



SEASON 02


INDIA
CYCLES 4 CHANGE
CHALLENGE

**Streets 4
People**
CHALLENGE

Bengaluru's journey in promoting walking and cycling - W1



Streets for
People CHALLENGE

INDIA
CYCLES 4 CHANGE CHALLENGE

BENGALURU

Stage 1 - Pilot to Implementation



Pilot implementation | Neighborhood Site - Wilson Garden

1. Planning for the trials



18th December, 2020
Competition roll-out

8th January, 2021
Walking Audit

28th February, 2021
Submission deadline

5th March, 2021
Evaluation day

18th March, 2021
**Certificate
distribution &
Discussion**

24th July 2021
Pilot implementation

Pilot implementation | Neighborhood Site - Wilson Garden

2. Stakeholder meetings



With Shri.Uday B Garudachar, Hon'ble MLA Chickpet



With Mr.Ramesh, EE, BBMP Projects (White topping)



With Mr.Subhash & Mr. Sadashiv, RWA Wilson Garden

3. Materials Used



Barricades



Cones



Ropes



Floor Paint



Potted Plants



Wooden Pallets
To create seating



Upcycled Cloth
To create an installation



Yarn
For crocheting on the grills

Pilot implementation | Neighborhood Site - Wilson Garden

Tactical Trials & Community Engagement



By placing barricades and cones began early in the morning before traffic picked up. Community & competition winners later joined in creating safe crossings and reclaiming an underutilised street pocket to create a vibrant public space for community activities.

Pilot implementation | Neighborhood Site - Wilson Garden

Tactical Trials & Community Engagement



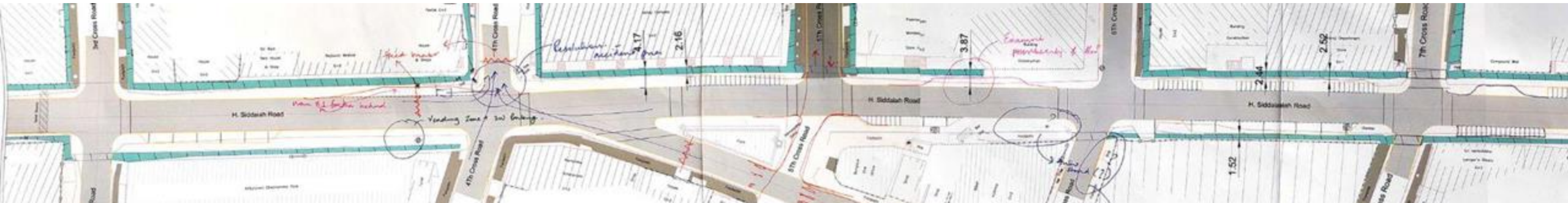
Test out the width of carriage way that would work given the kerbside activities and volume of traffic, location of parking and vending spaces, geometry of junctions and opportunity for placemaking.

Pilot implementation | Neighborhood Site - Wilson Garden

Capturing Community Feedback and learnings



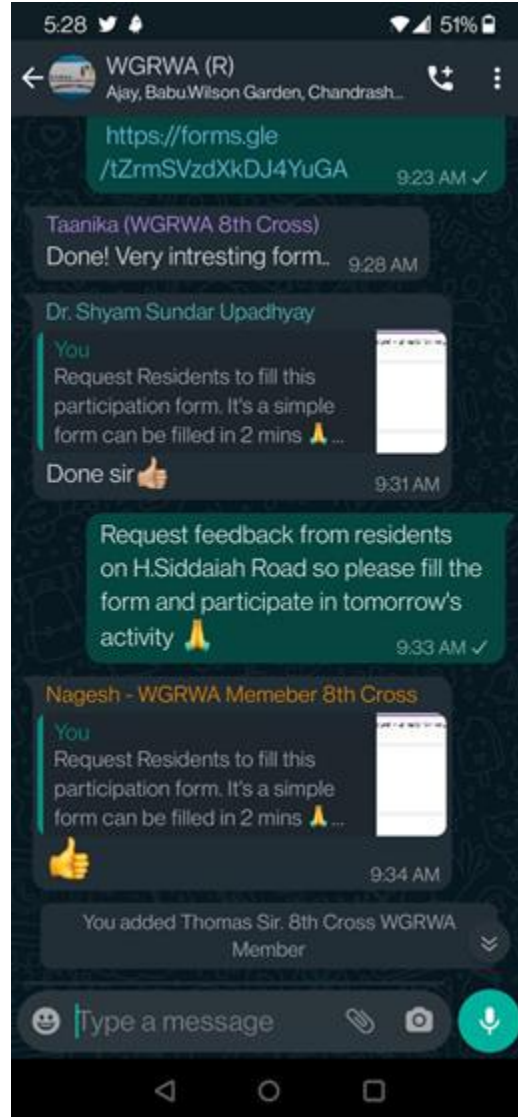
- Observations on site, the conceptual design was revised and discussed with Community
- The drawing supported by simple cross sections were discussed with community members.



