



  
**INDIA  
CYCLES 4 CHANGE  
CHALLENGE**

**ONLINE WORKSHOP 5**

**Towards a  
city-wide  
transformation**

**20<sup>th</sup> October '20, Tuesday  
3.00PM – 4.30PM IST**

**INTRODUCTION**

by Mr. Rahul Kapoor,  
Director, Smart Cities Mission,  
Ministry of Housing and Urban Affairs

**PANEL DISCUSSION WITH CITIES  
DESIGN PROCESS AND LEARNINGS  
FROM IMPLEMENTATION**

by Vadodara, Bengaluru, New Delhi

**PRESENTATION + Q&A SERIES**  
Moderated by ITDP India Programme

**SCALE-UP STRATEGY AND  
EVALUATION PROCESS**

**HOW TO DESIGN INCLUSIVE STREETS  
FOR CYCLING AND TEST PILOT  
INTERVENTIONS**



We will start the  
session at 3PM IST





# INDIA CYCLES 4 CHANGE CHALLENGE



# CONGRATULATIONS CITIES!

On creating **fantastic design solutions** for safe cycling and  
**phenomenal community engagement** for India  
Cycles4Change Challenge



## INCLUSIVITY

Women on their core teams

**52 CITIES**

Efforts taken to include vulnerable communities

**37 CITIES**

## COMMUNITY ENGAGEMENT

Perception survey rolled out

**54 CITIES**

Total number of survey responses collected

**57 010**

Initiatives for citizen engagement

**49 CITIES**

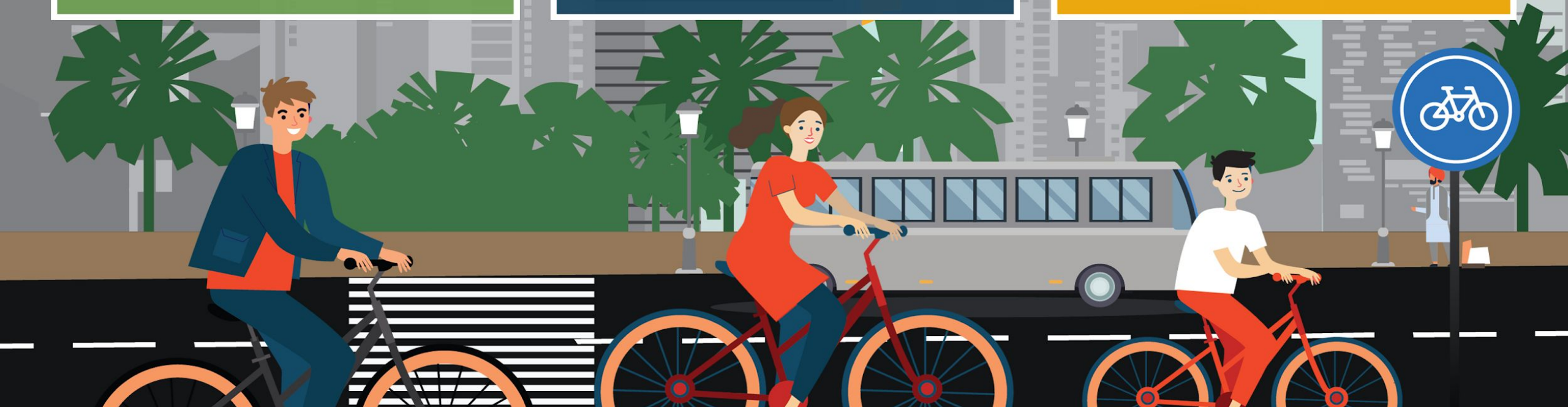
## PILOTS IDENTIFIED

Total corridor pilot length across the nation

**370 KMS**

Total neighbourhood pilot area across the nation

**210 KM<sup>2</sup>**





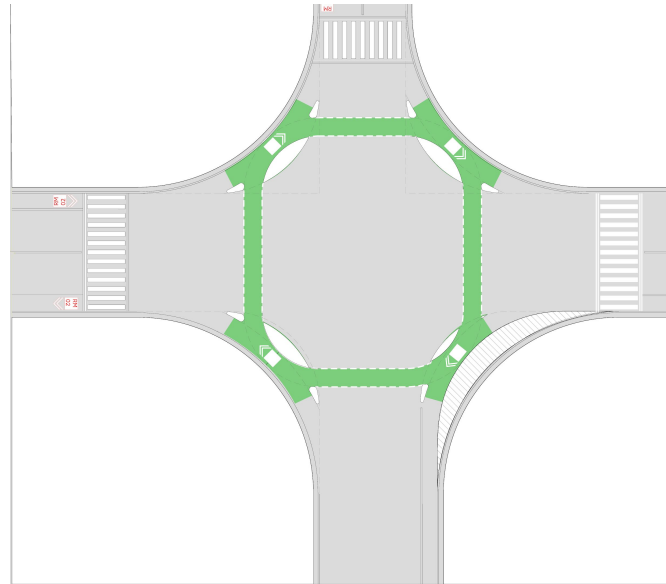
