



SMART CITY JABALPUR



Smart City Plan and Proposal
Draft Final Smart City Proposal



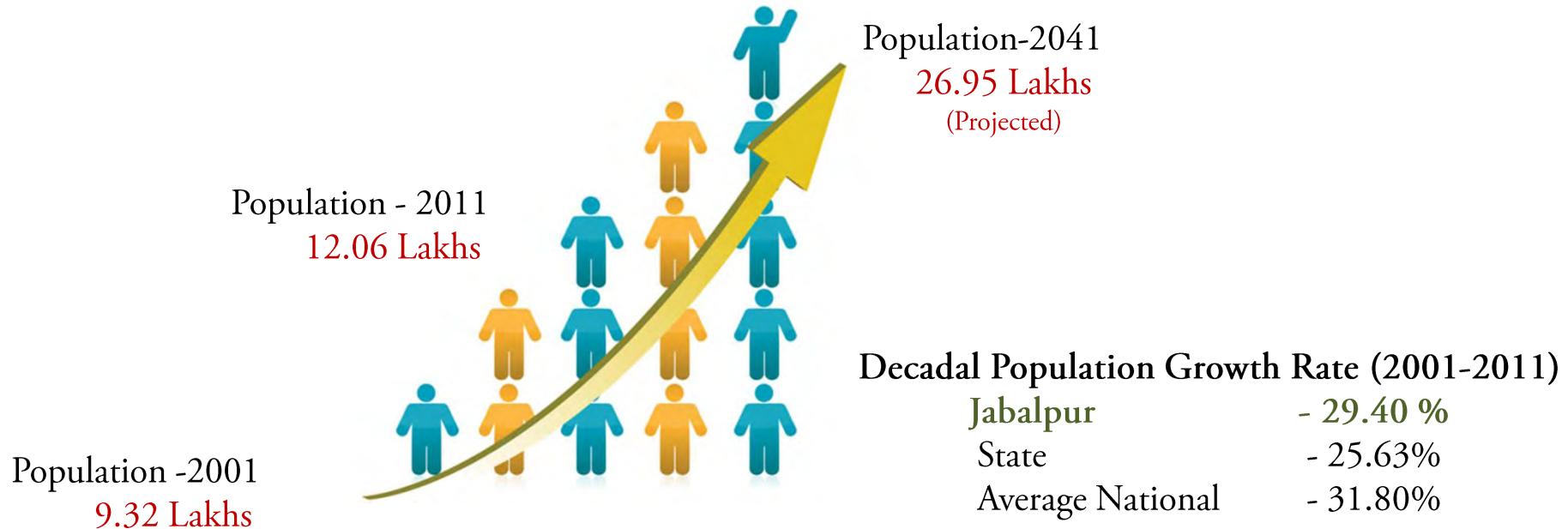
JABALPUR MUNICIPAL CORPORATION

MEHTA & ASSOCIATES
URBAN PLANNERS, INDORE

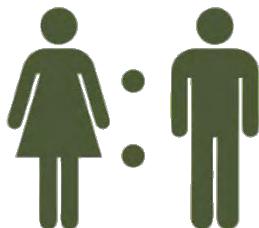


General City profile

Demographic Profile



Sex Ratio (2011)



Jabalpur	:936
National Urban	:929
State Urban	:918

Literacy Rate (2011)

