सत्यमेव जयते
Government of Gujarat

सत्यमेव जयते
GOVERNMENT OF INDIA
MINISTRY OF HOUSING AND URBAN AFFAIRS

स्वच्छ भारत
एक कदम स्वच्छता की ओर

ACTIVE MOBILITY FOR ALL

REDEFINING INDIA'S URBAN COMMUTE

17th Urban Mobility India Conference & Expo 2024
Standardization and Optimization of Urban Transport Solutions

german cooperation
DEUTSCHE ZUSAMMENARBEIT

giz Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH

THE DICHOTOMY OF INDIAN CITIES

1

in every two Indians either walk or cycle to work

10

Out of 15 most polluted cities globally are in India

Yet our streets are designed to cater to cars!

THE GOVERNMENT OF INDIA HAS INITIATED MANY REFORMS TO HELP IMPROVE QUALITY OF LIFE

सत्यमेव जयते

Ministry of Housing and Urban Affairs, Government of India	Ministry of Youth Affairs and Sports, Government of India	Ministry of Environment, Forest & Climate Change	Ministry of Health and Family Affairs, Government of India	Ministry of Tourism, Government of India
Smart Cities Mission AMRUT *(Atal Mission for Rejuvenation and Urban Transformation)*	Fit India Movement Khelo India	National Clean Air Programme	National Health Mission	Swadesh Darshan

INNUMERABLE BENEFITS

Enhanced Public Health + Green Spaces

According to a research by World Health Organization

Pedestrian and cyclist' deaths constitute

35% of all road accident-related fatalities in India.

Designing streets for active mobility is assured to increase pedestrian and cyclist safety significantly.

How can Indian streets become fully safe for pedestrians and cyclists?

Scaling up sustainable mobility in Accra, Ghana, increased physical activity and saved

$15 billion in health care costs.

How can we envision streets to become havens for engaging in physical activity like walking and cycling

INNUMERABLE BENEFITS

Economic Boost + Land Value Increase + Community engagement

One case study estimated that

11 to 14

jobs are created per $1 million invested in cycling and walking projects

compared to the seven jobs created when investing in highways.

> **How can the Indian economy continue to grow but through sustainable choices?**

Image source: itdp.org

INNUMERABLE BENEFITS

Planning for women and children

In India, women make **61%** of all walking trips.

How to design our streets to cater to the needs of Women and Children?

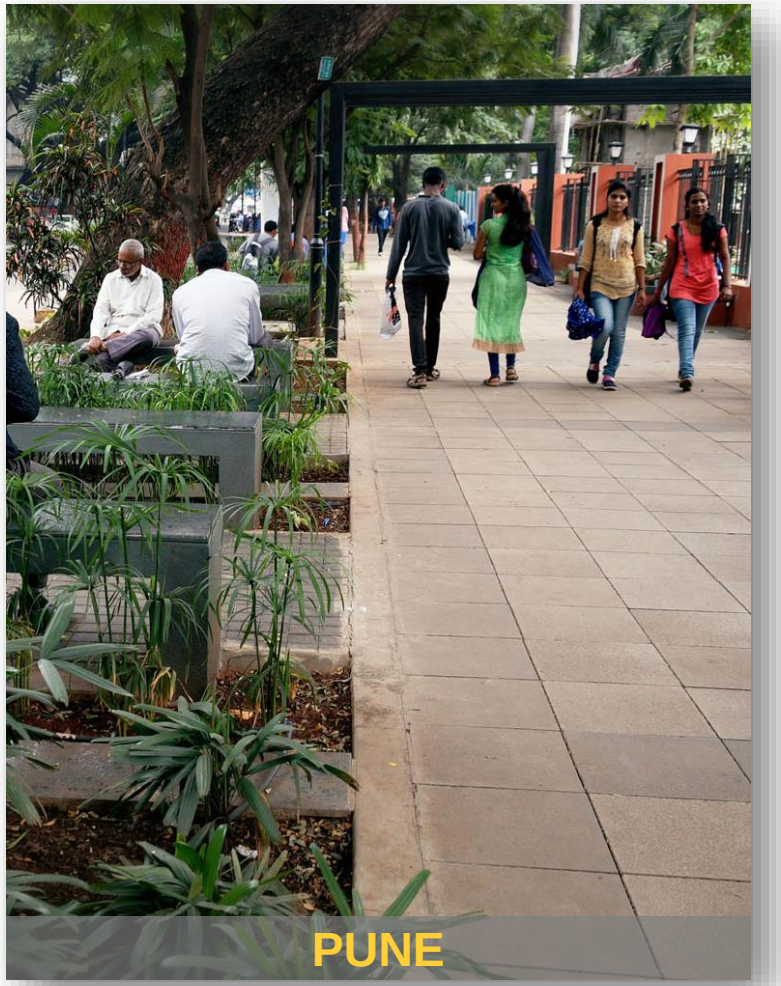
A UK Report states that women are **36%** more likely to be classified physically inactive than men.