# A glimpse into the initiatives on Gandhi Jayanti...





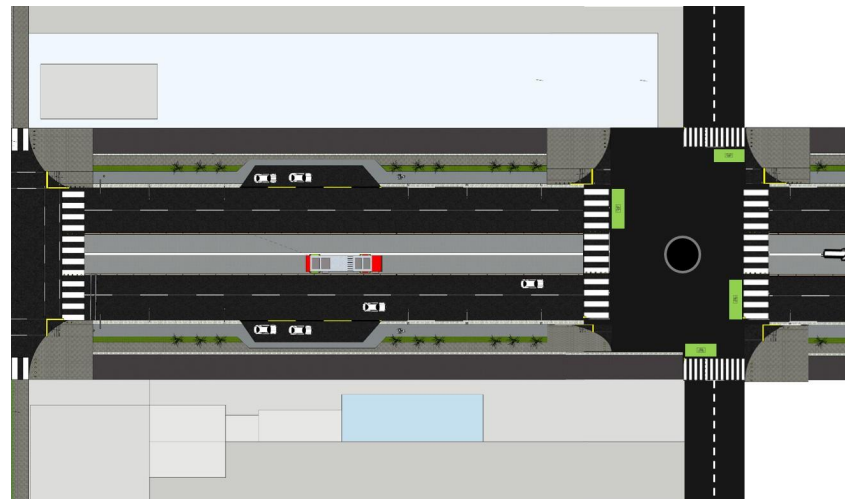
# Many of you have conducted the handlebar survey...

## It's time to take the next step!



28

**Cities have initiated the design process**



27

**Cities have included the community through discussions**





**Let's take a look at the  
Submission Requirements**

# What does the submission for Stage 1 include?



**Pilot intervention**



**Scale up strategy**



**Building support for cycling**

We will share the template with you shortly.

# What does the submission for Stage 1 include?



**Pilot intervention**

+



**Scale up strategy**

+



**Building support for cycling**



# Scale-Up Strategy

The scale up strategy for Cycles4Change Challenge has **3 key components**:



# A. Cycling Plan

Draft the **Scale-Up Cycling Plan** for 2021-'22

- Expand the pilot corridor and neighbourhood
- Make existing sites permanent
- Consider additional sites

Organise **consultation meetings** with stakeholders

- Government agencies
- Citizens

Identify **funding sources and investments** for the Cycling Plan



# B. Non-Motorised Transport (NMT) policy

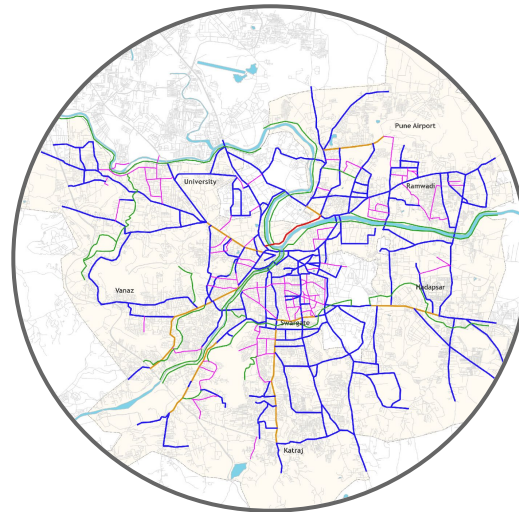
## Why NMT policy?

To sustain the momentum from the national Challenges and prioritise cycling and walking infrastructure in the city in the long-term.