Perception Survey | Neighborhood Site - Wilson Garden

Process of Rolling out the survey

- Survey forms were rolled out on whatsapp groups with the help of RWAs
- The DULT team also conducted the surveys on site capturing different personas



Number of responses received

114



Cyclists



Children



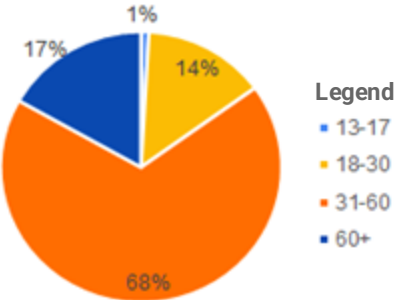
Pedestrians



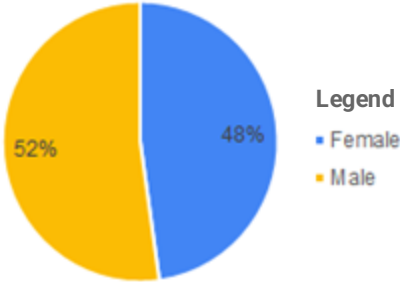
Women/ Senior Citizens

Perception Survey | Neighborhood Site - Wilson Garden

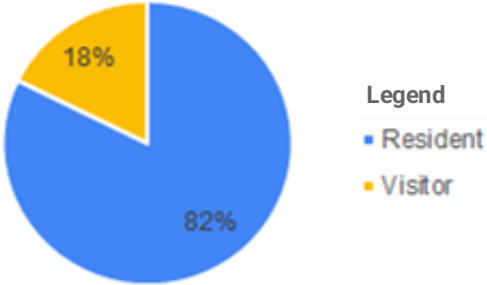
Survey Findings



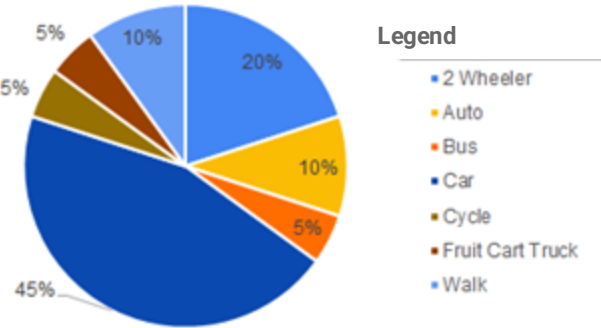
Age



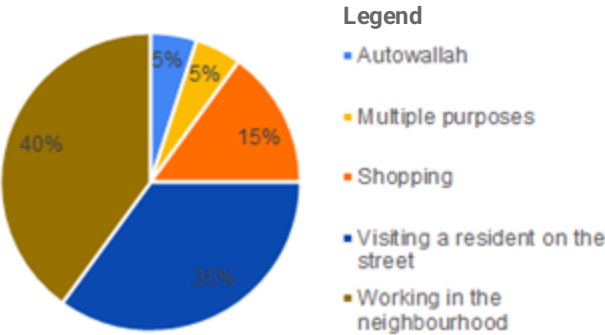
Gender



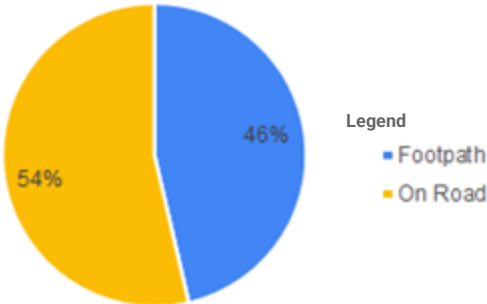
Are you a Resident or Visitor?



If Visitor, what mode have you used to commute?



If Visitor, what is the purpose of visit?



Where do you usually walk on the street?

Perception Survey | What are the major Issues faced by pedestrians?

