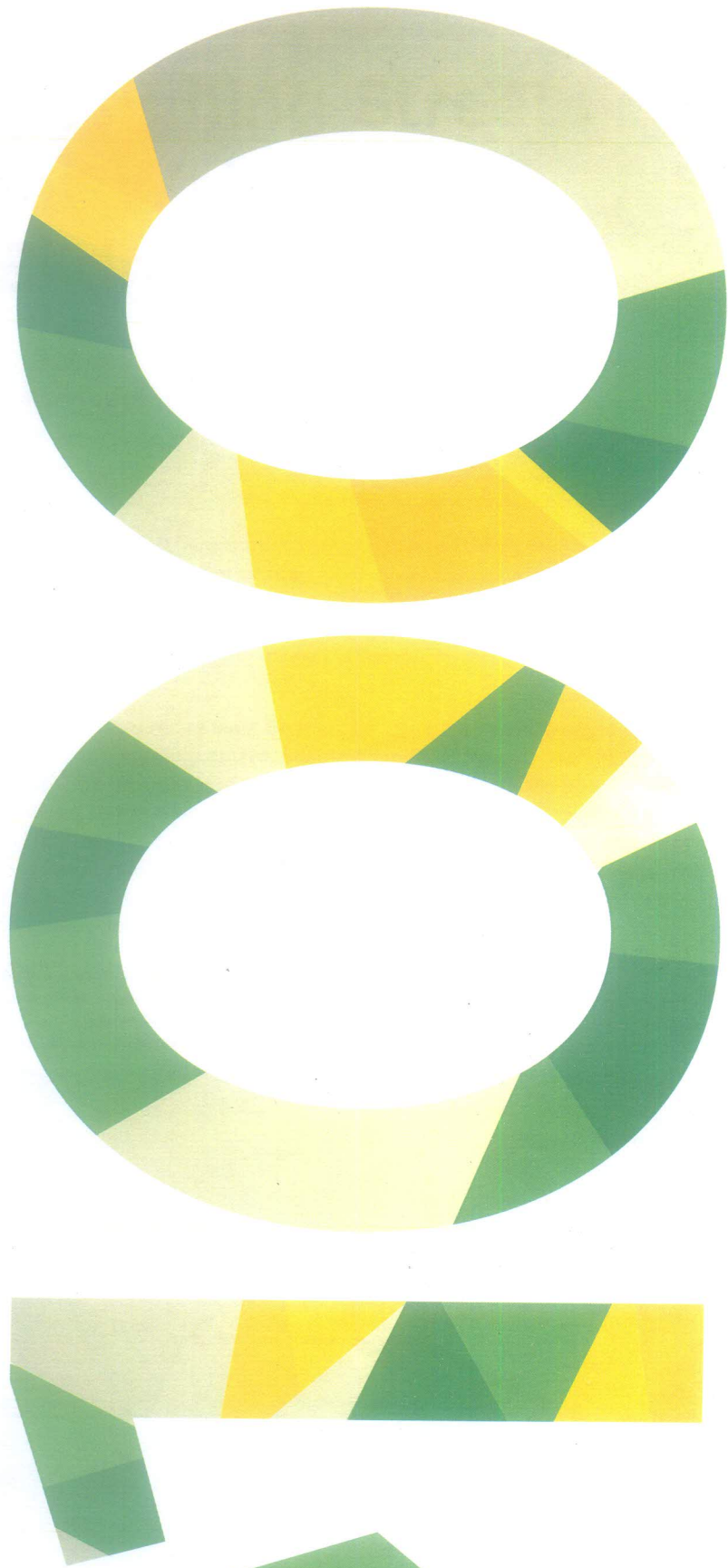


# SUSTAINIA

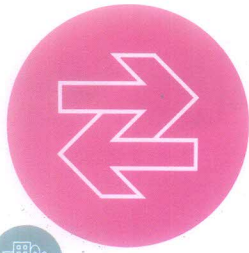


2015

2015 FOCUS  
CLIMATE BENEFITS

→ A guide to  
100 sustainable  
solutions





Decreasing the use of motorized vehicles reduces the city's CO2 emissions from transportation.



By promoting walking and cycling, the new streets encourage more residents to walk, which limits automobile usage and contributes to a cleaner, less polluted city.



Prioritizing street space for people rather than motorized vehicles allows Chennai to more equitably allocate city space.



The initiative will limit the cost of road crashes in India, which the government estimates to be about 3% of the country's GDP.<sup>1</sup>

**“By rewriting the hierarchy – putting pedestrians, cyclists, and public transport users at the top, where they should have always been – Chennai is showing the way for other Indian cities.”**

1. Ministry of Road Transport and Highways, Government of India. “Road Accidents in India - Issues & Dimensions.” UnDATED. Online: www.unescap.org



DEPLOYED IN  
INDIA



INDIA



Government of India,  
Ministry of Road Transport and Highways. “Road  
Accidents in India - Issues & Dimensions.” UnDATED.  
Online: www.unescap.org

THE TRIPLE BOTTOM LINE

# Designing Streets for Walking and Biking

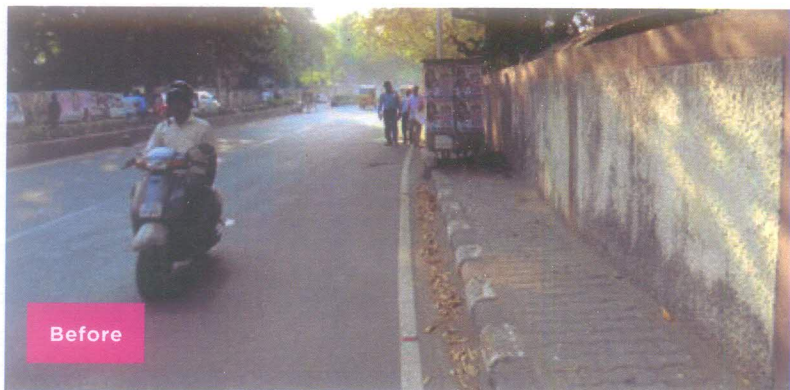
→ Chennai, India has adopted a policy to prioritize walking and cycling and discourage the use of motorized vehicles, transforming the city's approach to transportation.

With more than 10,000 traffic crashes reported every year, Chennai has one of the highest rates of road deaths in India. In June 2012, the city government launched the Chennai Street Design Project to address this problem. This project aims to **reclaim the city's streets for pedestrians and cyclists** by prioritizing modes of transport other than private automobiles.

The policy requires at least 60% of the city's transport budget be allocated to constructing and maintaining infrastructure for non-motorized transit. This includes **widening sidewalks, building safe bicycle infrastructure**, better managing intersections, and even implementing street furniture. By 2018, the city aims to have built safe and continuous footpaths on at least 80% of all streets, increase the share of walking and cycling trips to over 40%, and, most significantly, eliminate pedestrian and cyclist deaths.

## WHY A SUSTAINIA100 SOLUTION?

Despite a lack of safe infrastructure for non-motorized transport, one-third of all trips in the city are already made on foot and bicycle. Chennai Street Design Project will ensure that these trips become safer, healthier, and more enjoyable through a redesigned urban transportation network.



Before



After