## Goals :



To set a **vision for the city** and embed the process to TEST-LEARN-SCALE



To prioritise **investment for cycling and walking** in Govt budgets



To ensure **accountability** by creating an **institutional framework**



# B. Non-Motorised Transport (NMT) policy

We will share a **policy template** shortly!

Make **revisions to the existing policy**  
or  
**Modify the policy template** shared by us

Share it with other **Government departments** for feedback

Share for **public consultation**



# C. Institutional Setup

**Create an Apex Committee** to oversee the NMT development in the city



**Obtain approval for a NMT Cell** in your ULB

## **Role of Apex Committee**

- Adopt NMT policy
- Approve and monitor cycling & walking projects
- Review designs
- Approve budgets
- Participate in public meetings

## **Role of the NMT cell**

- Plan, design and implement cycling & walking projects
- Conduct capacity building workshops
- Hold stakeholder discussions
- Communicate the benefits

# What does the submission for Stage 1 include?



**Pilot intervention**



**Scale up strategy**



**Building support for cycling**

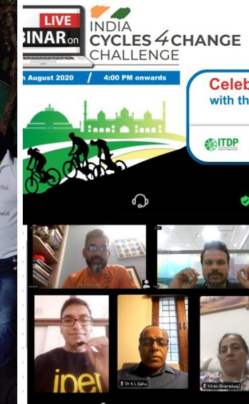
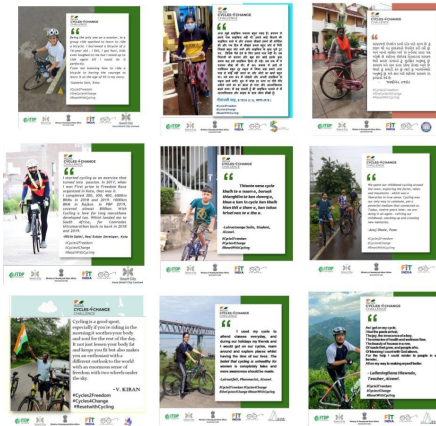


# Building Momentum for Cycling

All initiatives taken to promote cycling

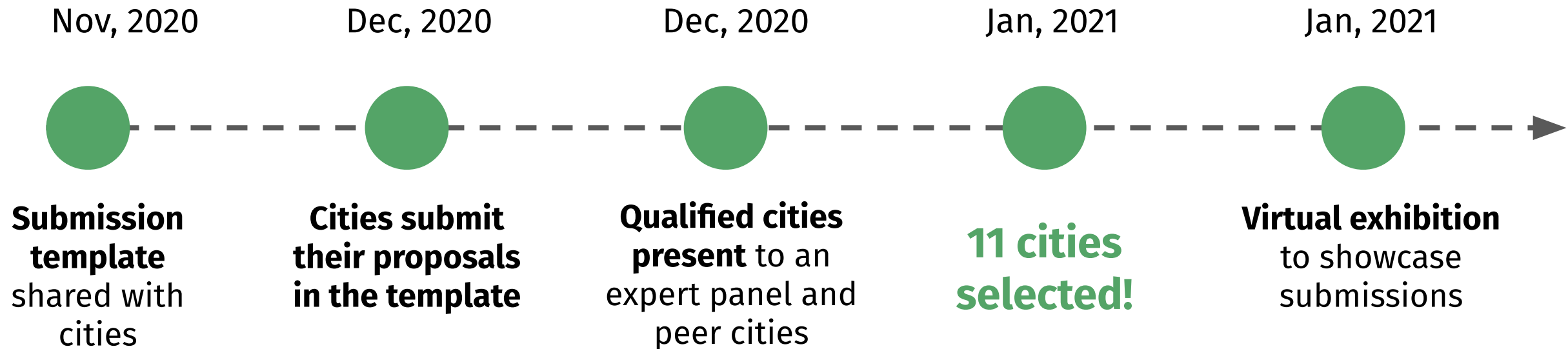


Digital participation platform



**So, what is the evaluation  
process?**

# Timeline of submission and evaluation process



# STEP 1 : QUALIFICATION



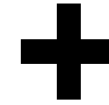
**Pilot intervention**

- **Test at least one pilot intervention**, which includes both, a corridor and a neighbourhood



**Scale up strategy**

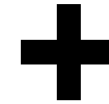
- **Prepare a scale-up plan,**
- **Initiate adopting/**revising the NMT Policy
- **Initiate work** towards institutional set-up