Is there a way to support women's needs to be physically active as part of their daily commutes?

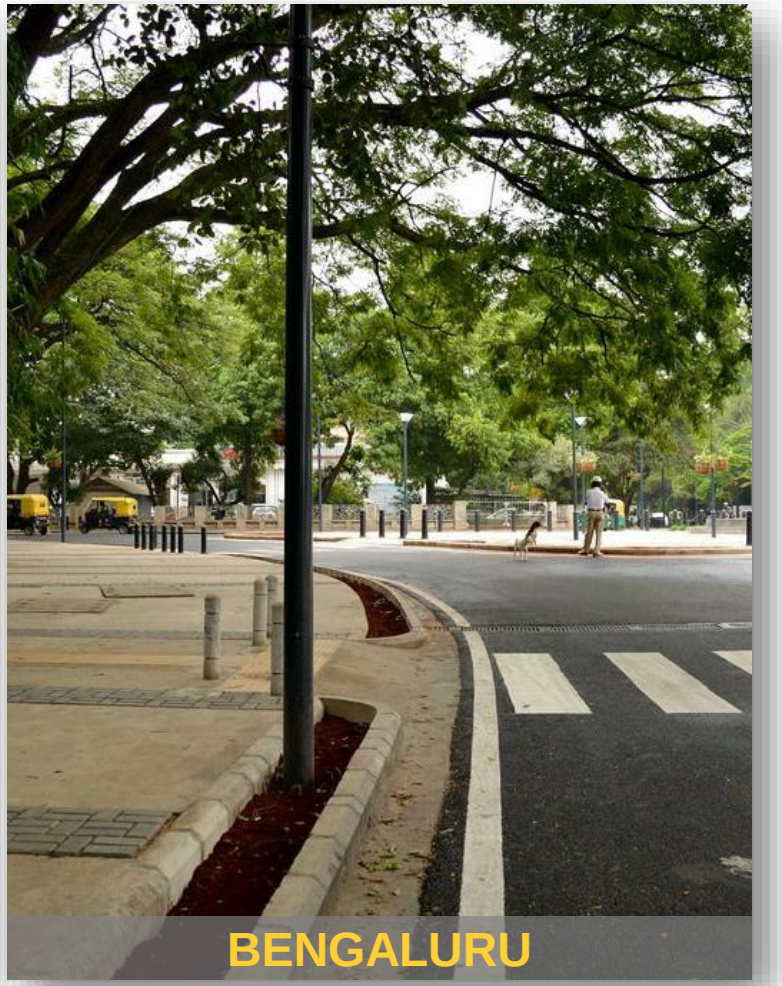
Unsurprisingly in India, women make only **15%** of all cycling trips.

CITIES ARE STRIVING…

Creating Safe Walking And Cycling Infrastructures


PUNE

BHUBANESHWAR


BENGALURU

STILL, MAINTENANCE IS A BIG GAP

Is it lack of Money of Priority?

Bhubaneswar

Bhubaneswar's Smart Janpath Project work still at hold

The fanfare long gone, its time to deliver Smart Janpath which presents itself a perfect challenge for the State Government's planning and execution of the mu hyped project. Can it keep pace wi

Broken, encroached & forgotten: Footpaths fail pedestrians across Pune

Festival of Gifts

4 roads has found

Bengaluru

45% road deaths are of people forced to walk on roads in Bengaluru: Experts

Civic bodies encroach footpaths with toilets, transformers, traffic kiosks, telecom

Bengaluru's TenderSURE roads cost Rs 15 crore km, but are they worth it?

