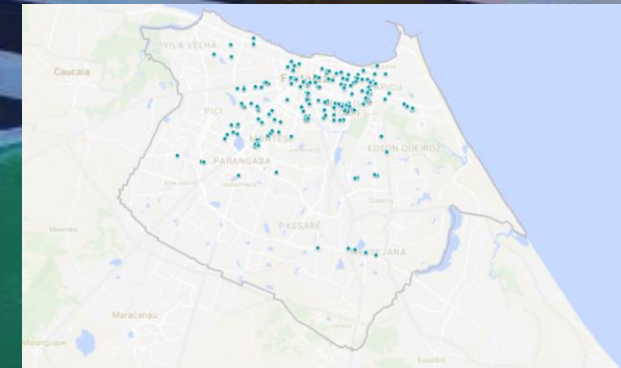
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More than 180 junctions were redesigned -> -57% of accidents



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In Fortaleza, they pedestrianized some streets.



Before: only 21% of space for pedestrians

Now: 73% of space for pedestrians



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Fortaleza, Brazil Wins 2019 Sustainable Transport Award

June 29, 2018



Information coming from Mariana Gomes, Govt of Fortaleza

3 – How to use the Covid crisis to change our cities through Tactical Urbanism?

- Covid crisis -> social distancing -> more buses to keep passengers safe, -> more bike lanes, -> wider sidewalks
- An opportunity to accelerate the metamorphosis of our cities
- Cheap, fast and easy-to-implement measures -> Tactical Urbanism
- The French Government has recently clarified regulations to foster Tactical Urbanism through dedicated toolkits



In many French cities, some provisional bike lanes popped up during the Covid crisis and might become permanent.

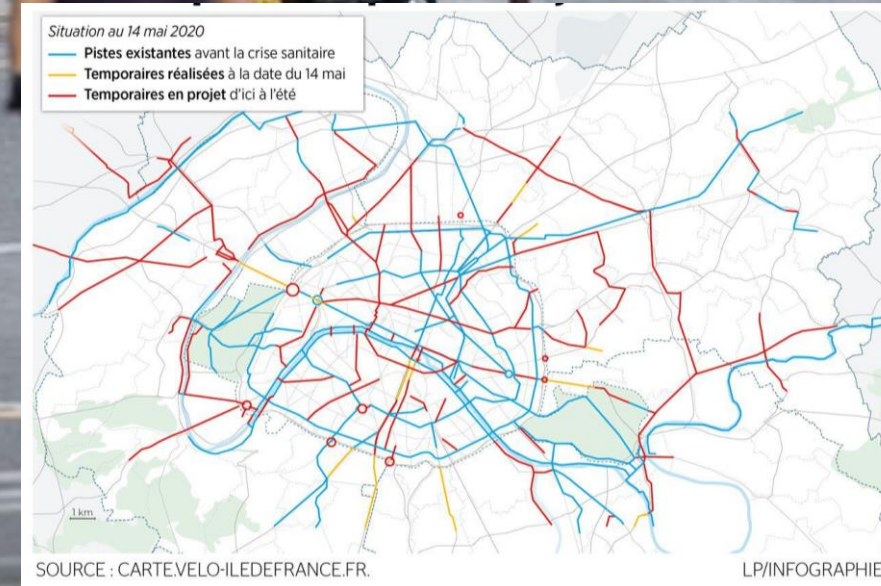
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More than 600 km of new bike lanes to be constructed during summer 2020 in Paris (in red)



