





" The Smart City Mission is one of several major urban development programs focused on India's rapid growth - and its challenges and opportunities. The aim is to promote economic growth, strengthen governance and improve results for urban residents."



SURAT

“Smart Utilization of Surat City’s Potential for enhancing Quality of life for the citizens by Providing Equal Access to Best Quality Physical Infrastructure, Social Infrastructure and Mobility through leveraging state of the art technology; thus making Surat a Futuristic Global city with focus on enhancing economy, protecting the ecology and preserving the identity & culture of the city.”

SMART CITY MISSION

Smart City Mission - A Game-Changing Mission



Smart City Mission announced
by Prime Minister
Shri Narendra Modi
on 25 Jun, 2015.

Surat

selected at



in

20 Smart Cities list declared in
first round by MoUD
on 28 Jan, 2016.

CITIZEN ENGAGEMENT

Citizen Engagement Activities



ONLINE

myGov Essay Competition Drawing Competition Poll Discussion Webinar my GOV मेरी सरकार	SMC Website Poll Feedback Survey Social Media Facebook Twitter Instagram LinkedIn
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OFFLINE

Consultation Stakeholder Ward Level Seminar	Survey Poll Survey Techno Fair Citizen Feedback Survey Local Media
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Citizen Engagement - Social Media & myGov.in

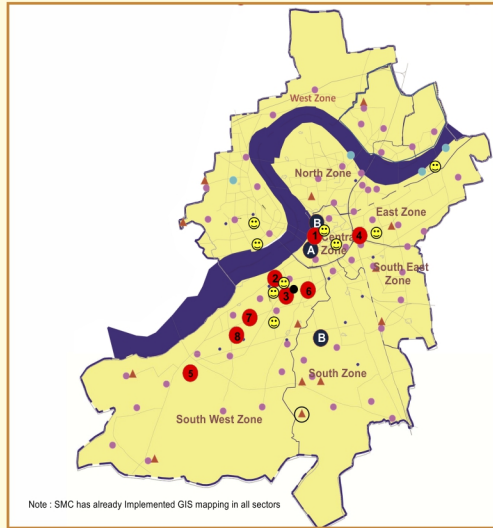
	Facebook 36 posts 3226 likes
	Twitter 155 followers 47 tweets 28 likes
	Instagram 31 posts 207 followers
	LinkedIn 1192 contacts

3 Webinars
8 Topics



SURAT - PAN CITY PROPOSAL

Surat City Map



Note : SMC has already Implemented GIS mapping in all sectors

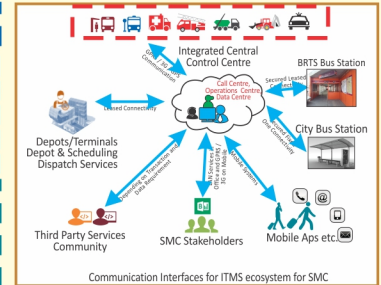
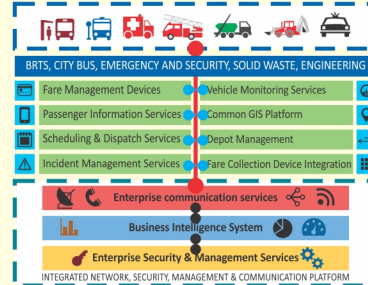
Major Landmarks

1. Surat Municipal Corporation Office
2. Collector Office
3. Police Commissioner office
4. Railway Station
5. Airport
6. Civil Hospital
7. SVNIT college
8. Veer Narmad South Guj. University

Existing Smart Features

- A. SMAC Center
 - B. Roof Top Solar - Science Centre, SMC, WDS
- Sewage Pumping Station
 - Water Works
 - Water Distribution System
 - ▲ Sewage Treatment Plant
 - Tertiary Treatment Plant
 - 24 X 7 Water Supply (In Operation)
 - CCTV Surveillance Control Room
 - Free WiFi at 45 Locations

Surat IT-MAC (Integrated Transport-Mobility Administration Centre)



SMAC Center Smart City Center

- Envisaged as an administrative control center of efficient delivery of all civic services.
- Will integrate and collaborate data from various departments.
- Will enable to monitor the KPIs for various activities.
- Will enable monitoring of the abnormal events and help take corrective actions.
- Will help in improvement of the quality of service.

