

SMART CITY AMRITSAR

Smart City

Learn more Contact

We Provide:

- Big Data**
Cras pulvinar euismod risus, id sagittis nisi aliquam eu. In efficitur tristique ipsum.
- Automation**
Cras velit odio, aliquam faucibus et/ferend et, lacus eget quam. Nam eget grande lectus, vel
- Smart Home**
Duis at nibh id neque sagittis faucibus, amper vel nisi. Etiam velit enim, euismod.
- Internet Of Things**
Pretin congue diler eu volutatem convallis. Cras aptent laoreet suscipit ad illores torquent per.

ANNEXURE 1

VISION STATEMENT:

"**Amritsar:** an internationally oriented, Green and Vibrant city with world class infrastructure that treasures its rich cultural, historical and religious heritage as a sustainable foundation for its Tourism based economy".

CITIZEN CONSULTATION

Citizen consultation exercises involved various groups, associations and citizens from all sections of the society. Total 354,869 citizens (30% of total population) participated in evolving AMRITSAR vision & Goals.

KEY THEMES

THEME 1: INTELLIGENT PHYSICAL INFRASTRUCTURE

THEME 2: WORLD CLASS TOURISM DESTINATION

THEME 3: SELF SUSTAINABLE TRANSPORTATION & ENVIRONMENT

Theme 4: MAKING GOVERNANCE CITIZEN FRIENDLY

Theme 5: INCLUSIVE GROWTH (PLANNED COMMUNITIES)

PAN CITY PROPOSAL (to be implemented throughout the City):

Amritsar is a historical and holy city with an average of one lakh tourist visiting the city every day. During citizen consultation process, various issues were raised by the citizens and key stakeholders related to government and municipal services. The issues were later compiled, scrutinized, and short-listed based on the maximum responses and priority. In response to the concerns and views expressed by citizens three pan city smart solutions are as selected for implementation throughout the city.

- 1. Traffic & Mobility:** Seamless urban mobility with the help of ICT based platforms. The basic aim will be to increase the share of public transport with equitable road distribution for pedestrians, cycle tracks and vehicles. It will be integrated with existing and proposed transportation networks/system of Amritsar city.

- 2. Intelligent Solid Waste Management:** Intelligent solid waste management will be an ICT enabled system. Intelligent solutions will improve collection, transportation, landfill management, and waste-to-energy processing. Citizen services will be improved through mobile apps that facilitate grievance reporting and redress.
- 3. ICT Based City Utilities Management and E-Governance:** Integration of all government services and bringing them to a common digital platform. Various sensors, video camera based inputs and application systems will provide smart solutions to Amritsar city to improve operations and optimize services delivery to citizens and tourists for healthy experience.

AREA BASED DEVELOPMENT (to be implemented in selected area):

- **Area Selected**

Walled city area (>950 acres) is selected for Retrofit-Redevelopment through desk research, analysis, meetings with public representatives, prominent citizens and citizen's engagement (senior citizens, disabled people, women, children and youth among others).. The area acts as a landmark for the city depicting its strong cultural importance and will become economic and cultural hub.

- **Components of Proposed Area Based Development**

- 1. Transport & Mobility:** Road development, no vehicle zone with smart parking, pedestrian friendly roads, real time air monitoring, last mile connectivity with e rickshaws, carts and cycle sharing system.
- 2. Assured Electricity Supply:** Provision of 24 x 7 power supply with 10% from Renewable energy source, Micro grid monitoring with smart consumer meters. Overhead cables of power and telecommunication along main roads to be taken underground will help in improving the street scape of walled city area.