**Building support for cycling**



# STEP 2 : EVALUATION



## Pilot intervention

- Corridor (30)
- Neighbourhood (30)
- Other cycling Interventions (20)

Total - **80**

## Scale up strategy

- Cycling Plan (40)
- Progress on NMT Policy (20)
- Institutional Setup (20)

Total - **80**

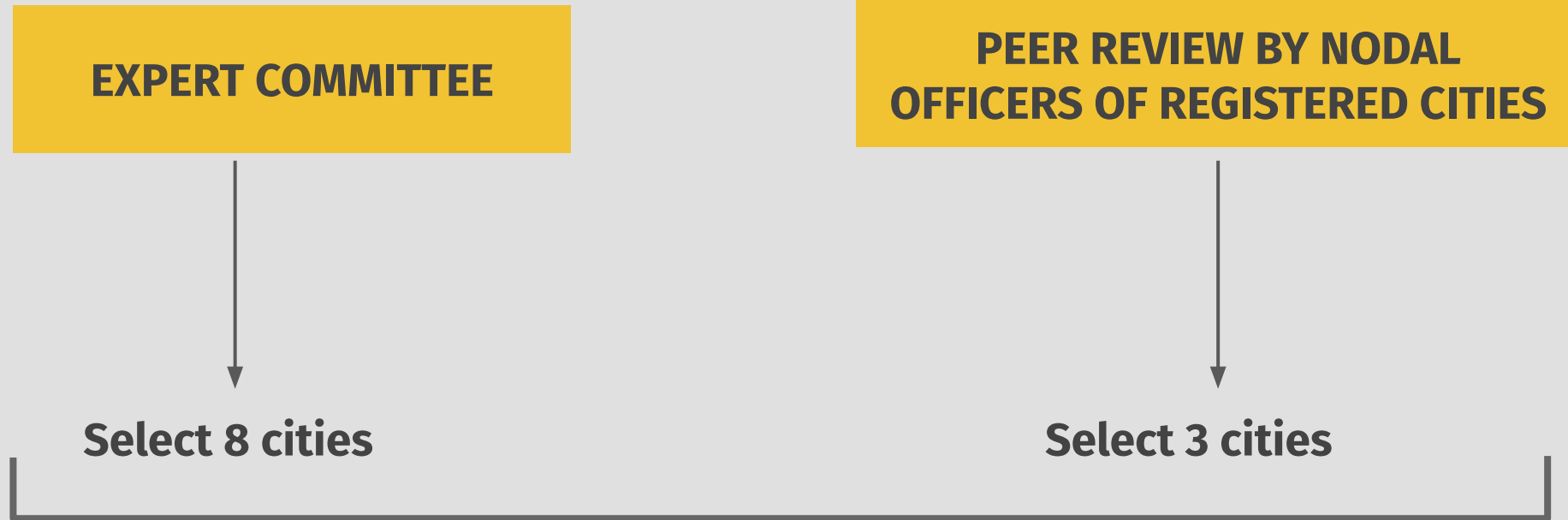
## Building support for cycling

- All initiatives taken to promote cycling
- Digital participation platform

Total - **40**

**200 marks**

## STEP 2 : EVALUATION



**11 CITIES SELECTED FOR STAGE 2** of the  
India Cycles4Change Challenge!

More details will be shared shortly with cities.

# In conversation with...



**Vadodara**



**Bengaluru**



**New Delhi**



Would you feel safe cycling on the street?





On this street?

RAVISHTA  
APARTMENTS  
NO. 27/A, NEW NO. 75, V.K. ROAD,  
MANDAVELI, CHENNAI - 600 025.

NO. 27/A  
AMMA REAL ESTATE  
RENT/BUY/SALE  
12.3.4 BHK  
SATURDAY/ SUNDAY/ HOLIDAY  
9781176865

PACKETS & TUBES  
CEMENT/ROOFING SHEETS  
NO. 14/1, INC. 91, JEEPKAT, USTAD





Is this street safe for children?





Or here?



# Mumbai: Had never faced this kind of street harassment before, say female cyclists

Mohua Das & Nitasha Natu | TNN | Oct 20, 2020, 08:46 IST



Representative image

public.

