CENTRAL BUSINESS DISTRICT

Transform the city's geographic centre into a vibrant, **multi-modal mixed-use district** that supports **increased densities**, **balance of live and work** opportunities, and **placemaking** opportunities within close proximity to upgraded transit facilities.

JANPATH GOVERNMENT HOUSING REDEVELOPMENT PROJECT

30 Acres of two row housing in Unit 1,2 &3 redeveloped for high density residential developments.

11,650
EMPLOYMENT

8,775
POPULATION

3800
DWELLING UNITS

4.7 Lakh Sq.ft
OFFICE SPACE

500 ECS
PARKING SPACE

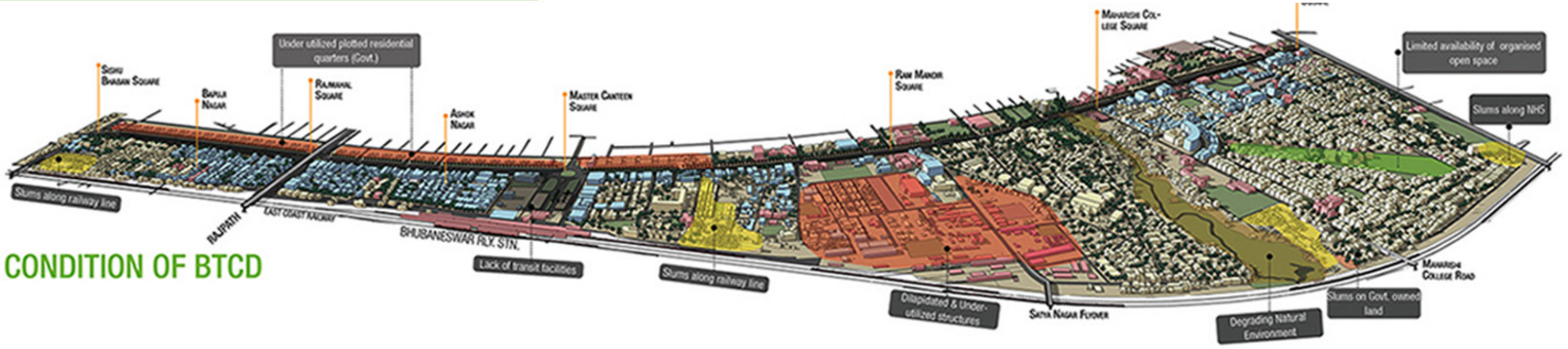
10.8 Lakh Sq.ft
RETAIL SPACE

KEY COMPONENTS

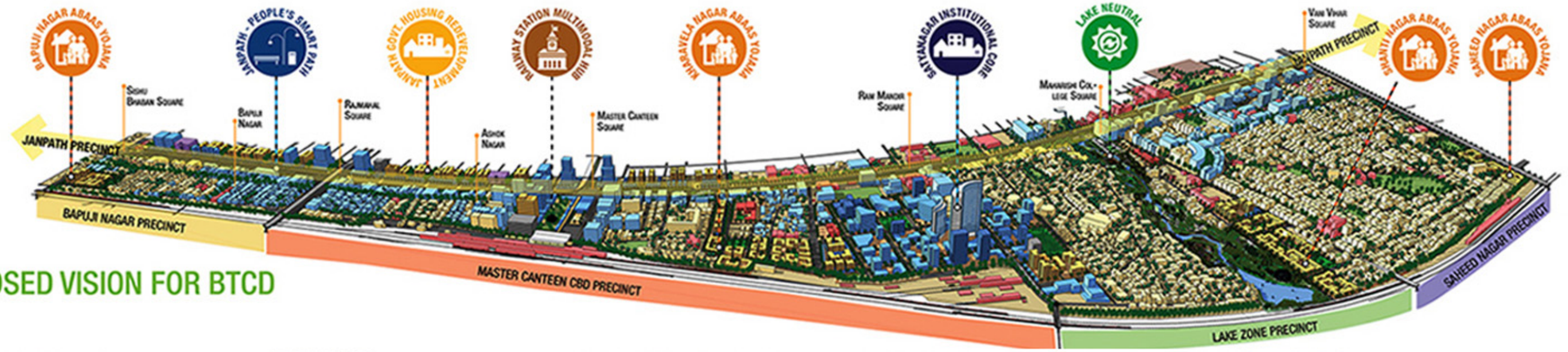
2 Hospitals I
Mixed Use I Differential FARs I Walkability I Water Recycling I Compact Urban Form I Mixed-use Multilevel Car Parking