Arpita Raj / TNN / Nov 2, 2017, 06:06 IST

SHARE AA FOLLOW US

BENGALURU: When the local government spends

7 km of

silience,

as per the

ane city road

ld cost Rs

Pune News

Pune's Footpaths In Shambles: Citizens Suffer Due To Municipal Corporation's Negligence, 24 Roads In Pathetic Condition

Punepulse September 10, 2024

Smart City Roads: Standards diluted, footpaths remain pedestrian

PREMIUM

Smart City roads, meant to be game-changers in sustainable mobility and marked by pedestrian-first approach, are now seriously compromised with private property and parking encroachments, besides a severe dilution of design standards

Updated - October 12, 2023 04:51 pm IST - Bengaluru

RASHEED KAPPAN

As complaints over Pune footpaths rise, PMC says it has taken up repair work on a war footing

In the concluding part of The Indian Express's two-part series on the state of Pune's footpaths, the Pune Municipal Corporation urges citizens to directly approach the civic body with their complaints.

Pune's Footpaths In Shambles: Citizens Suffer Due To Municipal Corporation's Negligence, 24 Roads In Pathetic Condition

What does active mobility look like in your reference city and what are the needs?

What role do you see active mobility playing in the future of sustainable urban development in India?

SEGMENT 1

Great Intentions; Fledgling Implementation; Poor Maintenance: Where is the Point of Failure?

Policy and Planning Gaps

- *Why do well-intended policies struggle during implementation?*
- *Are policies and plans too ambitious for the local context, or are they lacking clear execution frameworks?*

Coordination Issues

- *How various stakeholders (urban local bodies, transport departments, public works departments, traffic police, and citizens) are often not aligned, leading to delays and patchy implementation?*
- *How can we ensure better coordination across these entities?*

Enforcement & Accountability

- *Active mobility infrastructure (pedestrian walkways, cycle lanes) often exists but is poorly maintained or encroached upon. Why does enforcement fail?*
- *How can cities improve accountability for maintaining active mobility infrastructure?*

Sustainable Funding Models

- *Is the lack of sustained investment a major reason for failure?*
- *How can cities create long-term financial mechanisms for active mobility projects?*

Image source: deccan herald

SEGMENT 2

Addressing the Pilot Street Conundrum

Scaling Successful Pilots

- *What are the key lessons from successful pilot street programs like Bengaluru's TenderSURE or Pune's Complete Streets?*
- *What barriers prevent pilot projects from being replicated city-wide (e.g., funding, political will, technical know-how)?*

Avoiding the 'Pilot Trap'

- *Are pilot projects too isolated? Do they fail to integrate with broader city-wide policies or systems?*
- *How can pilot projects be designed to ensure scalability from the outset?*

Engaging Stakeholders

- *How can city authorities engage with residents, businesses, and local communities to build support for expanding pilot projects?*

Technical and Logistical Challenges

- *What logistical challenges do cities face when attempting to scale up active mobility infrastructure? (e.g., space constraints, retrofitting existing infrastructure, budget constraints).*