In August, when the little people in Dadar's traffic lights swapped their straight-legged trousers for a triangular frock, Mumbai became the first Indian city to install female figures in its pedestrian signal as a step towards greater inclusivity. But a symbolic move to dispel the notion that only men should step out may not be enough unless there is a rethink on women's safety in



A friend to all is a friend to none

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I have been cycling for two months now. I have gone at 5 AM, 6 AM, 7 AM, 7 PM, 8 PM, 9 PM. I have one bad experience at least, no matter which time slot. I love cycling and walking but I never do it without fear. I tell my boyfriend and parents about all the bad incidents.

And all I do is make them worry more. A man on cycle has flipped his dick. When I walk, A LOT of men get toooooo close as they pass by, I was smacked on the butt 3 weeks back, AT 6.30 AM.

I am always always fully clothed, in a mask. I know how to slap or throw a punch but I have never been able to do it. I never enter the nice lanes that have less traffic



**Ensure personal security of  
women and children while  
cycling**

# Identify the pain points that affect personal security

**Conduct a handlebar survey** along the route with **women and children cyclists** to identify the pain points such as:



Poor lighting



Dead edges,  
poor lighting



Street with continuous  
parking



Anti social activities

Source: Nottingham Post



Male dominated activities



# Improve street lighting





# Reorganize activities such as vending



Source: Ryan Collard



Source: Bandra Collective



# Introduce new family friendly activities



Source: Happy Streets Hyderabad



Source: Miao Diocese



# Introduce play elements,





# Open street gyms,





# And.. colourful street furniture!



Source: Block Club Chicago





# Conduct awareness camps and cycling programs

## CALL FOR PARTICIPANTS

The Directorate of Urban Land Transport, Bengaluru (DULT) and WRI India are conducting a roundtable discussion with passionate **female cyclists** across Karnataka to discuss their experiences and share learnings on how to get more women to start cycling.

This session will be presided over by DULT Commissioner **Ms. V Manjula, IAS** and MD Bengaluru Smart City Ltd, **Ms. Hepsiba Rani Korlapati, IAS**.

Monday, October 12, 2020

4:00 - 5:00 PM IST

For more information, contact: [anya.george@wri.org](mailto:anya.george@wri.org)

#ResetWithCycling



Do Cycling.Safely

20h · 🌐



Cycle training at NKDA Football ground, Every Sunday, 4pm to 6 pm





# Engage with stakeholders throughout!

Cities can collaborate with **local organisations that work towards safety for women and children**



Source: Pinar Pinzotti

# **DESIGN AND IMPLEMENTATION**



# Launching the **Design Workbook!**

## Part 1 - Cycling Basics

### Pilot Essentials



Source: [peopleforbikes](#)

- Segregated cycle lane
- Safe intersections

### Cycle Infrastructure Elements



Source: [smartgrowthamerica.org](#)