PROPOSED AREA BASED DEVELOPMENT

BHUBANESWAR TOWN CENTRE DISTRICT (BTCD)



EXISTING CONDITION OF BTCD



PROPOSED VISION FOR BTCD

RAILWAY STATION MULTIMODAL HUB

12-acres Redevelopment Project as BBSR's first smart public building and **TOD mixed-use project** including **Railway Station terminal building redevelopment.**

NBCC will take up the project. It is expected that project will generate **cash inflow into CIDF for more than Rs. 200 Cr.** on basis of **land value capture.**

SATYANAGAR INSTITUTIONAL CORE

Redevelopment of 40-acres of underutilized public land into an **institutional space promoting commerce, business, and education hub** (internationally certified courses offered by educational institutions, and multi-skill centre)

Private Investments shall be pro-actively promoted.

Central Plaza in the area

LAKE NEUTRAL- ECOLOGICAL & WATER CYCLE RESTORATION

30-acre project, as a fulcrum for **integrated water management through rainwater harvesting**, productive **landscaping and green infrastructure.**

To be developed as **Eco-tourism project** having **Net Zero as the guiding principle.**

JANPATH - PEOPLE'S SMART PATH

The area's **5-km long priority transit corridor**, will be the first roadway that will undergo a **redesign of the existing 60m RoW** into a **pedestrian friendly roadway.** This will be achieved through road diets, no parking zones, mid-block crosswalks every 250m, shade trees/ arcades, street furniture, designated multi-use vending zones & active retail frontage. The costing is for civil works and ICT components.

JANPATH GOVT. HOUSING REDEVELOPMENT PROJECT

Redevelopment Projects to provide **3800 houses with an average 1000 sq. ft. carpet area and 1600 sq. ft. saleable area.**