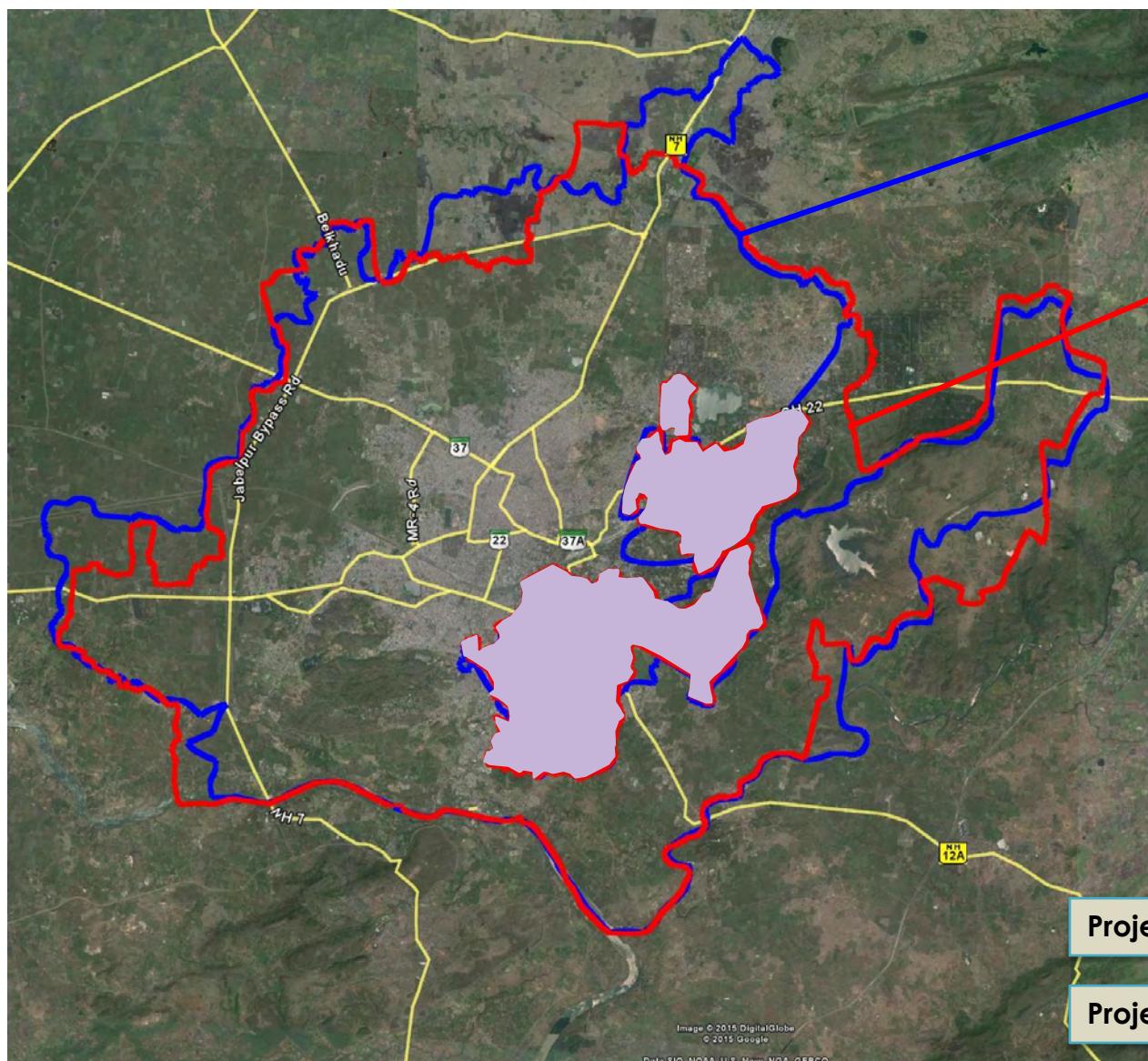
Jabalpur	:87%
National Urban	:74.47%
State Urban	:72.59%



Source: Census of India 2001, 2011

General City profile

Administrative Boundaries



Planning Boundary
Area : 245.17 Sq.Km
Population: 12.10 Lakhs

New Municipal Area
Area: 263.49 Sq.Km
Population : 12.06 Lakhs

- 55 new Villages included in Jabalpur Municipal Area in 2014
- An area of 134.29 km² was added in the municipal limits
- The city area is divided into 79 wards

Projected Population (2015) -14.36 Lakhs

Projected Population (2021) – 17 Lakhs

General City profile

The city is expanding towards

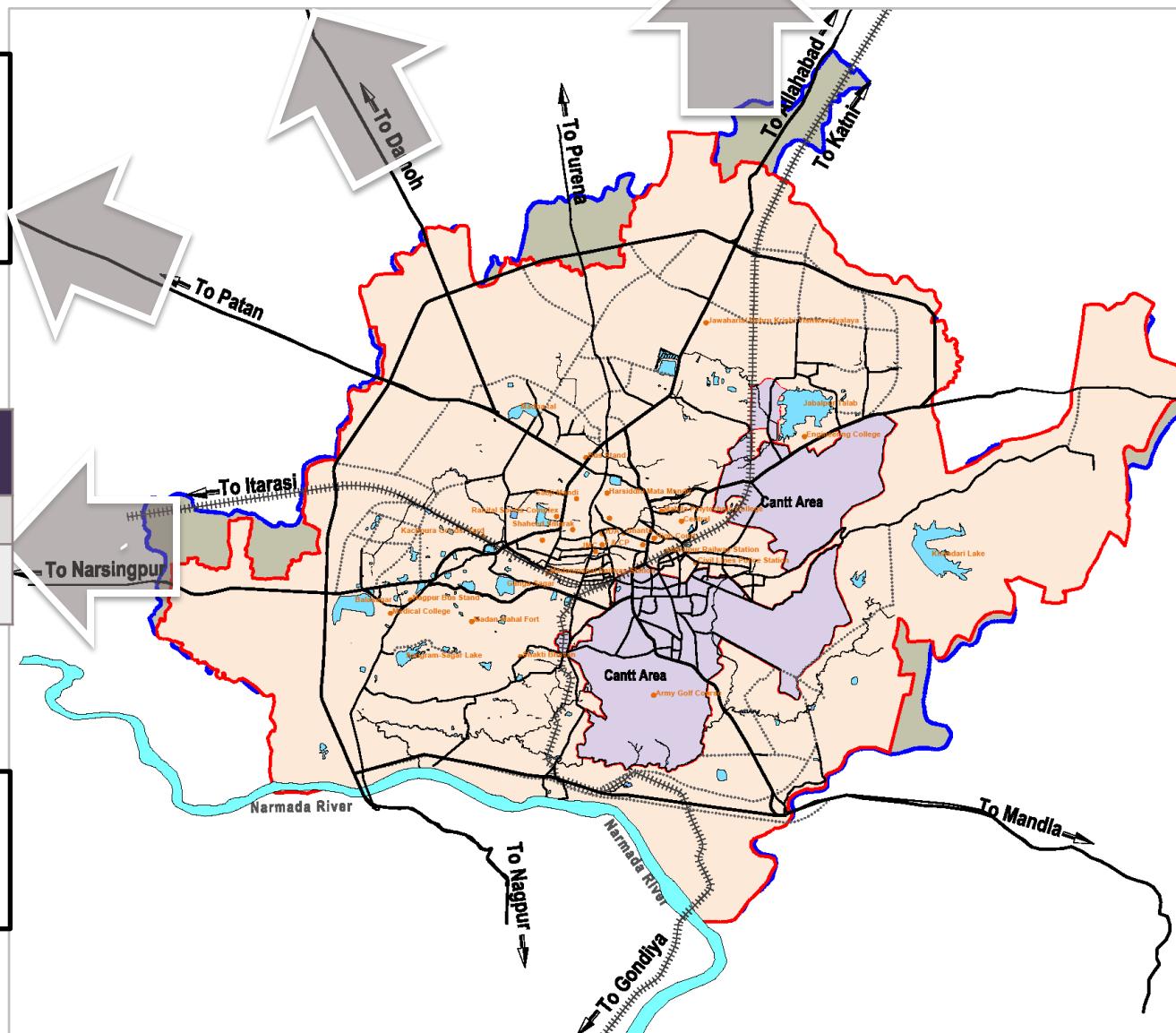
- North-West direction along the Purena and Damoh road
- Western side NH12

