Ministry of Housing and Urban Affairs
Government of India

Smart City
MISSION TRANSFORM-NATION

आज़ादी का अमृत महोत्सव

Surat Smart City

Swati Desai, Chief Executive Officer

Surat Municipal Corporation

Surat SMART CITY

City Background

SURAT

8th Largest City

4.46 million
(2011 census)
6 million
(current estimates)

474.52 sq.km

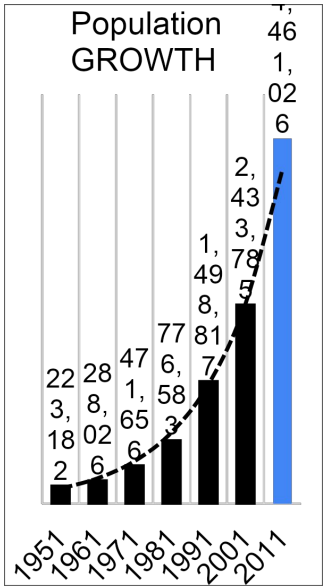
Area
under
jurisdiction

Fastest Growing City Globally

Oxford Economic's Global Cities 2030 Report

Economic Capital of Gujarat

Hub of Diamond & Textile Industries



60% to 80%
Decadal Growth
(since 4 decades)

- Surat dates back to 300 BC
- Municipality Established in 1852
- Municipal Corporation Formed in 1966
- Hazira Industrial Estate near the City
- An Environment with Peace, Alliance & Unity
- Admin Zones : 9
- Election Wards : 30

Surat also known as…

Diamond City

9/10 Diamonds in the world are cut and polished in Surat

40% of nations total man-made fabric & 28% of nation's total man-made fiber production

Textile City

Bridge City

Over 115 bridges to ease commute

Declared as SOLAR CITY by Ministry of New & Renewable Energy

Solar City

Green City

Over 200 public parks & gardens along with Nature Park & upcoming Biodiversity Park

Surat – One of the Best City

Best Performing City

Consecutive for 3rd year for showing great momentum in Implementation of Projects under Smart City Mission

2nd Cleanest City

Declared 2nd Cleanest City of India in World's largest cleanliness survey of 4242 cities

2nd Best City

2nd Best City of India as per Municipal Performance Index parameters

5th Best City

5th best city of India based on EoL which evaluates the quality of life

Data Maturity Assessment Framework Cycle 2 ***Among 100 Smart Cities***

Climate Smart Cities Assessment Framework ***Among 126 Cities***

Water+ City **of India**

Garbage Free Cities

Surat – One of the Best City

1st

Smart City
MISSION TRANSFORMATION

Best Performing City

For showing great momentum in Implementation of Projects under Smart City Mission

2nd

Cleanest City of India

Declared 2nd Cleanest City of India in World's largest cleanliness survey of 4242 cities

SWACHH SURVEKSHAN 2020

GARBAGE FREE CITY
STAR RATING

5-Star Garbage Free Cities

Surat has successfully hosted **"Smart Cities Smart Urbanization"** event during 18 to 20 April, 2022 and set up an example for many cities to host such National Events in a planned manner.

Assessment of Surat’s cycle lanes

Presentation by Surat Municipal Corporation & Surat Smart City
20 December, 2022

Surat created 80+ km of cycle lanes in 2022

City is conducting open streets, cycle training, rallies and capacity development session to spread awareness and encourage cycling!

Source: Bhairrvi Joshi

Red lanes have given visibility to cyclists

However, use of cycle lanes was a question, and hence Surat did a assessment to understand what needs to be improved

1. Encroachment on cycle lanes breaks the continuity

Vehicles, on-street vendors, and pedestrians obstruct the movement.

Unmanaged parking

Unmanaged street vending

Source: Anil Mardia

Lack of walking space

2. Certain design details made it difficult to use cycle lanes

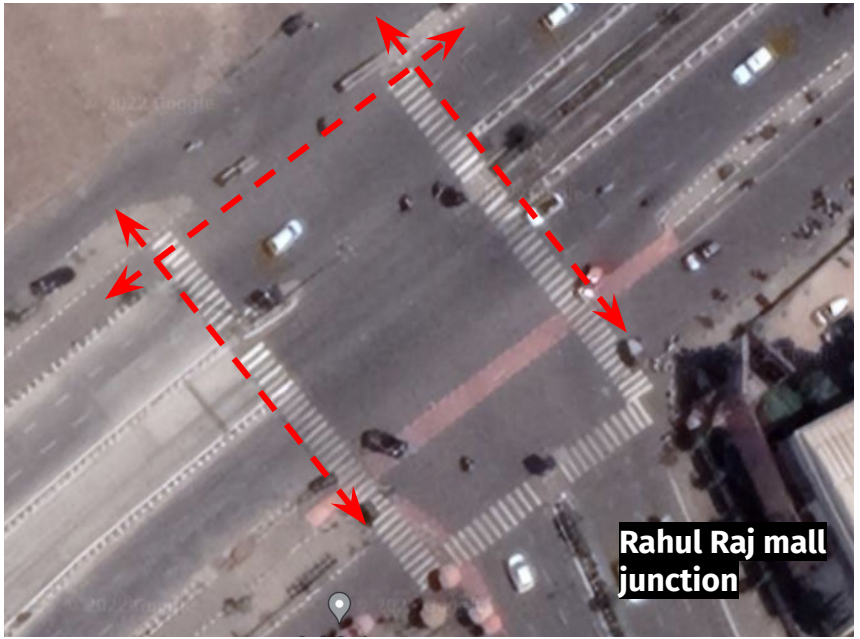
Improper design details slow down speed, reduce safety, and create inconvenience for cyclist.

Closely spaced bollards

Sharp turns

Uneven surface

3. Visibility to cyclist was essential at the conflict points



- Intersection area is large to cross
- Some crossing links are missing
- Fear of fast moving vehicle is there

4. Constant in and out of cycle tracks discouraged cyclists

We have to improve the user experience of various cyclists

Speed matters most to everyday and confident cyclists!

Safety and comfort attracts new cyclists!

Solutions that Surat is working on...

Removed bollards to allow cyclists to pass without reducing their speed.

Brought visibility to conflict points and added signages

Improved the road surface for better comfort

Surat has formed a team of bicycle ambassadors

Cycle ON Track

An innovative idea of adopting different stretches of 5-6 km short cycle tracks by 15 cycle ambassadors from the city has been thought of.

And they will highlight different gaps, perform different activities and campaigns for the promotion of cycling on this 5 km cycle track.

Activities by Leaders

Activity by cycle ambassador

Awareness campaign at Y-Junction

Interactions with other cyclists

Encouraging Citizens for the maximum use of the Cycling Lanes

Surat's first priority is to bring maximum number of cyclists on cycling lanes by:

- Monthly cycling events
- Identify and develop most busy cycling routes on priority basis
- Awareness campaign and training activities
- Declare cycle track as a zero Encroachment routes
- Strict enforcement on cycling routes in morning peak hours

Surat is further planning for:

- Creating good examples of walking and cycling infrastructure & neighbourhoods by hiring design consultants
- Adopting Healthy streets and action plan
- Regular campaigns and capacity development

Thank you