Houses to be created on **30 acres of government land.**

Government to get its share of **houses as per project structure.**

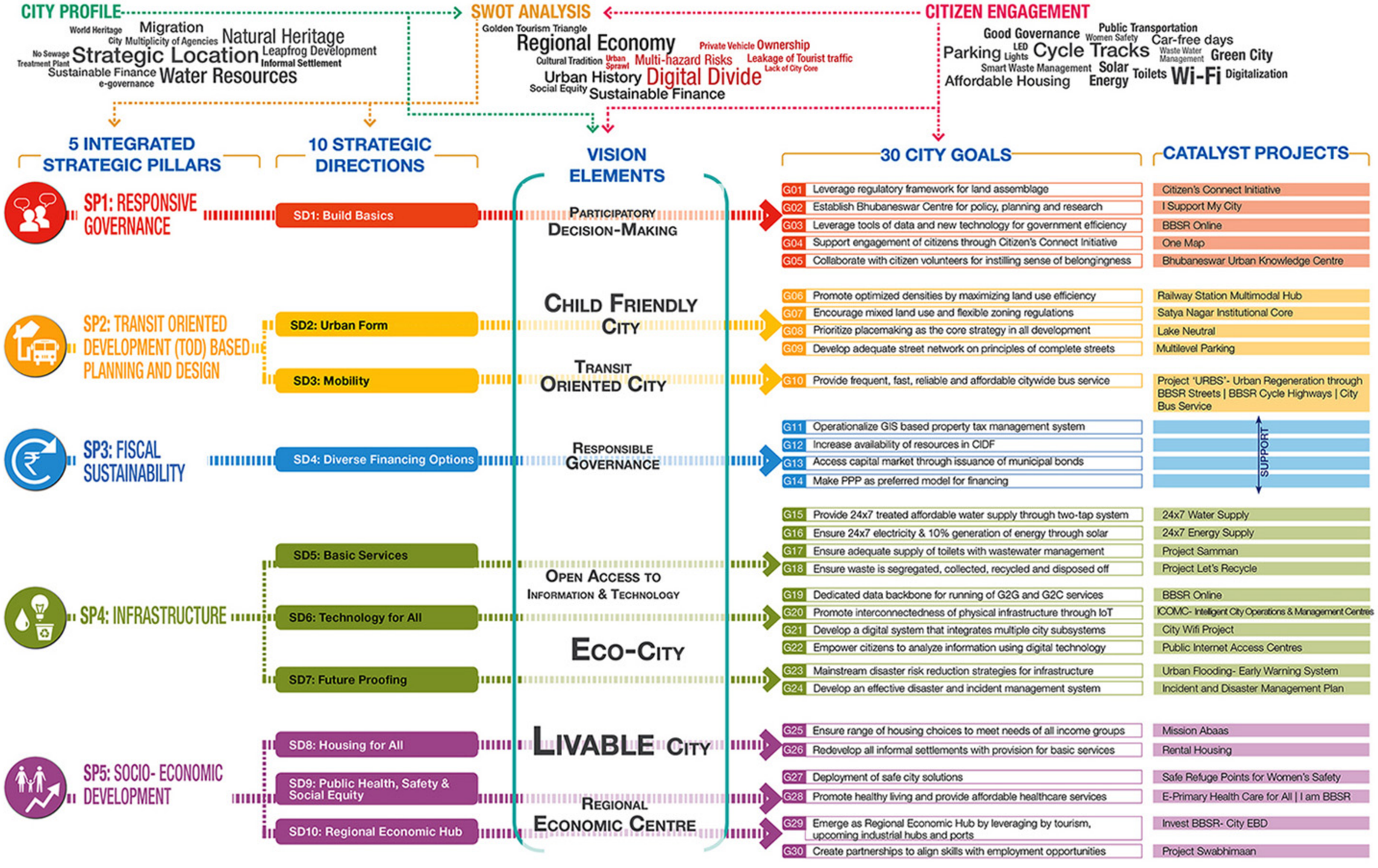
MISSION ABAAS

4 Slum Redevelopment Projects - Bapuji Nagar Abaas Yojana, Kharavela Nagar Abaas Yojana, Shanti Nagar Abaas Yojana, Saheed Nagar Abaas Yojana with **6000 number of EWS units and 1200 number of HIG / MIG units for cross subsidisation**

VGF @ Rs. 2.5 Lakh is expected to be quoted. For meeting the same Rs. 1 lakh will be paid from PMAY and Rs. 1.5 lakh beneficiary contribution.

STRATEGIC PLAN- New Urbanism in Action

Building on the City Profile, SWOT analysis and Citizen Engagement, Bhubaneswar's Strategic Plan focuses on **5 strategic pillars** guided by **10 Strategic Directions** which are the key strategies for the plan supported by **30 City Goals.**



SATYA NAGAR INSTIUTIONAL CORE

40 Acres of institutional space promoting commerce, education and business

Proposed Master Plan

13,850 EMPLOYMENT

3,015 POPULATION

670 DWELLING UNITS

10.6 Lakh Sq.ft OFFICE SPACE

500 ECS PARKING SPACE

2.2 Lakh Sq.ft RETAIL SPACE

HOTEL

8.5 Lakh Sq.ft HOTEL+CONVENTION

KEY COMPONENTS

Smart Waste Bins | Non Vehicle Zones | Mixed-use Multilevel Car Parking | Integrated Housing Societies | Street Vendor's Market | High End Hotels | Office and Commercial Space