36%



Vending obstructing pedestrian movement

44%



Open drains / Dumping

65%



Narrow Uneven/ Discontinuous Footpath

42%



Speeding Vehicles

53%



On street Parking

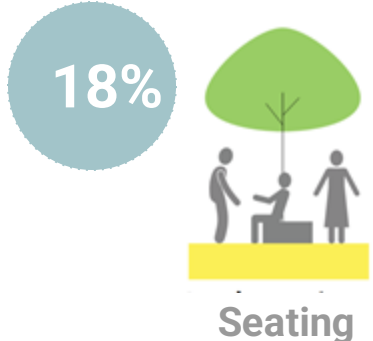
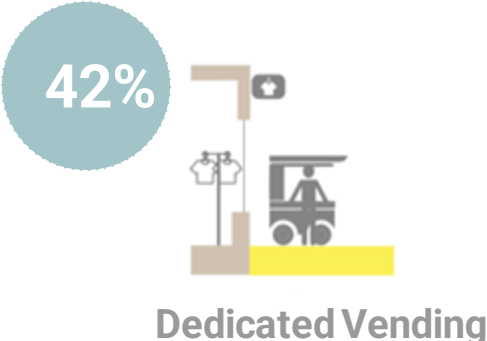
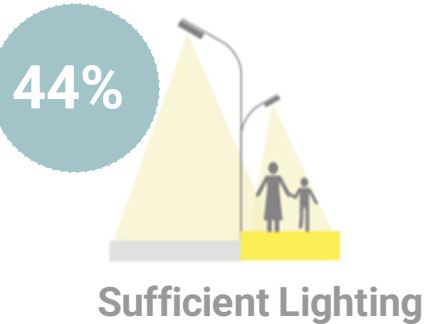
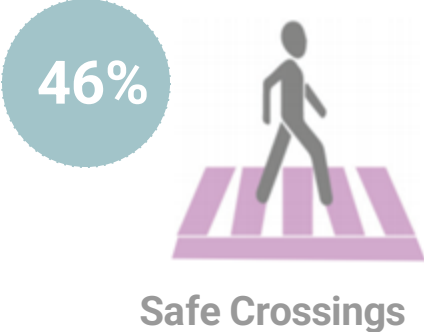
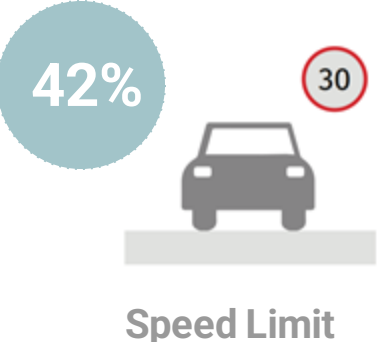
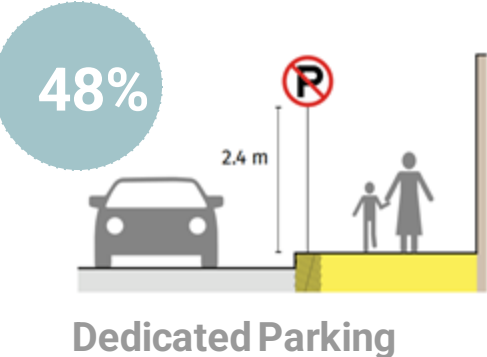
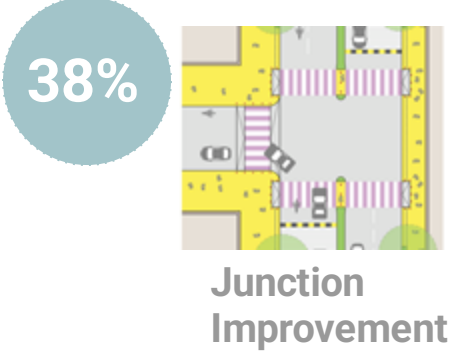
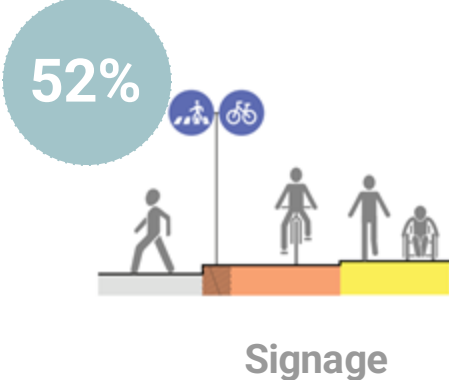
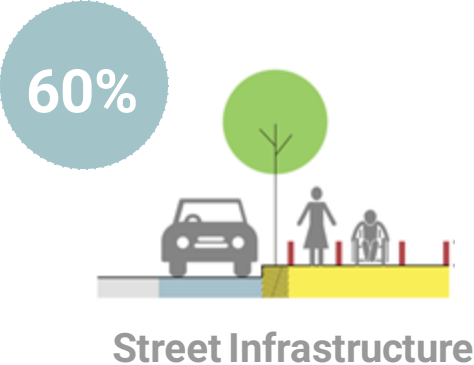
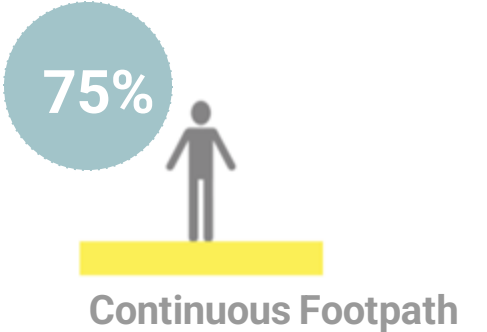
26%



Poles and Other obstructions

Perception Survey | Neighborhood Site - Wilson Garden

How can the walking experience be improved ?



Wilson Garden residents can make their own street

/ Jul 26, 2021, 06.00 AM IST



Around 30 residents took part in event at Siddaiah Road on Sunday

Residents of Wilson Garden had an immensely productive Sunday, participating in tactical trials on Siddaiah Road of Wilson Garden under the Streets for People Challenge initiative. Around 30 residents, including children, took part in the trial, in the initiative to inspire cities to create walking-friendly streets through quick measures, in response to covid-19.

The Directorate of Urban Land Transport (DULT) has prepared a plan to redo and remodel two streets -- Siddaiah Road at Wilson Garden and 10th Main Road of Jayanagar -- based on designs prepared by citizens. Through a consultative process that involved the winners of the challenge as well as the Residents Welfare Association of Wilson Garden, DULT had made a plan to redo Siddaiah Road.

The major elements of the design proposal are: A uniform carriageway of 7.5m to ensure a minimum footpath width of 2m; streamline junction geometry to facilitate smooth movement of vehicles at slow speeds to help pedestrian cross roads safely; Designate kerb side bays for parking and street-vending activities.

"The initiative gave the residents a chance to take part in design and make suggestions to the officials to make Siddaiah Road a walker-friendly road," said Rekha Shankar, a resident. Wilson Garden Residents' Welfare Association president Subash said that the officials never bother to consult citizens here, though in every developed country there is a systematic way of implementing development activities, where citizens or residents are given a chance to express their opinion. "Every public work or project has to be discussed with citizens and implemented in full transparency involving members of citizen welfare associations. The People for Street is one such initiative where the DULT will assist and guide the BBMP to implement projects in consultation with members of the citizen welfare association. We thank DULT for choosing our neighborhood," said Subash.