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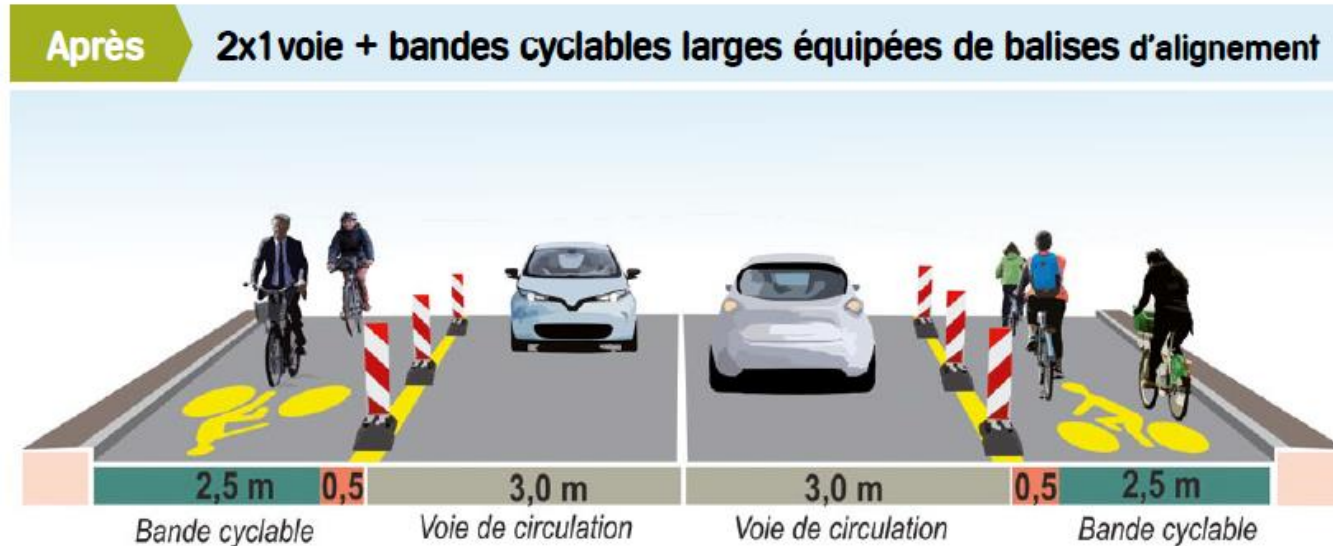
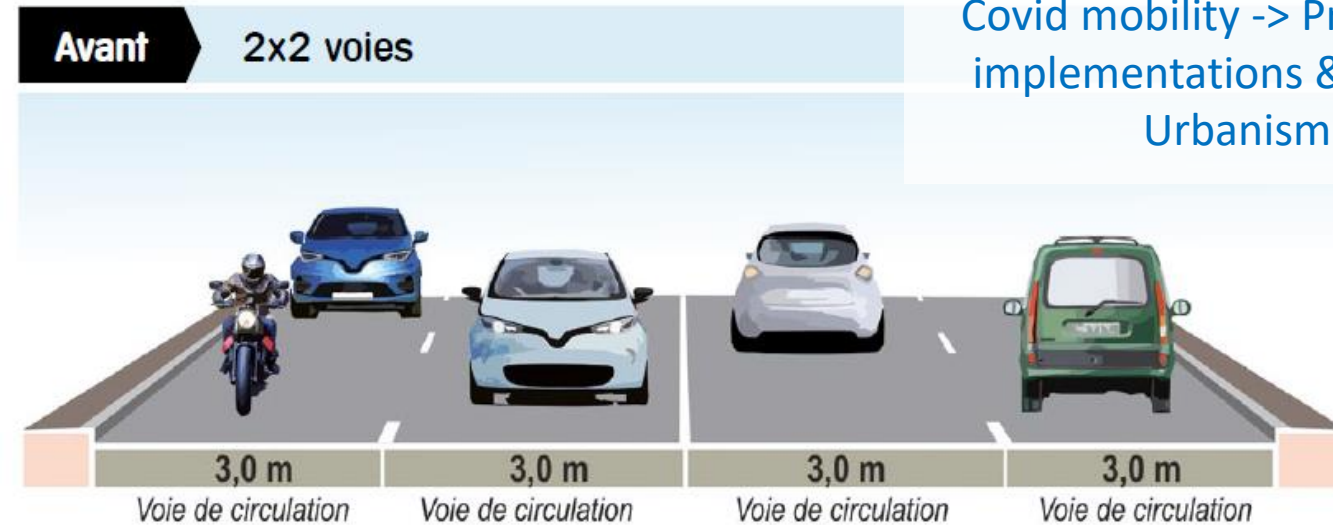