- 3. Water Supply, Waste Water & Sanitation:** 24 x 7 water-supply system with SCADA, 100% smart metering, reuse of recycled wastewater and channelized storm water drainage.
- 4. Solid Waste Management:** 100% collection and segregation, smart garbage bins, mechanical sweeping, economical transportation and scientific disposal of waste.
- 5. Open Space & Visible Improvement:** Reinventing available hierarchy of urban green spaces(60nos)and circular road as attractive Public Spaces, by transforming them into recreational areas whereas larger parks (sakatri and goal bagh) into themed cultural destinations. Creating Public squares and refurbishment of peripheral wall of walled city.
- 6. E-Governance & Citizen Services:** Smart mobile app for citizens for all municipal services. Cameras with fully equipped operations control rooms for walled city area. Mobile based exploratory app for ease of tourists.
- 7. Redevelopment of Public Amenities:** Re development of Town hall into Socio Cultural recreational center. 'Theme/special events calendar' could be added to make the space an even bigger destination, by organizing events related to e.g., Music, Theater, Arts, Yoga, Redesign public arenas, Sports, Environment and Heritage protection etc.
- 8. Relocation of Polluting Densed Urban Clusters From Core:** Moving polluting industrial and wholesale clusters outside the walled city area. Strengthening of skill based employment and business clusters at identified locations. Providing inclusive affordable housing in growth corridors of Amritsar. Aim will be to promote Skill development clusters to boost brand 'AMRITSARI' or 'AMBARSARI' in ethnic cuisines, long multipurpose scarf (phulkari) and foot wears (jootis) among others.

FINANCIAL PLAN:

The total estimated cost of the proposed projects including CAPEX & OPEX has been prepared to the tune of **Rs.4052.90 Cr.**

A. CAPEX

S. No.	Components	Estimated cost (Rs. in Cr.)
A.	PAN City Projects	1814.40
1.	E-Governance	90.00
2.	Intelligence Solid Waste Management	442.50
3.	Piped Gas Network	600.00
4.	Mobility & Traffic	656.90
5.	DPR & Master Plan	25.00
B.	Area Development (Retrofitting) and redevelopment-Walled City	1616.50
1.	24 x 7 Water Supply	185.40
2.	24 x 7 Electricity	5.90
3.	Sanitation including Solid Waste Management (SWM)	168.90
4.	Mobility & Intelligent Traffic	136.7
5.	Open Space & Improvement of Urban Area	113.00
6.	Redevelopment of Public Amenities	202.30
7.	Relocation of Dense Pollution Urban Cluster	784.30
8.	DPR Cost	20.00
	Total (A+B)	3430.90

B. OPEX : 622.00 Cr.

Total Project Cost (CAPEX + OPEX) : 4052.90 Cr.

RESOURCE PLAN: The financing options for the components identified under the SCP Amritsar are planned considering the capital available from the GoI & GoP and will be made available for the period of 5 years. Different sources of funding which can be used to fund SCP Amritsar are:

Funding (Inflow):

Sr.No.	Fund Source (@ 5 Years)	Rs. in Crore
A.	GoI & GoP Funding - SCM	976.00
1.	Centre funding	488.00
2.	State Funding	488.00
B.	Funding Through Central & State Govt. Schemes	1333.63
3.	• Convergence SBM - SWM	301.50
4.	• IPDS 24x7 (energy supply)	3.80
5.	• Convergence AMRUT 24x7 (water supply)	150.00
6.	• Convergence HRIDAY – Heritage & Peripheral Zone Upgradation	60.00
7.	• Beautification of Golden Temple Area – Tourism Department	60.00
8.	• Sewerage Board (PWSSB)	12.00
9.	• BRTS (PIDB)	50.00
10.	• Town Hall into Museum - Tourism Deptt.	6.33
11.	• Mechanical Sweeping	90.00
12.	• Piped Gas	600.00
C.	PPP Revenue	1086.00
13.	Revenue from PPP Commercial	1070.00

Sr.No.	Fund Source (@ 5 Years)	Rs. in Crore
	Projects	
14.	Revenue from MLCP Parking	16.00
D.	Revenue from User Charges	441.67
15.	Revenue from Gas Network	50.00
16.	Revenue from Setting of 8 CNG Pumps	20.00
17.	Revenue from Underground Cabling & Gas Network	5.00
18.	Revenue from Advertisements	47.00
19.	Hybrid Vehicle 50 Nos.	0.67
20.	Revenue from Increased Taxes	305.00
21.	Revenue from Impact Fee from Area Development Project	14.00
	Total (A+B+C+D)	3837.30