Population (Lakhs)	2001	2011
Jabalpur City	9.32	12.06
Cantonment Area	0.68	0.72

Growth is restricted by

- Narmad River - South
- Cantonment – Eastern Part

Growth and Urbanization



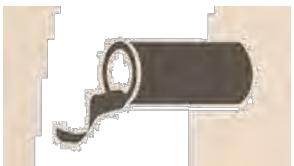
General City profile

Infrastructure



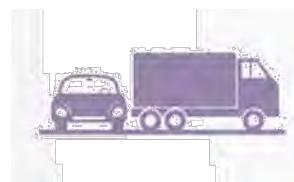
Water Supply

- Treated Water Quantity : 217 MLD*
- Existing Water Demand : 193.86 MLD



Sewage

- Generation : 121.52 MLD
- Existing Treatment Capacity : 50 MLD**



Transportation

- Length of Roads in the City : 811 Km
- Length of Major Roads : 326 Km



Social Infrastructure

- Hospitals : 100+
- Schools : 1000+
- Colleges : 90+

*Including Bulk water supply of 40 MLD

** Unutilized

CITIZEN CONSULTATION

Online Consultations

My Gov Activities

Social Media

Website/
Email

Online
Suggestion
Forms

Whatsapp

Offline Consultations

Events and
Activities to
create a buzz
about smart city

Focus Group
Discussions

Face to Face
Consultations

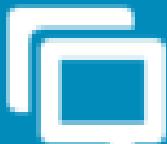
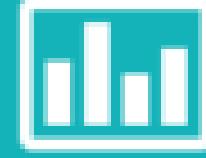
Suggestions/
Feedback form

Written
Submission

Online Consultations

Feed Back – Online Consultations



 Discuss	 Do	 Blog	 Talk	 Poll
Suggestions 58654	No. of Essay 235	Blog 571	Talk 7	Poll on ABD and Pan City Initiatives

As on 30th November 2015, 8:00 PM

Online Consultations

Feed Back – Online Consultations

				
15054	156	22114	2250	421



Kickoff Meeting

3rd October 2015, Hotel Kalchuri

Participants – 250+

Suggestions – 200+







Rock Show

15th October 2015,, Gawarighat

Participants – 500+

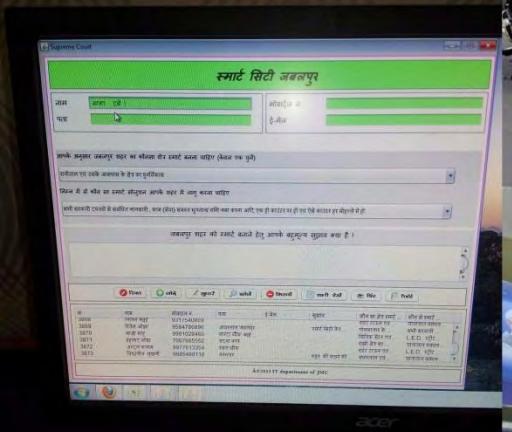
Suggestions – 300+





Promotional Activities







Meeting with Editors

11th October 2015, Hotel Kalchuri



Participants – 75+

Suggestions – 50+

18 को भजन संस्था में चरनजीत सिंह दंगे प्रस्तुति, मुखायरा में गृजा स्मार्ट सिटी, स्मार्ट योगा से सुधाएंगे लोगों को