In a letter dated July 17, 2021, to secretary of Wilson Garden Residents' Welfare Association, the DULT Commissioner said the DULT intends to implement the tactical intervention for testing the design solution by using cones, barricades, potted plants, movable concrete medians and ropes. The pilot exercise must run for a week. The tactical pilot is tentatively planned to be held on July 22 and will continue to be in place till July



ಜಾಗೃತಿ ಕಾರ್ಯಕ್ರಮ

ಜನಜನತೆ ಸೇರಿಕೊಂಡು ಸುಸ್ಥಿರ ಮತ್ತು ಮುಂದುವರಿದು ಹೋಗುವ ಮೂಲಕ ಮುಖ್ಯ ಮಂತ್ರಿಗಳ ಸ್ವಯಂಸೇವಾ ಕಾರ್ಯಕ್ರಮವನ್ನು, ಕೆಆರ್ ಡಿಎಲ್‌ನಲ್ಲಿ ಸಂಯೋಜಿಸಲಾಯಿತು. 'ಸ್ಟ್ರೀಟ್ಸ್ ಫಾರ್ ಪೀಪಲ್' ಸವಾಲು ಅಡಿಯಲ್ಲಿ ಸುಸ್ಥಿರ ಮತ್ತು ಮುಂದುವರಿದು ಹೋಗುವ ಮೂಲಕ ಮುಖ್ಯ ಮಂತ್ರಿಗಳ ಸ್ವಯಂಸೇವಾ ಕಾರ್ಯಕ್ರಮವನ್ನು, ಕೆಆರ್ ಡಿಎಲ್‌ನಲ್ಲಿ ಸಂಯೋಜಿಸಲಾಯಿತು.



Happy walking! DULT turns stretch of Siddaiah Rd pedestrian-friendly

BENGALURU, DHNS

Having become one of the 10 Karnataka cities taking part in the 'Street for People' challenge, Bengaluru has taken the first step in reclaiming public places for pedestrians. Launched by the Union Ministry of Housing and Urban Affairs, the challenge encourages cities with a population of over five lakh to make their neighbourhood liveable by innovating with their space for cycling and walking.

Other cities that have registered for the programme are Belagavi, Davanagere, Hubballi and Dharwad, Kalaburagi, Mangaluru, Mysuru, Shivamogga and Tumakuru. On Sunday, the Directorate of Urban Land Transport (DULT) began a week-long test to turn a stretch of Sid-



Locals mark a zebra crossing on Siddaiah Road to facilitate safe pedestrian movement. DH PHOTO/SK DHNESH

daiah Road near Dakshin restaurant into a pedestrian-friendly space with a zebra crossing, flower pots and colourful blockades to restrict vehicles. The 'dead space' in the area was reclaimed to facilitate a small gathering of people. "This is a tactical intervention

to try different designs before finalising one," DULT Commissioner V Manjula said, adding that Wilson Garden will be the only place where the test will be held. The project is also aimed at creating economic opportunities in the post-pandemic era.

NYC's Open Streets The ministry cited a report, which stated that the Open Street Project in New York saved 80,000 jobs during the pandemic, while similar efforts in London boosted retail sales by 30%. In Hubballi and Dharwad, meanwhile, efforts had been underway to create three pedestrian-friendly zones under the BRTS flyover in February. But the pandemic had put breaks on the project, officials said.

DH had earlier reported a DULT experiment to pedestrianise Church Street that reduced air pollution and brought down PM 2.5 up to 90%. A DULT study has also revealed that the measure also resulted in a 29.64% increase in the weekend ridership of Namma Metro in November 2020 compared to previous months.

Young architects redesign Bengaluru's Siddaiah Road

Tue 1 Jul 2021, 11:40 PM IST



BENGALURU: The busy and congested Siddaiah Road in Wilson Garden is being transformed into a safe, pedestrian-friendly street, thanks to the 'Streets for People' challenge. The challenge is an initiative of Smart Cities Mission, ministry of housing and urban affairs, along with local authorities to redesign and reclaim streets for pedestrians. In Bengaluru, Directorate of Urban Land Transport (DULT) identified Jayanagar 10th Block and Wilson Garden for the same.

Congratulations!