City Wifi and Fibre to Home

- Wifi service to the citizens covering important public places.
- Citywide Fibre to Home connectivity to provide reliable connectivity with high bandwidth.
- Enabling access to internet for all section of society.

mySurat.in

- Will establish citizen engagement platform promoting citizen partnership in the development of the City.
- Will enable citizens to discuss various city issues, give opinion on services/solutions.
- Will enable citizens to share their valuable inputs and ideas to improve and make city systems better.

Data Center Strengthening & DR Site

- To strengthen Data Center and create DR Site.
- Will help in ensuring maximum uptime and business continuity.

Open Data

- To open up its data and make it available freely for public use.
- Will enable citizens and business to access data available with SMC.

PAN City Components



Surat IT-MAC



Automatic Fare Collection System



ERP with GIS System



SMAC - Smart City Centre



S-Connect Card



Connected Surat (FTH)



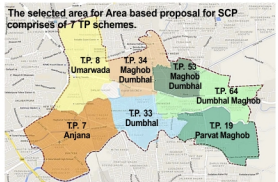
CITY WIFI & FTH



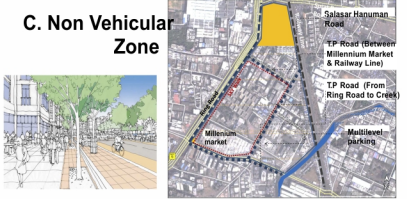
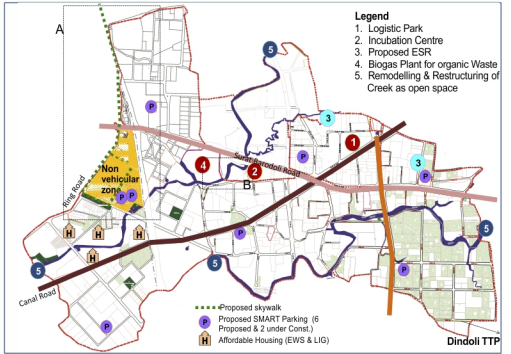
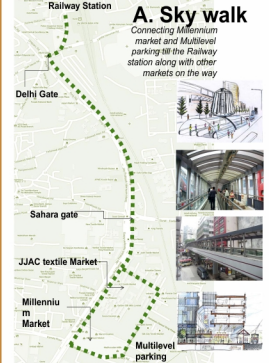
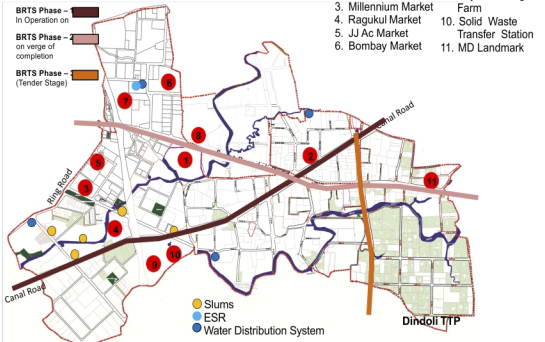
SURAT - AREA DEVELOPMENT PROPOSAL

Area Based Development: Selected Area Existing Plan

Area Based Proposal - Retrofitting : Proposed Smart Features



The area occupies 3 % of physical area of the city, houses 10% of the population and contributes to 16% of the GDP share of the city.



Area Based Development

• Water Supply Management, Quality & Water Recharging

- Up-gradation of existing water supply system to 24 x 7 water supply in the proposed area.
- Smart Metering – for meter reading/ billing remotely - To Reduce NRW up to 15% due to known quantum of unaccounted water.
- Advance online water quality monitoring and on site testing by mobile testing van.
- Zero Liquid Discharge WTP – Recycling of backwash water received during treatment process in Water treatment plant.
- Rain water recharging – to uplift the existing ground water table in the area.
- “Water Conservation” through IEC Activities – For Awareness in Citizens.



Mechanized Parking

• Sewerage- Recycle & Reuse and Storm Water

- Up-gradation and augmentation of two existing Sewage treatment plants in the proposed area.
- Recycling & treatment of secondary sewage water through Tertiary treatment plant for reuse by nearby industries for Industrial use.
- Remodelling and restructuring of existing 5.5 km creek passing through proposed area – Beautification of both sides of Creek by construction of footpath, cycling track, plantation etc.
- Rain water recharging by storm water pipes.



Solar Power Generation

• Renewable Energy Sources (Solar, Wind & Biogas) & LED Street Light

- As per Smart City guideline, 10% of total electricity consumption of area to be achieved by Renewable energy resources.
- Proposed increase in the existing capacity of Wind, Biogas and Solar energy resources as follows:
 - Wind Energy – 2.1 MW
 - Biogas plant for organic waste (In association with APMC)
 - Solar Energy (Roof top) – 1 MW
- LED Street lighting and Smart monitoring system in the proposed area- Automatic On-Off of Streetlights through auto sensors.