हाईकोर्ट बार से मांगे स्मार्ट सिटी के सुझाव



मारे संवाददाता | जगतपर

स्पार्ट सिटी के लिए आज नार निम ने हाइकोर्ट बार से सुझाव मांगे और वहाँ स्पार्ट सिटी योजना की परी जाकरी दी गई। एसायरिंगेन के सभी पदविकारियोंने हर प्रकार के समयांग का आश्वासन दिया और कहा कि शहर का स्पार्ट सिटी बनाने हर तरफ दिया जायगा। इसके साथ ही नार निम ने लोगों को जगृत करने के लिए आज हर तरह से प्रयास किए। जबकि स्कूल और कॉलेजों में प्रतिक्रियण दिया गया, वहाँ मानस भवन में मशाल शायर राहत द्वारा न शेषों के माध्यम से लोगों को प्रेरित किया गया।

प्रियांका वेदना ने ज्ञान वाहन एकाई बदर परस्परान्वयन के तहत नवीन टेक्नो विकास पर धृति देखी। वहाँ विद्युत रसो और वायरलैन बनाया।

३ महाविद्यालयी गोपनीयता या विद्यालय ही थी। अब उसको लोडी नीली रुदी दिया जायगा। १५ अप्रैल को रात १ बजे से रात ५ बजे तक परमाणु संरक्षण का अधिकारी दिया गया। जिसके महावृत्त गवायक घटनाकालीन कोई भी घटना नहीं होती। उसी विद्युत रसो द्वारा ट्रायल स्टेटमेंट में



Meeting with BAR Association

16th October 2015, High Court

के 151 और सदन के मध्य 52 सदाचार देखे गए हैं।

Participants – 150+

Suggestions – 100+





Meeting with Educationist and Students

12th to 16th Oct 2015, 16 Institutions, 5000+ Students

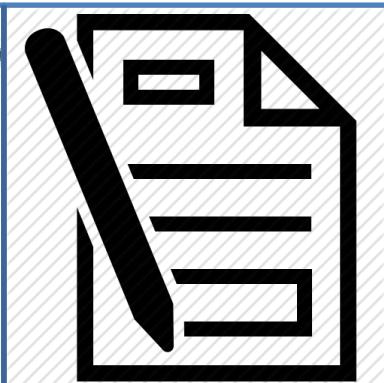




Meeting with Garment Manf.

Offline Consultations

Feed Back – Offline Consultations

				
Events 15000+	FGDs 6758	Face to Face 1200+	Forms Round 1 – 95768 Round 2 - 35625	By Posts 300+

Extent of Consultation

Online

**No of Suggestions
Received**

99462

Offline

**No of Suggestions
Received**

156838

“Transforming Jabalpur into a vibrant regional economic and cultural hub through inclusive urban regeneration, to act as a magnet for investment and new opportunities for the youth”