You have successfully cast your vote

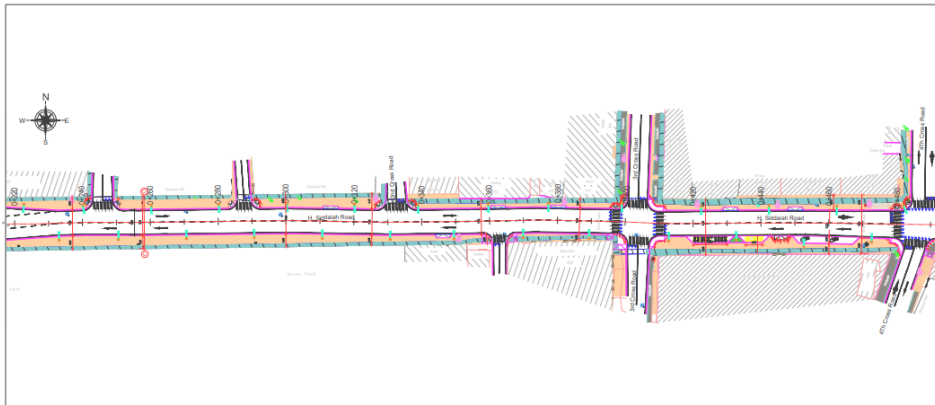
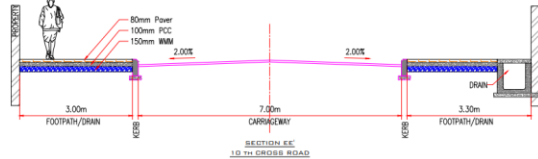
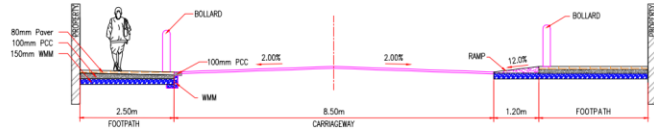
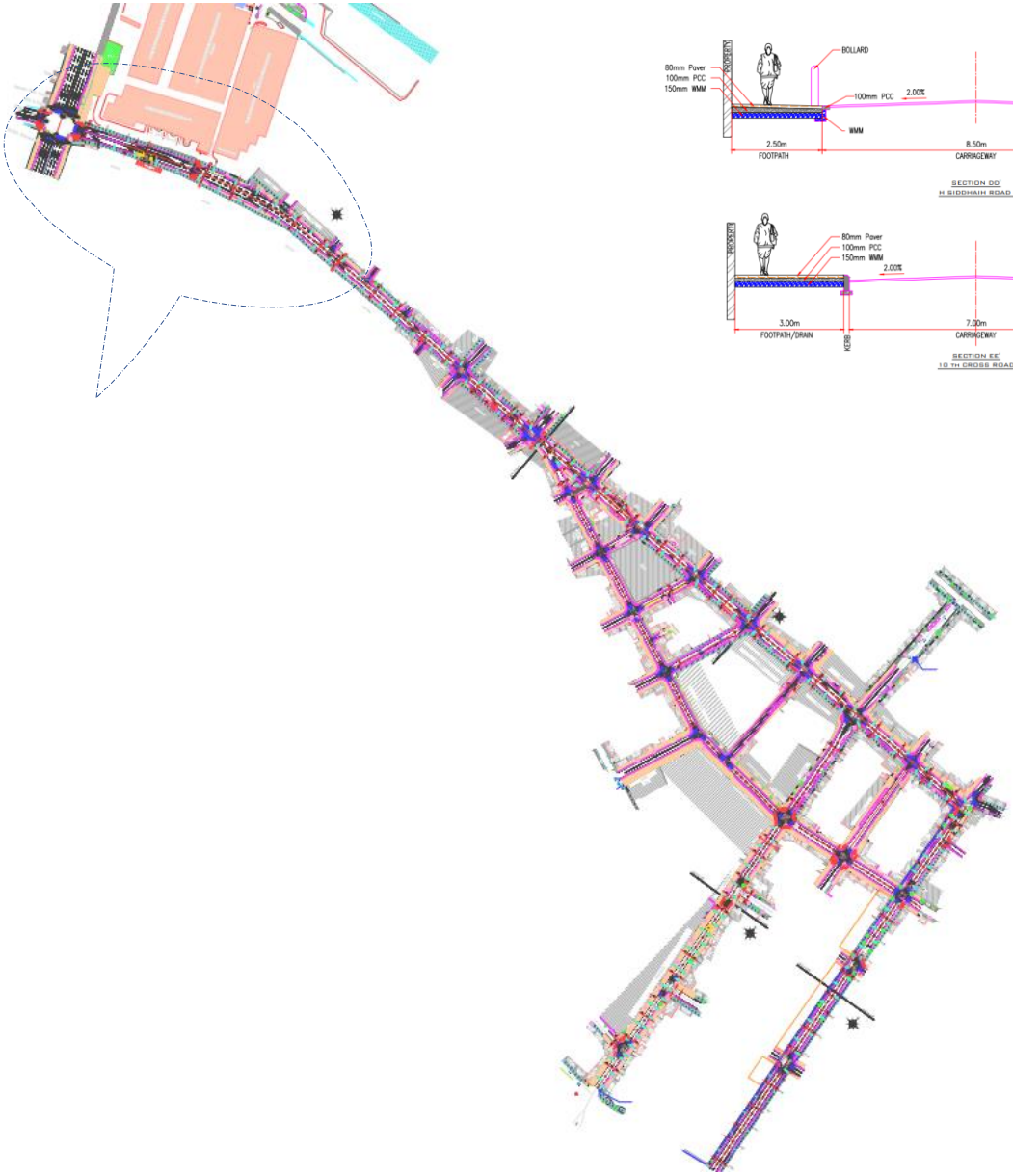
Login to view result

Winners of the challenge -- Harshitha Muthyurajya, 27 and Adnan Ameer Saqib, 26, both architects -- gave a new design with space for pedestrians, cycles, vendors and car parking, apart from a small nook for community-connect programmes. DULT decided to run a trial of the proposal. They invited the winners to collaborate with them in implementing it. Apart from Harshitha and Adnan, the third on the winners' list, Suneha Hameed, joined them. There were consultations with the resident welfare association, vendors, traffic police, among others, on how to redesign the space.