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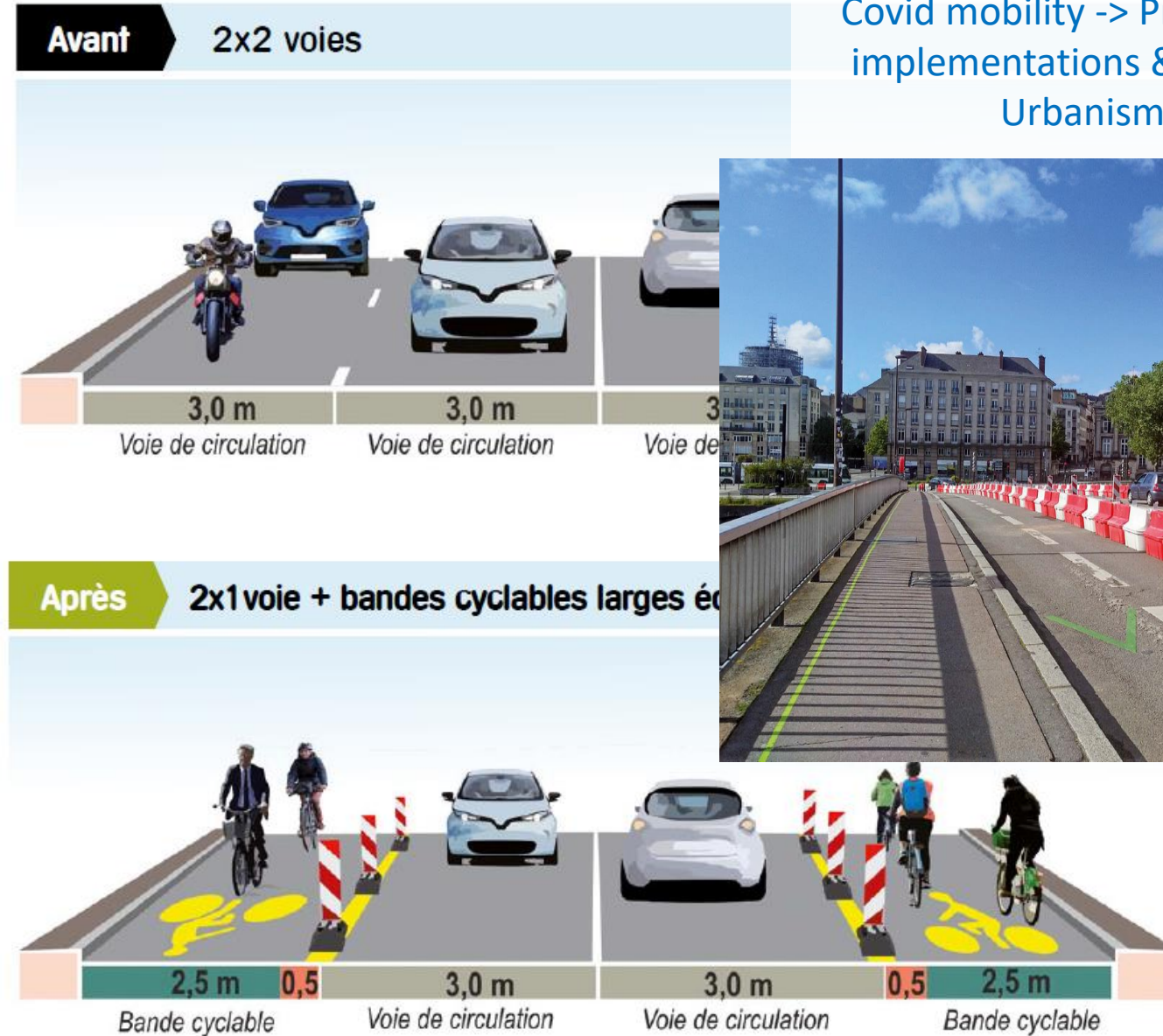
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