Smart Street Lighting (LED)

• Town Planning and Development

- Smart Parking (Mechanized)
- Skywalk (Travellator)
- Visual Improvement in area



Skywalk

• Economic Development Activities

- Logistics Park
- Incubation/ Start up centre

• Affordable Housing

- Planning of 1050 EWS and 1950 LIG Houses under Pradhan Mantri Jan Aawas Yojana .
- Planning of Zero Slum Area by developing 5750 houses based on PPP model.

• Smart City Systems

- Advance Grievance Redressal System.
- Smart Waste Collection System
- Air and Water Quality Monitoring
- CCTV Surveillance Network



CCTV Surveillance

- Surat Smart City Development Ltd. is incorporated on 31st March, 2016.



GOVERNMENT OF INDIA
MINISTRY OF CORPORATE AFFAIRS

Central Registration Centre

Certificate of Incorporation

[Pursuant to sub-section (2) of section 7 of the Companies Act, 2013 and rule 8 the Companies (Incorporation) Rules, 2014]

I hereby certify that SURAT SMART CITY DEVELOPMENT LIMITED is incorporated on this Thirty first day of March Two thousand sixteen under the Companies Act, 2013 and that the company is limited by shares.

The CIN of the company is U74999GJ016PLC091579.

Given under my hand at Manesar this Thirty first day of March Two thousand sixteen.

In Ministry of Corporate Affairs,
Court of India 14

S MEENAKSHI
Deputy Registrar of Companies
Central Registration Centre
For and on behalf of the Jurisdictional Registrar of Companies

Mailing Address as per record available in Registrar of Companies office:
SURAT SMART CITY DEVELOPMENT LIMITED
Office of the Commissioner, Surat Municipal Corporation, Muglisara, Surat,
Surat, Gujarat, India, 395003



Sr. No.	Board of Directors	Designation
1	Municipal Commissioner, Surat	Chairman
2	Standing Committee Chairman	Director
3	City Engineer	Director
4	Dy. Municipal Commissioner (F)	Director
5	Dy. Commissioner of Police (HQ)	Director
6	Dy. Municipal Commissioner (P & D)	Director
7	Dy. Municipal Commissioner (ISD)	Director
8	Central Government Nominee	Director
9	State Government Nominee	Director
10	Managing Director / Chief Executive Officer	Director

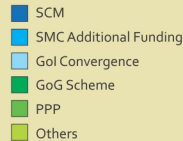
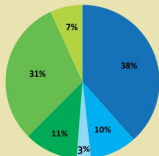
SURAT SMART CITY FINANCIAL PLAN

Surat Smart City Financial Plan (FY 2016-2020)

CONVERGENCE SCHEMES

SN	Subject	Total Financial Plan
(A)	PAN City	
	Transportation - Connectivity	795.00
	Total Amount (A)	795.00
(B)	Retrofitting – Area Based Development for South East zone and East Zone areas of City	
1	Water Supply Management, Quality & Water Recharging	215.00
2	Sewerage Recycle & Reuse and Storm Water	465.00
3	Renewable Energy Sources (Solar, Wind & Biogas) & Street Light	67.00
4	Town Planning & Development (Non vehicle zone street, Walkability Footpath, Non-motorized vehicles, Signages, Skywalk)	260.00
5	Economic Development (Logistic Park & Incubation Center)	70.00
6	Housing & Inclusiveness (Affordable Housing)	700.00
7	Smart City Solution (CCTV TV, Air Quality, Advance Grievance Redressal System and Smart Waste Collection System)	25.00
	Total Amount (B)	1802.00
	Total Amount (A + B) (Rs in Crores)	2597.00

SCP	Total	Smart City Mission			Convergence		SMC Additional Funding	PPP	Other
		Gol's Share	GoG's Share	SMC	Gol Scheme	GoG Scheme			
Pan city	795				0	0	0	110	0
Area Based Development	1802	500	250	250	110	255	260	685	179
Total	2597		1000		78	287	258	795	179





Surat Municipal Corporation

Surat Smart City Development Ltd.

(CIN: U74999GJ2016PLC091579)

115, Smart City Cell, Main office, Surat Municipal Corporation,
Muglisara, Surat-395003, Gujarat, India

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Email: commissioner@suratmunicipal.org, suratsmartcitycell@gmail.com