Implementation | Site visits with stakeholders



Implementation | Drawings issued to BBMP for implementation



Scale up strategy

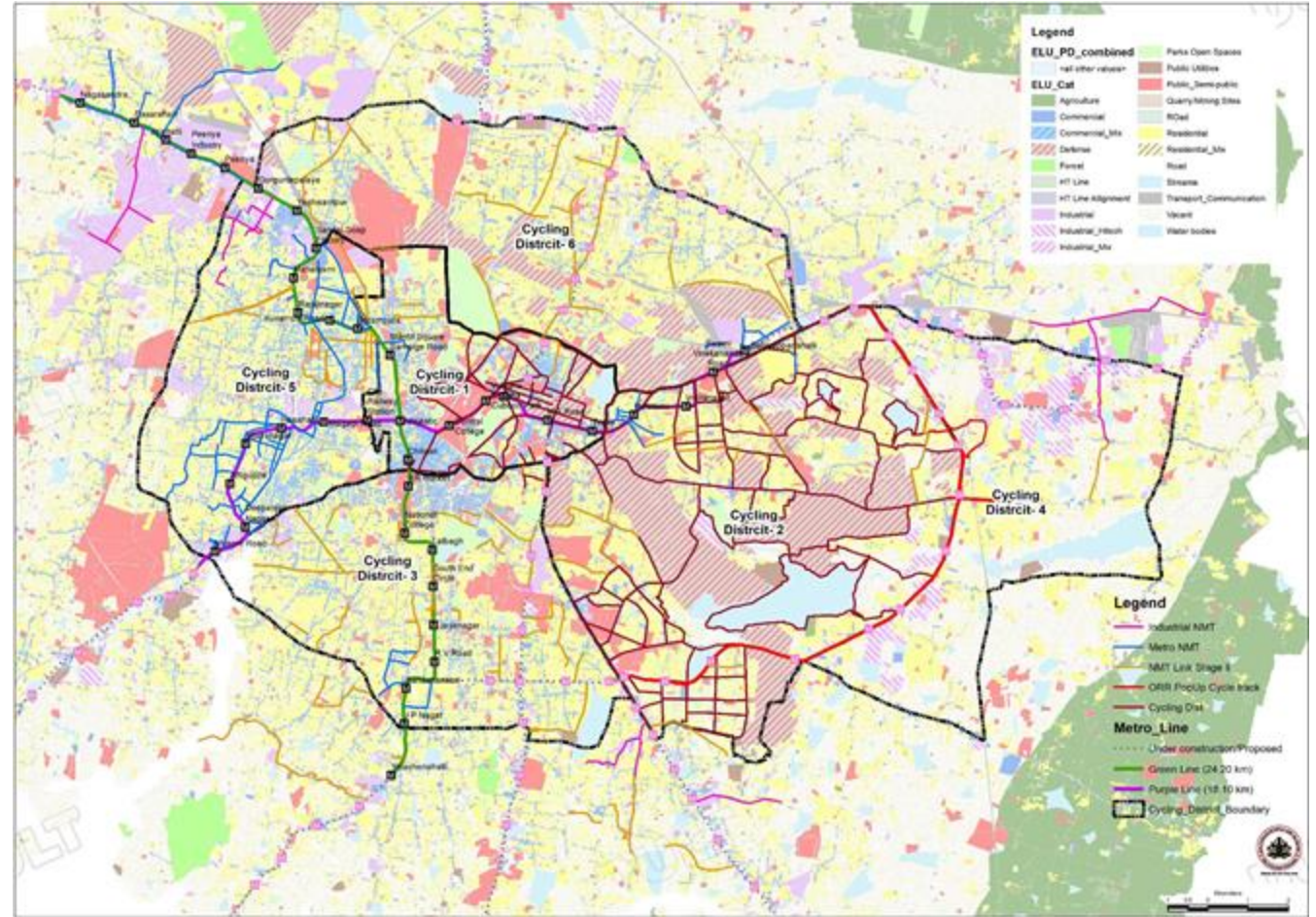
Projects & Policies

CITY SCALE

PROJECTS

Station Accessibility Plan

Transit supportive and pedestrian oriented streets and public spaces within the influence zone of Transit Stations. The project focuses on improving accessibility, last mile connectivity and quality of public space.