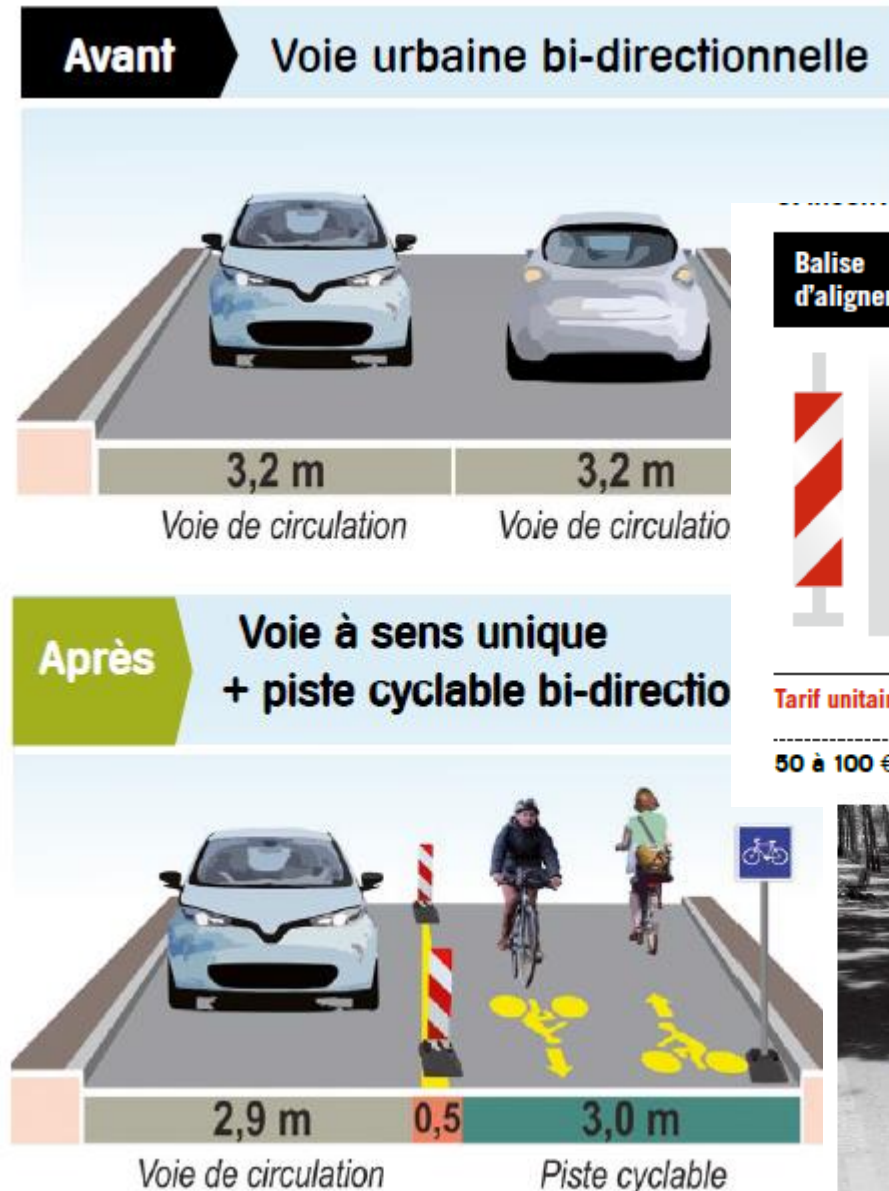
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Tarif unitaire HT
50 à 100 €