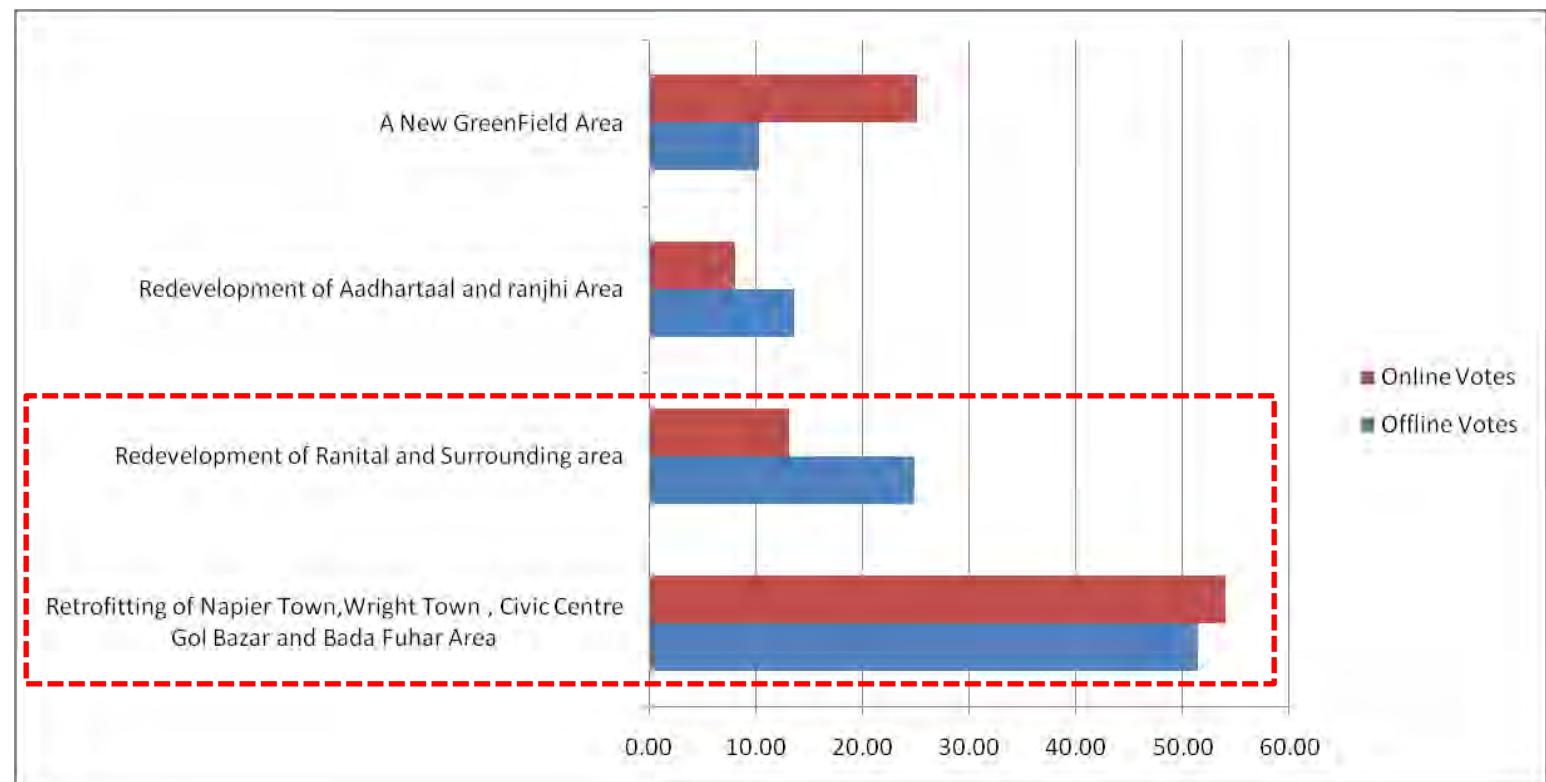
Area based development

Prospective Proposals for Area Based Development

Criteria for Selection of Options for Area Based Development

Contiguous Land Parcel	Cater 24 features	Replicable	Hub to Spoke	Doable	Financially Viable	Acceptable
------------------------	-------------------	------------	--------------	--------	--------------------	------------

Polls on Shortlisted Options



Polls received on Mygov, Smart City Website and on feedback form till 30th oct 2015

Zeroing in to Selected Area

Contiguous Land Parcel	Cater 24 features	Replicable	Hub to Spoke	Doable	Financially Viable	Acceptable
------------------------	-------------------	------------	--------------	--------	--------------------	------------



Total Site Area – 743 Acres

Population – 41059



Highlights of the Area

- **High population density and compactness of proposed area**
 - More people are served in smaller area
- **Major commercial properties are located in this area**
 - Thus it will revive and rejuvenate the city's economy
 - Creating New CBD in Civic Center and Gol Bazaar
- **Variety of Land uses – Mix Land use development approach**
 - Provision of public transport will reduce the traffic load on existing roads
- **It caters to need of various sections of society**
 - Poor, Business class, Service class
- **Around 1,00,000 employed in unorganized garment manufacturing industry in this area with turnover of 600 Crs (approx.)**