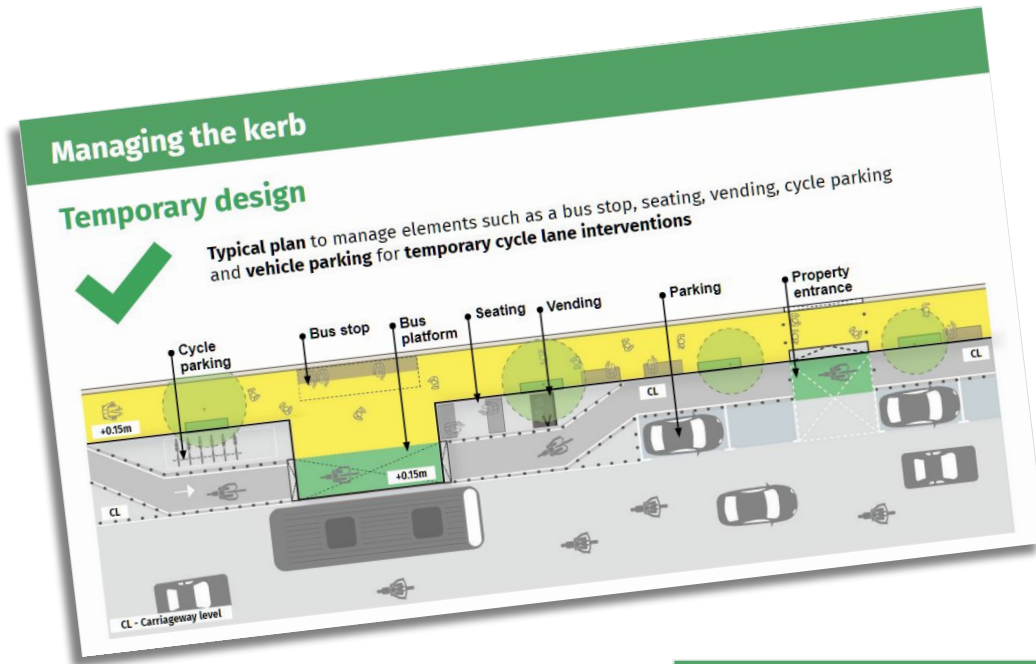
### Parking management



Source: [Rachel Quednau](#)



# Here's a sneak peek!



## Signages

### Shared Streets, Slow Zones, and No Parking

Shared Zone with all relevant users

Maximum Speed Limit

No Parking

Speed Bump Ahead

No Cars Allowed

Pedestrian Crossings

Source: IRC 67-2012

Source: NACTO

## Footpath Basics

### design recommendations

#### commercial area

1.5 m 2.5 - 4 m 1 m

#### residential area

1 m 1.8 m 0.5 m

± 0.15 m

**Pedestrian zone:** Continuous walking space for pedestrians, clear of any obstructions.

**Frontage/dead zone:** Provides a buffer between the pedestrian zone and the property edge.

**Multi-utility zone (MUZ):** Space for vending, street furniture, landscape, bus stops, and property access ramps; location and size of MUZ depends on the width of the footpath.

Source: IRC

# Inform citizens about the design

We will share the poster templates!

- **Publish conceptual designs in newspapers and on social media** to inform the citizens about the design.
- **Put up posters to inform citizens** showing the design and focused group discussions at:
  - The pilot neighbourhood and corridor
  - Other prime locations in the city
- **Reach out to the CSO database** to inform



A design of the proposed pop-up cycle lane on the service road of ORR. Source: WRI India

With the onset of COVID-19, Indian cities have been working towards finding a solution for transporting citizens. Worries about maintaining social distancing has led more people to take up cycling and walking as their preferred modes of transport.

**Reliable, useful journalism needs your support.**

Over 600 readers have donated over the years, to make articles like this one possible. We need your support to help Citizen Matters sustain and grow. Please do contribute today.

[Donate now](#)



# Test the designs on ground!

**We will share a  
guide**



**Demarcate the area  
to be redesigned**



*Source: cityofmhk.com*

**Conduct a trial  
run with  
cones/barricades**



*Source: American Institute of  
Architects*

**Observe the  
behaviour and  
revise the design**

# Things to keep in mind while testing

- **Implement at night** to avoid disruption of traffic.
- **Enlist the help of the traffic police**
- **Involve the community and volunteers**
- **Plan the pilot implementation in phases** and inform the stakeholders in advance.
- Implement the pilot **until the design is finalised** and **make it permanent**.





# Kickoff the pilot through a launch event!

We will share  
the guide &  
template

## Intent:

- **Create a buzz** around the new interventions to inform citizens.
- To **ensure participation** from citizens & **document** the reactions

## Spread awareness about the pilot and build support by hosting -

- Exhibitions
- Cycle rallies and races
- Cycle repair camps
- Cycle training sessions
- Local champions





# Measure the impact while testing the pilot

- **Observe the site** and **gather feedback** from the users on sites. Revise the designs based on the learnings.
- **Roll out the perception survey** to assess if the interventions have had a positive impact
- **Document the site** after implementation to showcase the transformation in media.



We will share the guide & template



## By Workshop 6

1. **Refine** the designs
2. **Test the pilots** on ground
3. **Initiate** work towards the Scale-Up Plan and NMT Policy
4. **Build the momentum** about the design and testing

## C4C team will share

- Presentation and video of Workshop 5
- NMT Policy Template
- Design and Implementation details
- Methods to Measure the Impact
- Launch event guide
- Templates for outreach of design

# MOBILIZE

virtual summit

Oct. 26, 28 & 30, 2020  
register at  
[mobilizesummit.org](https://mobilizesummit.org)





# Thank you

Website - <https://bit.ly/3ju3ZCY>

Facebook - India Cycles4Change

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