Tarif unitaire HT
40 à 100 €



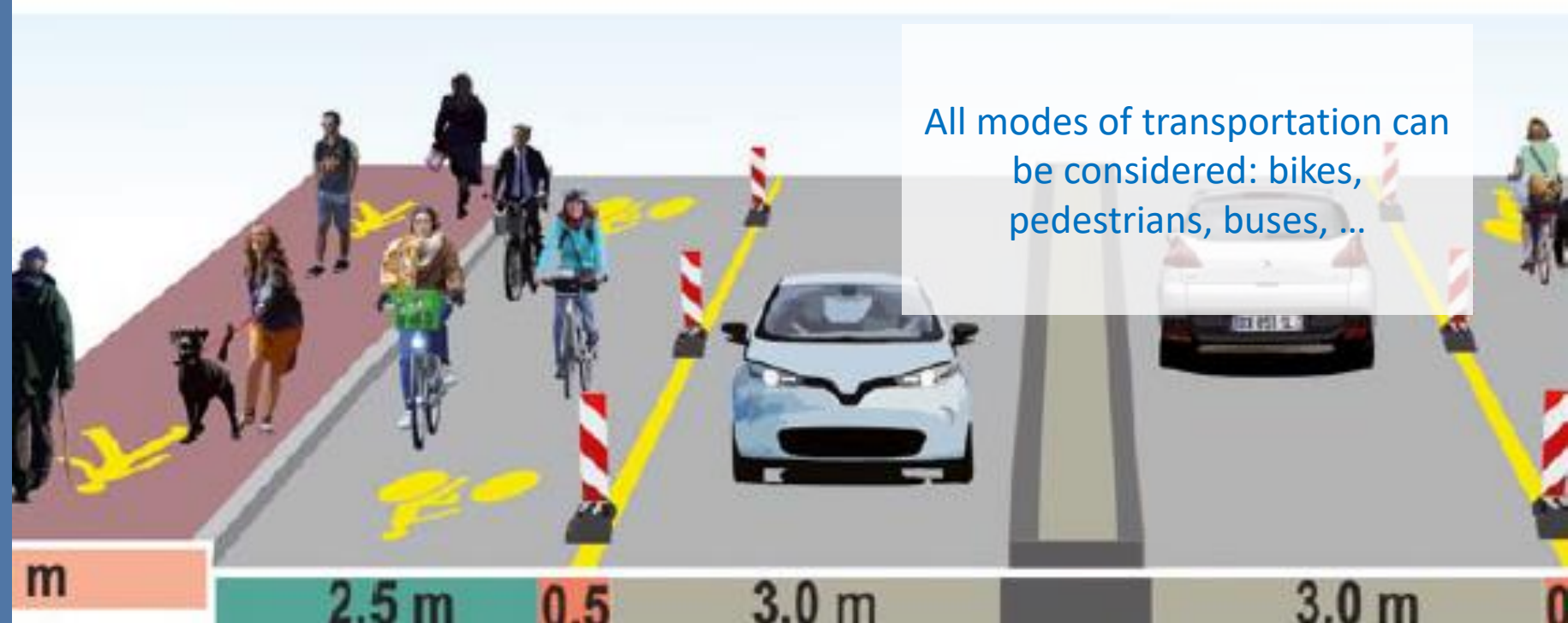
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Source Zicla

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All modes of transportation can be considered: bikes, pedestrians, buses, ...



4 - A few examples of Indian projects of Tactical urbanism

- Raahgiris are some successful examples of Tactical Urbanism
- In Coimbatore, the showcase of painted streets proved to be a success
- In Puducherry, a new project of Tactical Urbanism might be a Proof of Concept for a possible reorganization of public spaces (early 2021)



Pictures of a Raahgiri events. More than 20 Indian cities have started to implement some Happy streets events.