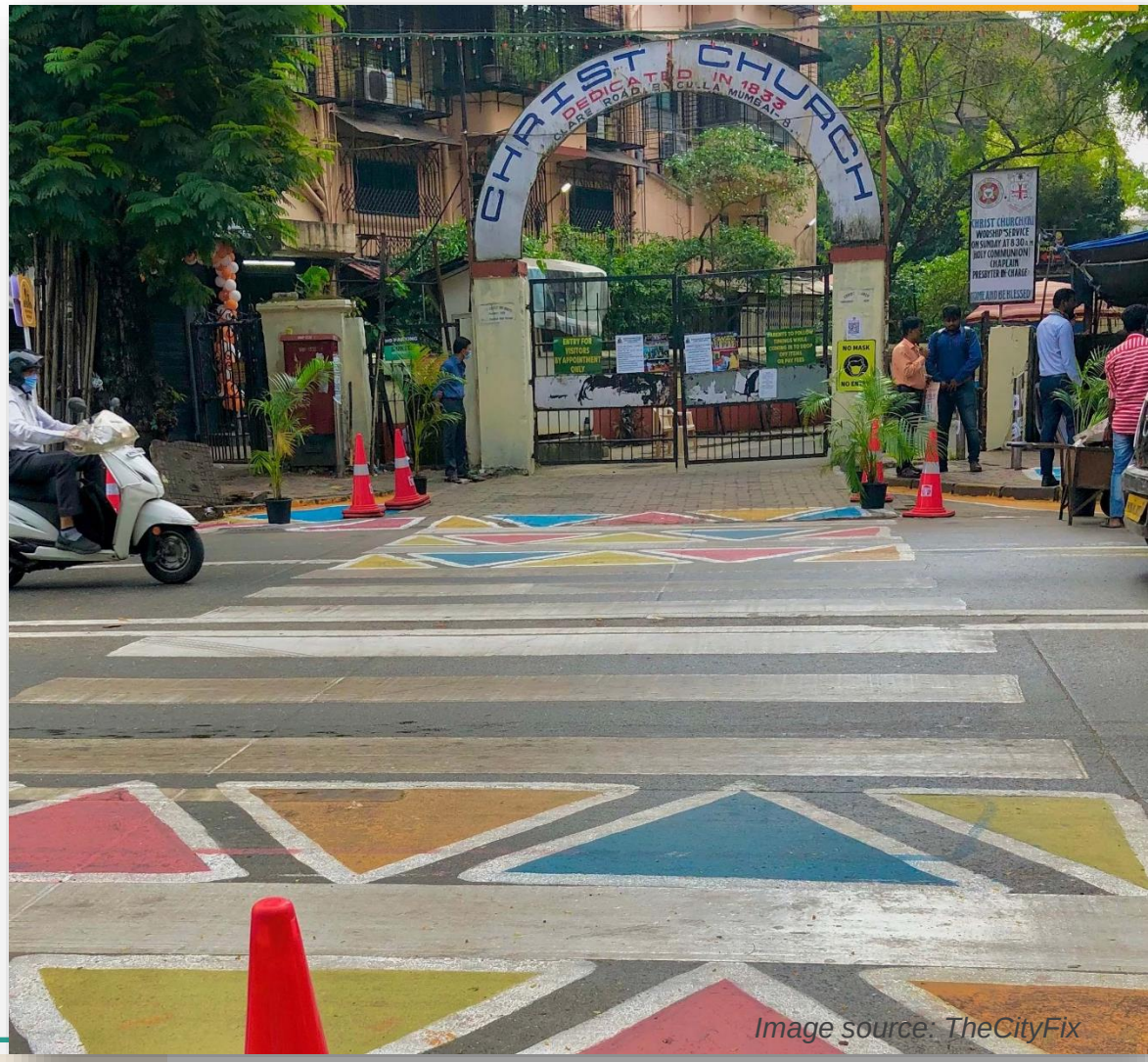


Image source: TheCityFix

SEGMENT 3

Creating an Active Mobility Mindset Among Planners, Engineers, and the People

Cultural Shift in Urban Planning

- *How do we prioritize active mobility in the planning, design, and engineering of road infrastructure?*
- *What training or capacity-building initiatives are needed for urban planners and engineers to rethink road design?*

Public Perception and Behavior Change

- *What can be done to change public perception of walking and cycling, particularly in cities where car ownership is seen as a status symbol?*
- *How can awareness campaigns promote the benefits of active mobility, such as health, safety, and environmental impacts?*

Leveraging Data and Technology

- *How can data be used to demonstrate the benefits of active mobility, and inform policy and infrastructure decisions?*
- *What role can technology play in supporting active mobility (e.g., bike-sharing apps, real-time pedestrian data)?*

Institutionalizing Active Mobility

- *What steps can governments take to ensure that active mobility becomes an integral part of all future urban development projects?*
- *How can we create an institutional framework that ensures non-motorized transport is prioritized at the policy and planning levels?*

QUESTIONS FROM THE AUDIENCE

What is one actionable step you will take from this discussion to further the cause of active mobility in your work or city?

THANK YOU