Map showing Metro, NMT Walkways identified and the cycling districts

HISTORY OF Enabling Cycling IN BENGALURU

Bengaluru Ecosystem

1. Cycle Day -

Building awareness & cycling culture since 2013

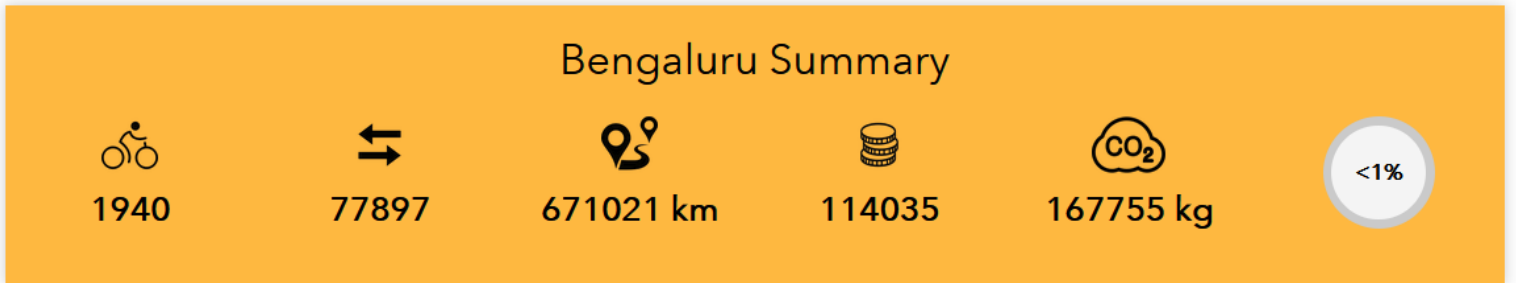
2. Public Bicycle Sharing System

- Privately operated
- Currently one operator
- No of Cycles -2500
- Daily Uptake : 3 rides/cycle

3. Cycle to work initiative



HOME ABOUT LEADERBOARD MAP RIDE FOR SAFETY CHALLENGES RESOURCES PARTNERS SIGNIN SIGNUP



Rank	Company	Cycles	Rides	Distance (km)	Coins	CO2 (kg)	Percentage
1	Texas Instruments India Karthik Ranganathan , Karthik Ramanan, Apoorva	419	11000	46730 km	16198	11682 kg	35%
2	Bosch - Bengaluru Kriti, Vasantha Kumara, Arun Shankar, Lagna Acharya, Anilgouda P Patil, Vengudupathi, Swapnil Borgaonkar, Anand Kurlakar, Rohit Chandrashakhar	414	8517	78944 km	14555	19736 kg	4%
3	Qualcomm - Bengaluru Amit Duggal, Bhaskar, Shilpi Sahu	166	7968	46378 km	12357	11595 kg	4%
4	Juniper Networks India RAHUL VERMA, Janakiraman Veerappan	70	4688	32819 km	7990	8205 kg	1%
5	Intel Technology - Bengaluru Vijay krishna, Sudeep Divakaran	76	4017	40788 km	6913	10197 kg	1%
6	Cisco Systems India - Cessna jagadeesh, V K S Pakala, Sandeep Tomar	104	2108	14204 km	3016	3551 kg	1%



@ Presidency East



- Bangalore Bicycling School – Run by volunteers in 3 locations
- Cubbon Park, JP Nagar, Marathahalli
- Free cycling learning classes on Sundays

20.03.2015 12:12

@ ESAF Bglnr



Community members come together to work towards making Doddanekundi into a cycling-friendly neighborhood

ENGAGING WITH PEOPLE

{ Sensing Local }
#Doddanekundi moving

Ga Crowdsourcing inputs via surveys



LOOKING FOR *cycling* ENTHUSIASTS



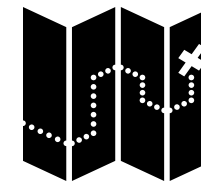
Let's make Doddanekundi a cycle-friendly neighborhood!

www.cyclefriendly-doddanekundi.in

{ Sensing Local }



#MARKYOURCYCLEROUTE



More than 100 crowd sourced routes from neighbourhoods, PBS operators to #CycleToWork



Observe

[Look at the map](#) to see if your area falls in and around the first identified Cycling District. Observe points of interest in the different layers across work, school, rejuvenate, last mile for transit, local neighborhood shopping activities