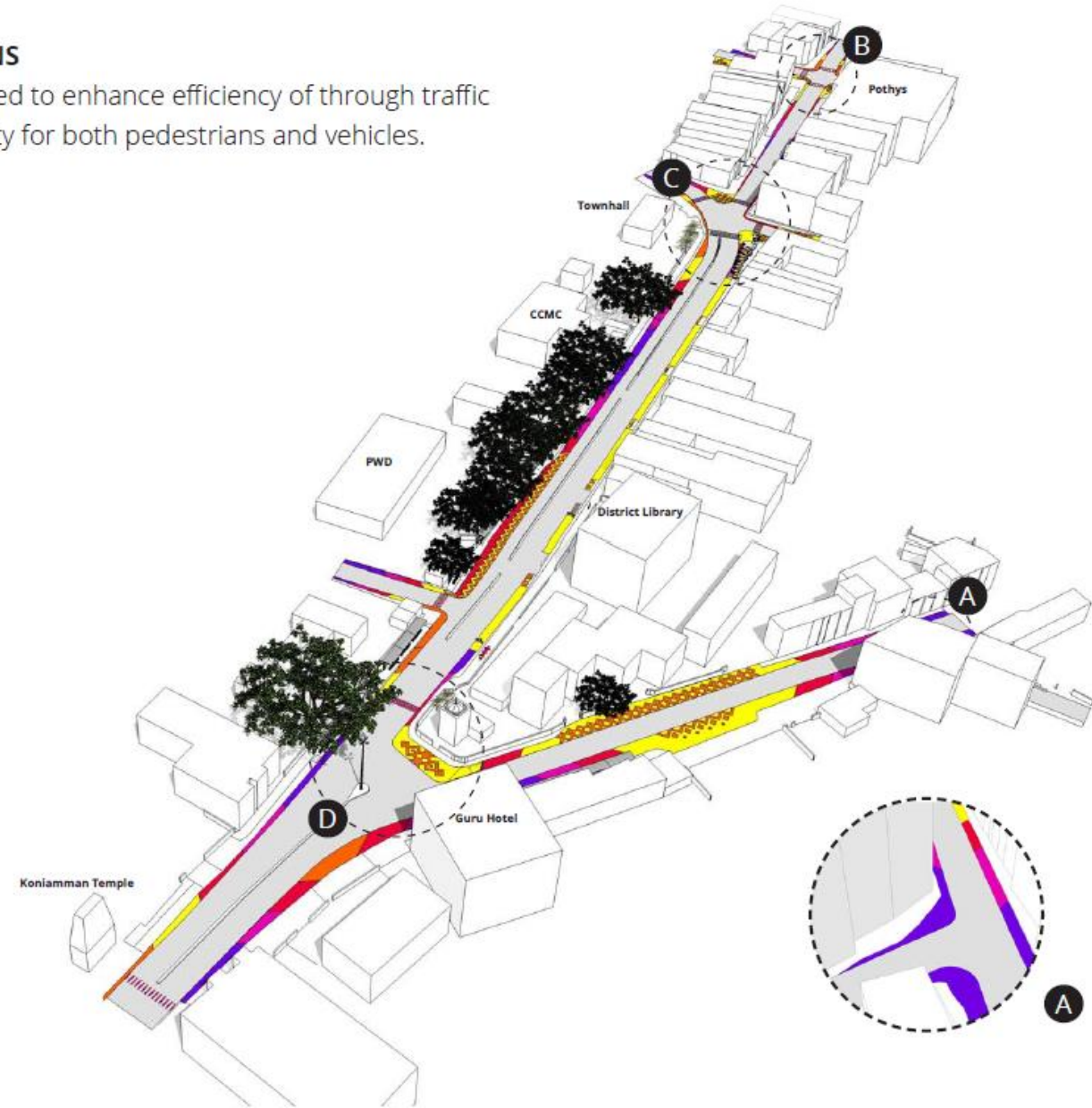
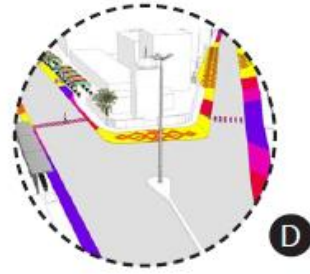
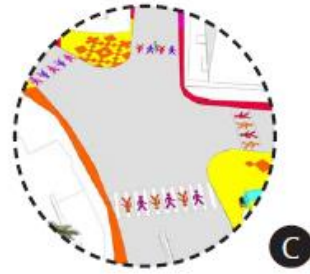
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Pictures of a project in Coimbatore designed and implemented by the Urban Design Collective

REDESIGN OF INTERSECTIONS

The intersections are redesigned to enhance efficiency of through traffic while also improving road safety for both pedestrians and vehicles.



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No place for pedestrians

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A Tactical Urbanism Project is to be implemented as a Proof of Concept to show that a different life is possible. As already done by the Puducherry Govt along the Promenade.



Ministry of Housing
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EUROPEAN UNION



AFD
AGENCE FRANÇAISE
DE DÉVELOPPEMENT

Thank you

DVDH
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