Highlights of the Area

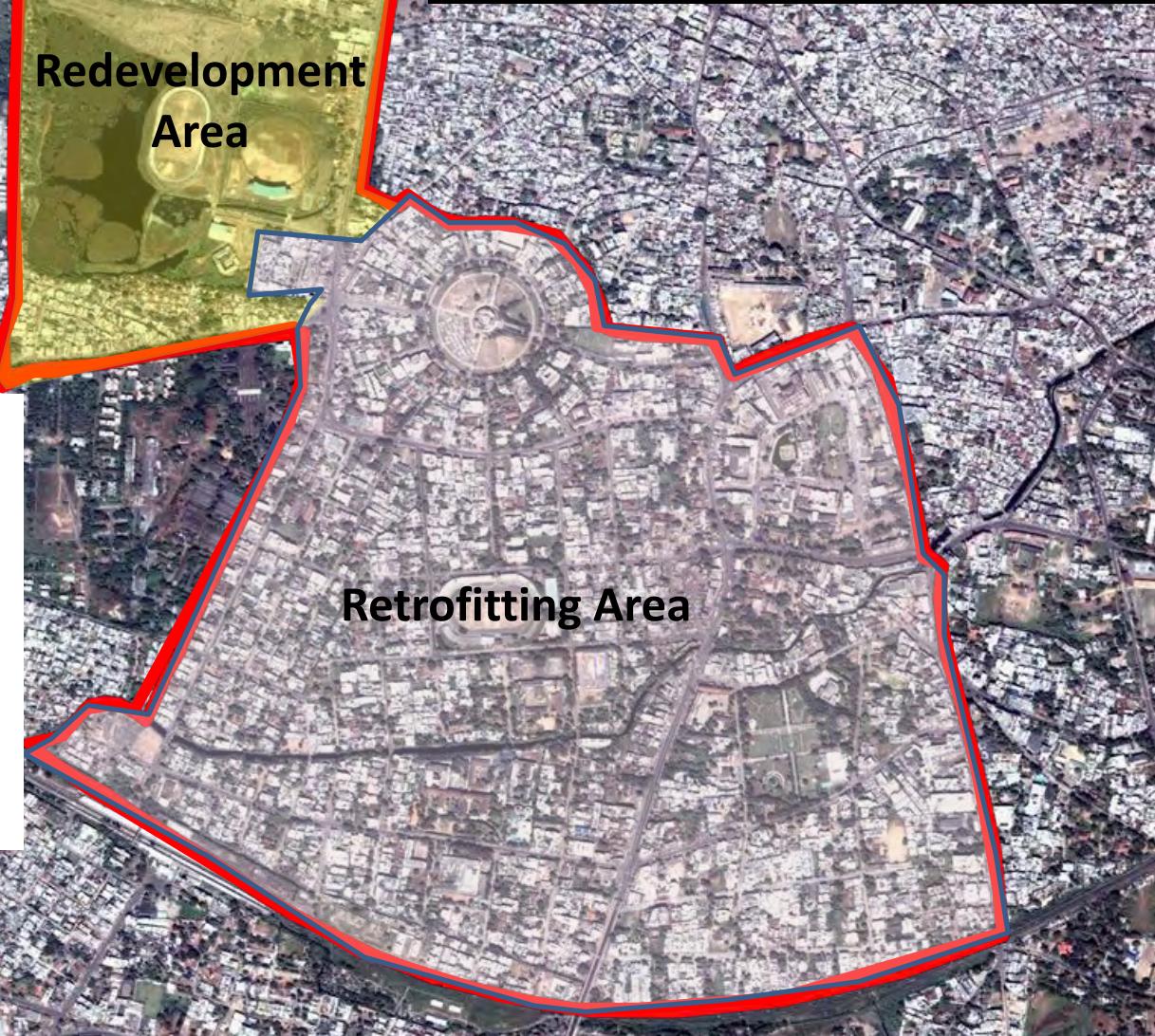
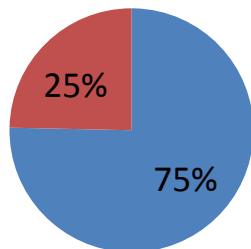
- **Excellent connectivity**
 - Station area redevelopment will be facelift for city
 - ToD Development around Station and Arterial Road
- **Presence of 2 Stadiums, Major Parks and Public Open Space of the City**
 - Recreational Space
- **It will be developed on “Hub to Spoke”**
 - Being in center, it will serve the peripheral areas
- **Presence of Water Body**
 - Environment Sustainability
 - Water Front Development
- **Presence of Numerous Education and Health Facilities**
 - 45 Health Facilities and 50 Educational Institutions in the area
- **Affordable Housing for All**
 - 10,000 Slum Population residing in the area