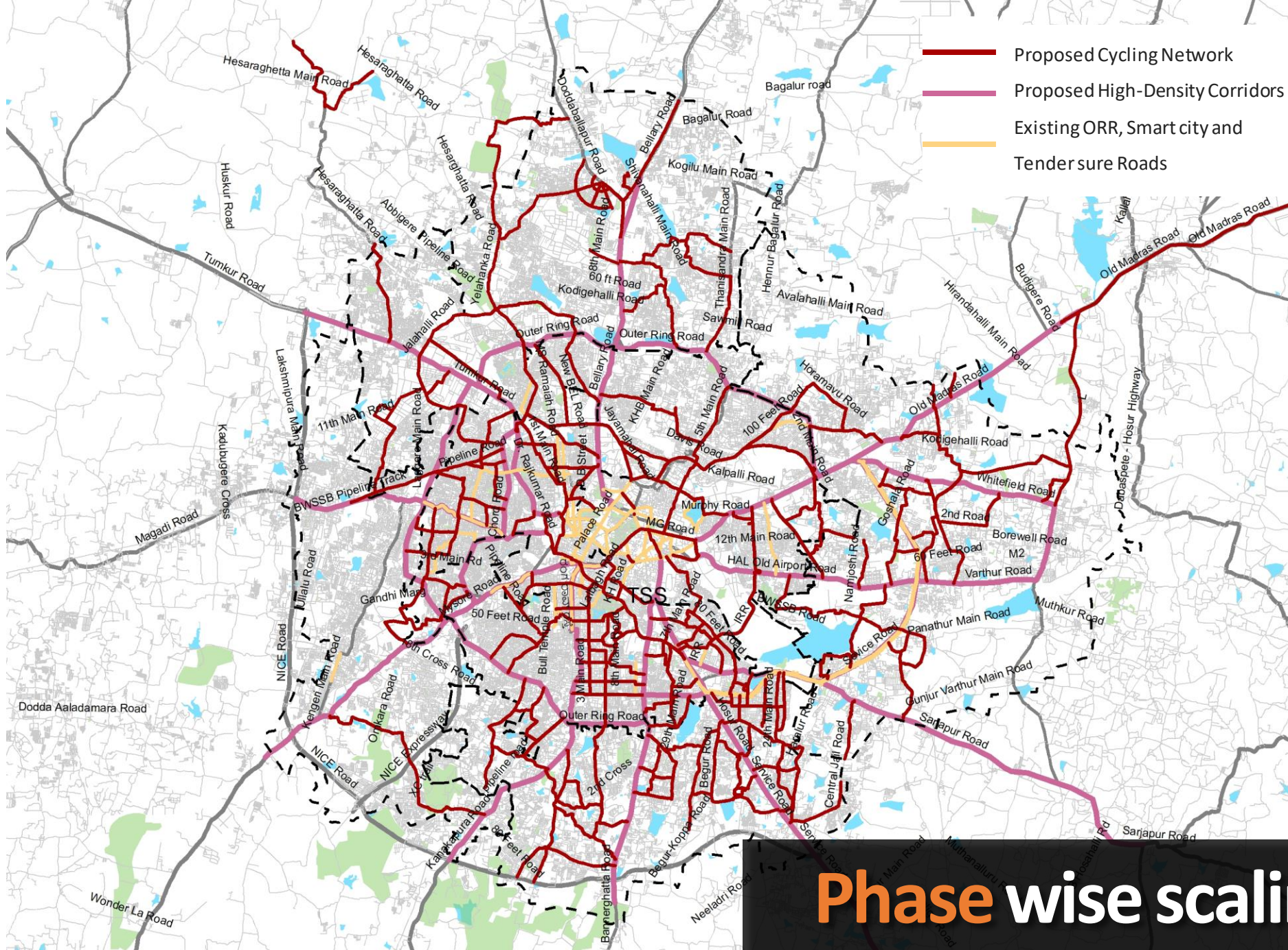
Mark

Use your favourite tracking tool like [Strava](#), [Mapmyride](#) or draw your route using many tools like [GPS visualiser](#), [Mapunity Draw](#), or [Google Map](#). Mark any points of interest that are not already marked on the map where cyclists might want to have a pit stop.



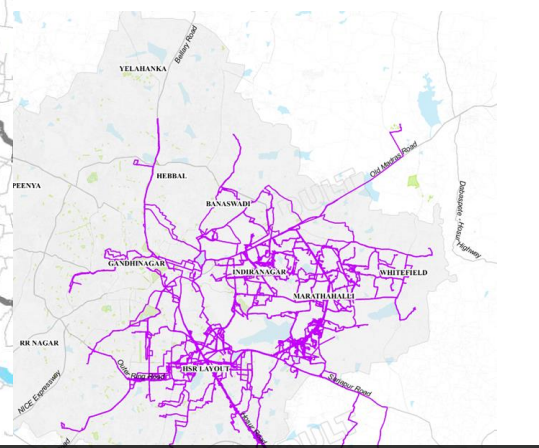
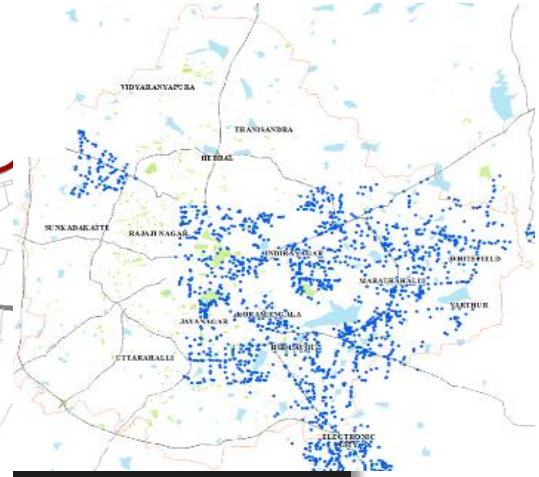
Upload

If you have used a marking tool export the routes & points as KML or if you have tracked your ride, export the trips as a GPX file and [send it to us](#). If you cannot do any of the above do not worry, just draw up your route on a paper, scan it and [upload it](#) instead.



- Proposed Cycling Network
- Proposed High-Density Corridors
- Existing ORR, Smart city and Tender sure Roads

Parameter 03 - Real Data (~2000 Bicycle Hubs)



MARK YOUR CYCLE ROUTE

Phase wise scaling plan

Source : Trip data from YULU

livelihood cycling data

PBS Hub location from existing Operator

CORRIDOR
Segregated
Smart City
2.5 KM

M
A

For the people, **With the people**





ಪೆಡಲ್ ಪೋರ್ಟ್ PedalPort



ಆಸನ ಜೌಕಟ್ಟು
Seat



ಅಡ್ಡ ಪಟ್ಟಿ
Cross Bar

atc



A bill has been prepared and shared in public domain for feedback and comments. ~500 comments received and examined. Draft is under finalization.



Active Mobility Bill

Draft Active Mobility Bill

Keeping in view the need for promoting Active Mobility modes like walking and cycling in urban areas, the Draft Active Mobility Bill has been prepared by the Directorate of Urban Land Transport (DULT).

We would like to thank everyone for your tremendous interest, support and suggestions on the draft bill.

The suggestions period for the draft Active Mobility Bill has now closed.

[Read the draft Active Mobility bill.](#)



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