Hence all Major components of Smart City are catered in this area



**Strategy Selected : Mix of
Retrofitting and Redevelopment**

- Retrofitting Area
- Redevelopment Area



Ganga
Sagar

Developing Ideas

Green Corridor

6

Dev. of Gol Bazaar

7

Civic Center as new CBD

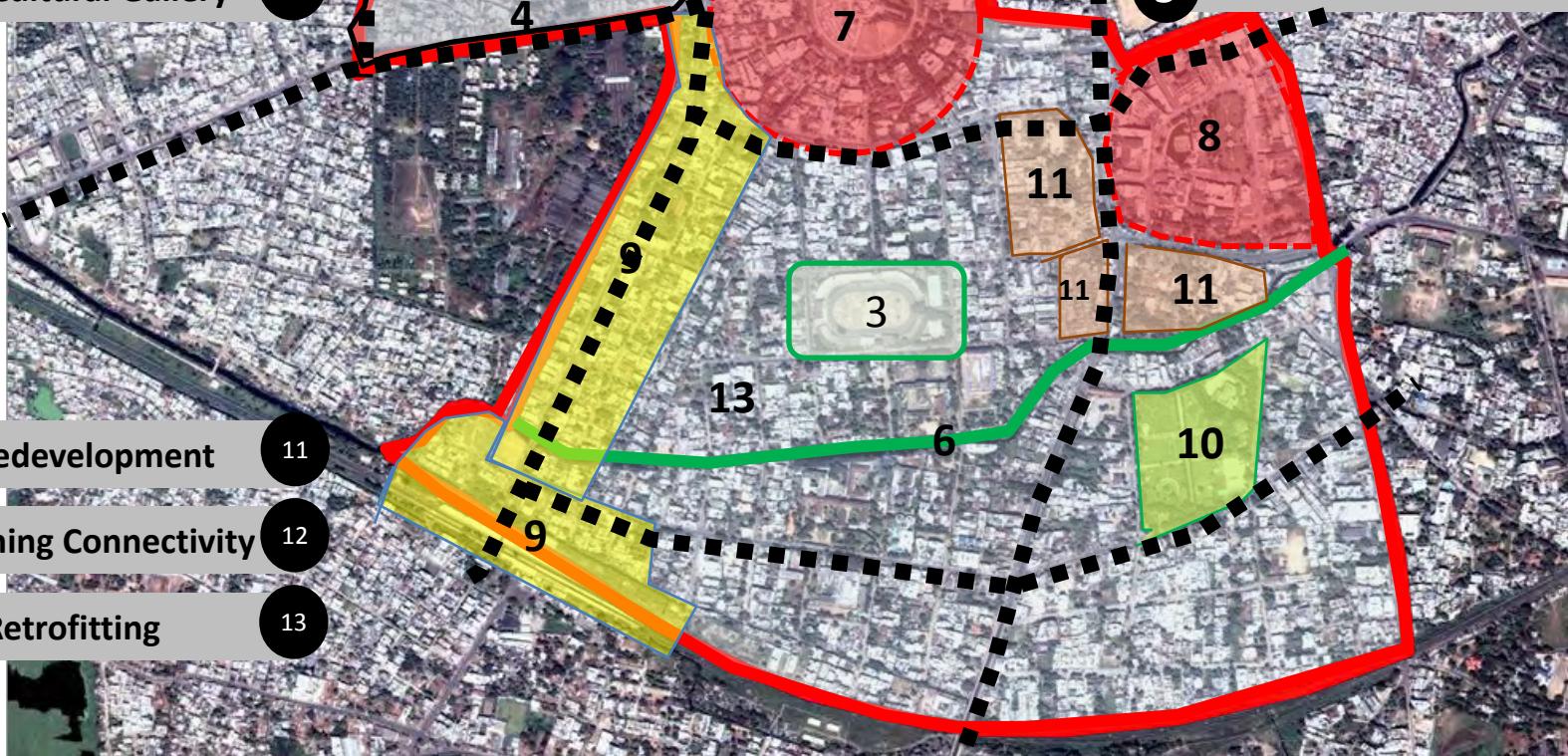
8

Transit Oriented Development

9

Bhavartal Cultural Gallery

10



Restoration of Ranital Tank

1

Development of Green Areas

2

Development of Sports Complex

3

Re Development of Slums

4

Development of Convention Center

5

Land for Redevelopment

11

Strengthening Connectivity

12

Standard Retrofitting

13

Transformation



Transformation



Transformation



Transformation



Area Based Development- Transformations



Development of Green Corridor



Area Based Development- Transformations



Transformation of Ranital Area



TOD along Major Roads

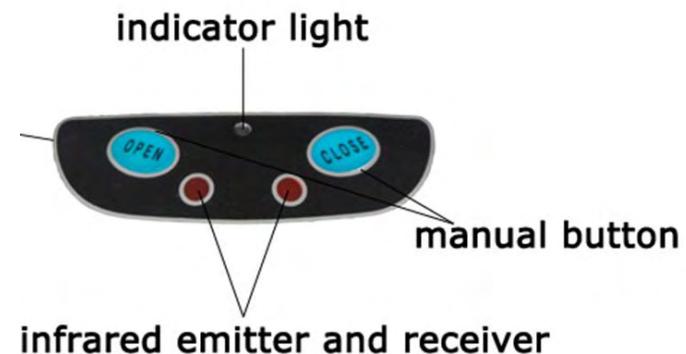
PAN CITY PROPOSAL

RFID Based Real Time Waste Management System

E-DUSTBIN OR SMART DUSTBIN

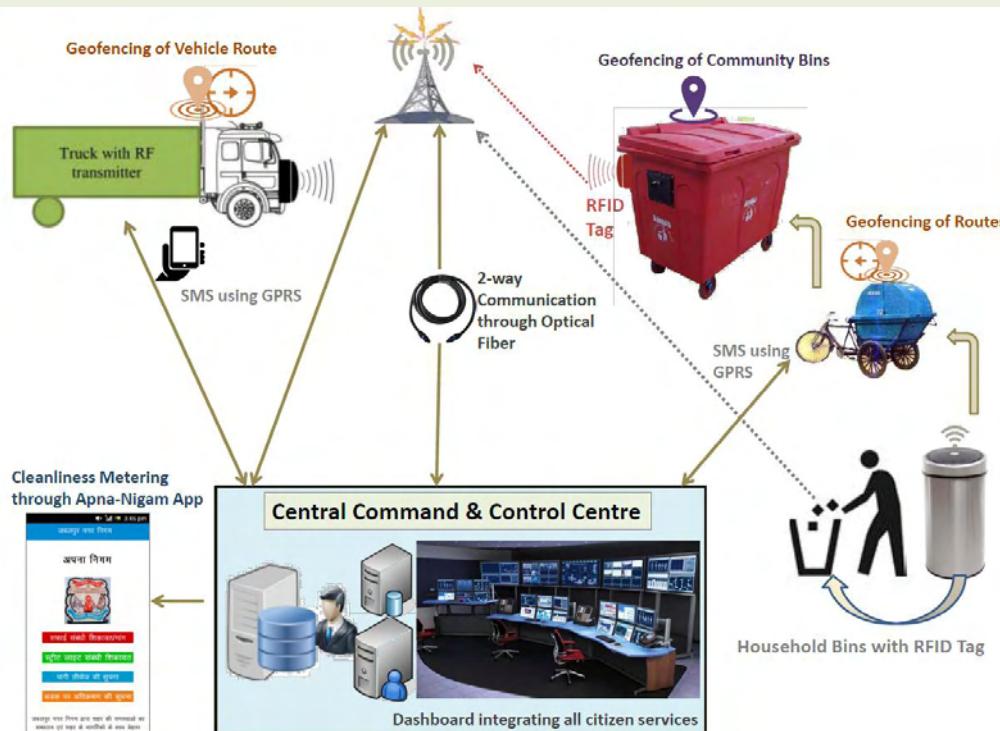


Automatic Sensor Dustbin for Households
To Facilitate Monitoring of Door To Door
Collection

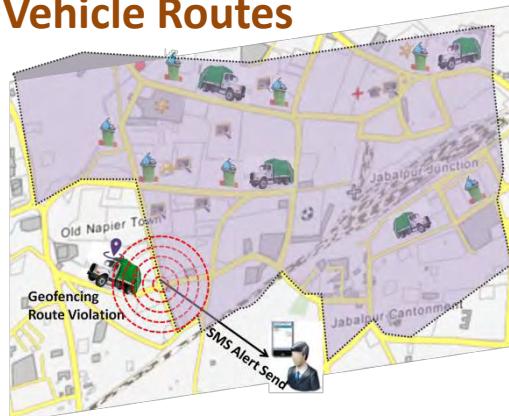


- Weight sensor will be placed under the garbage bin or dustbin.
- When the weight reaches to the threshold value, a sms will be sent to the respective Municipal authority person.
- Then that person can send the collection vehicle to collect the full garbage bins or dustbins.

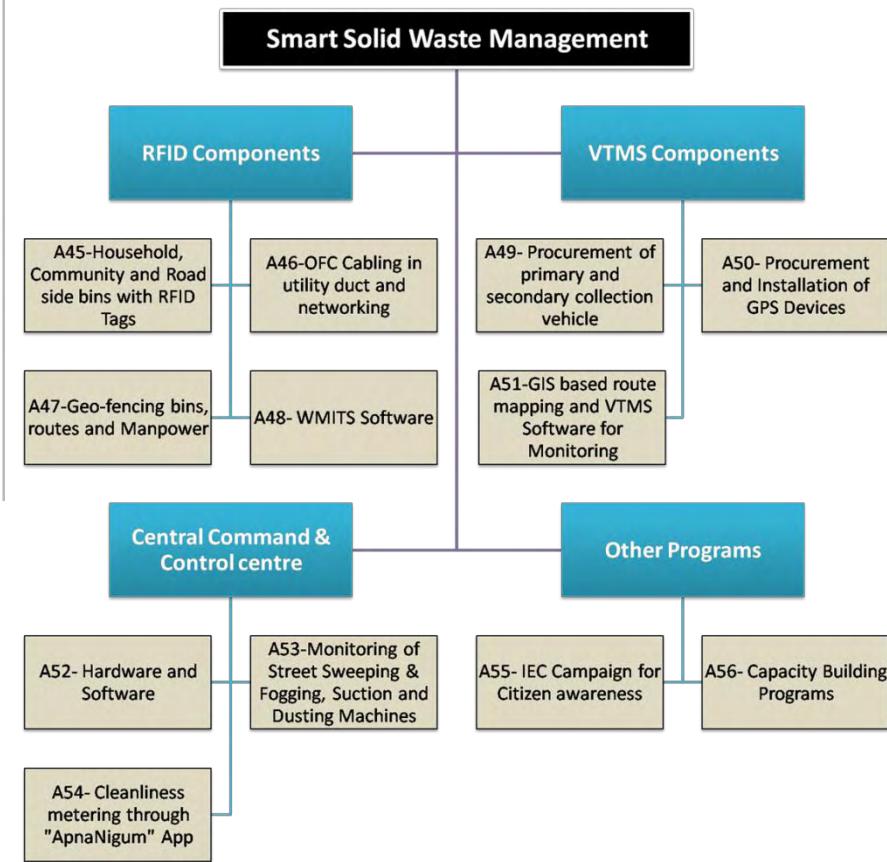
System Architecture



Geo-fencing of Vehicle Routes



Components & Activity Chart



Kindly provide your Suggestion on this proposal.



Fb.com/smartcityjabalpur



@jmcjabalpur



www.smartcityjabalpur.org



9685043286



18002333128

Thank you



**Jabalpur Municipal
Corporation**

Knowledge Partners



MEHTA & ASSOCIATES
URBAN PLANNERS, INDORE