RAILWAY STATION MULTIMODAL HUB

12 Acres of TOD mixed-use project including Railway Station terminal building redevelopment

5400
EMPLOYMENT

2,385
POPULATION

80% STREET LIGHT
SOLAR CANOPY with NET METERING

80% RECHARGE
RAIN WATER HARVESTING WASTE RECYCLING STATIONS

4000 SQFT.
DEDICATED STREET VENDING ZONES

2.22 LAKH SQFT.
PEDESTRIAN TRANSIT PLAZA + CULTURAL HUB

1800 ECS
SHARED REALTIME PARKING + TRACKING

5000 SQFT.
NIGHT SHELTER

530
DWELLING UNITS

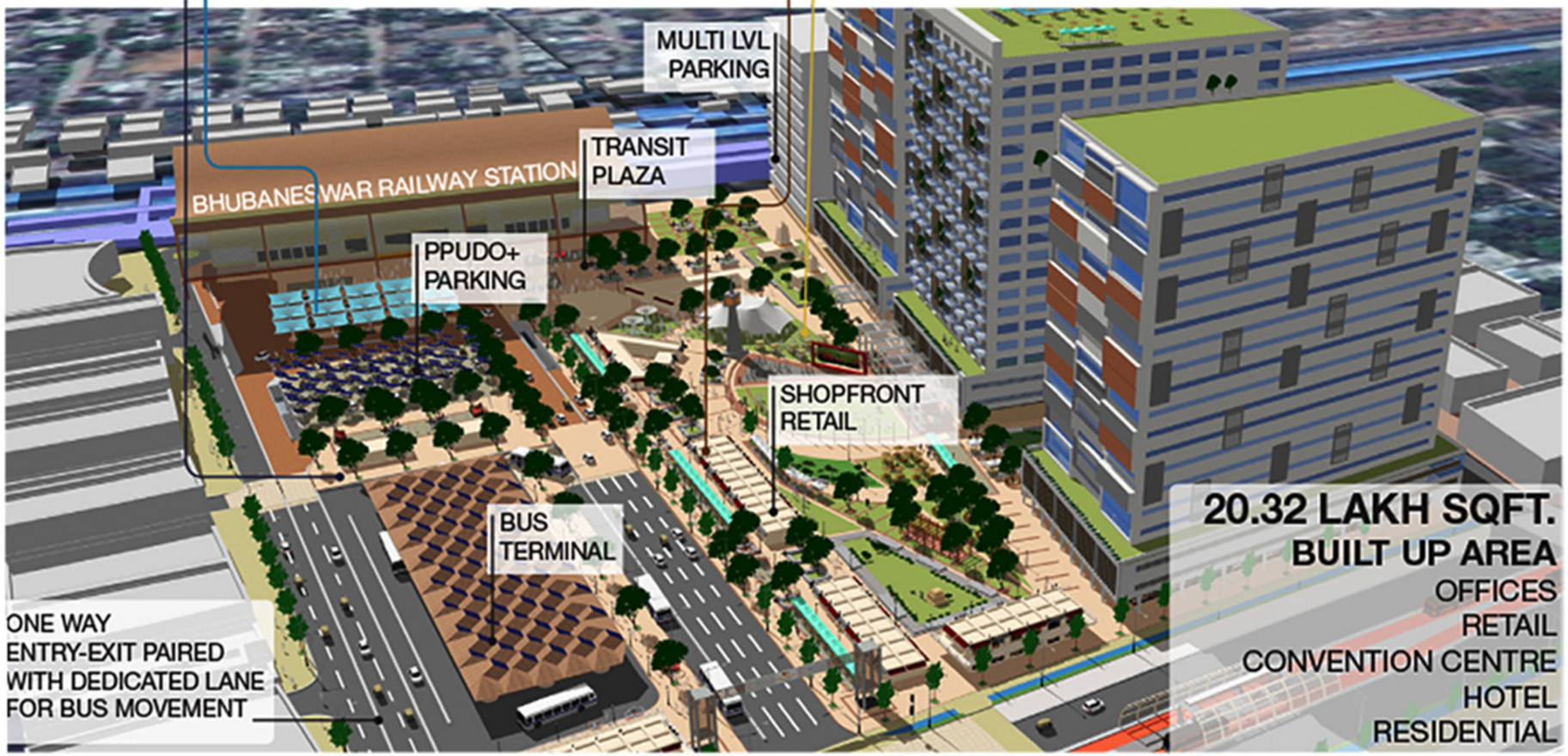
1.1 Lakh Sq.ft
OFFICE SPACE

1,750 ECS
PARKING SPACE

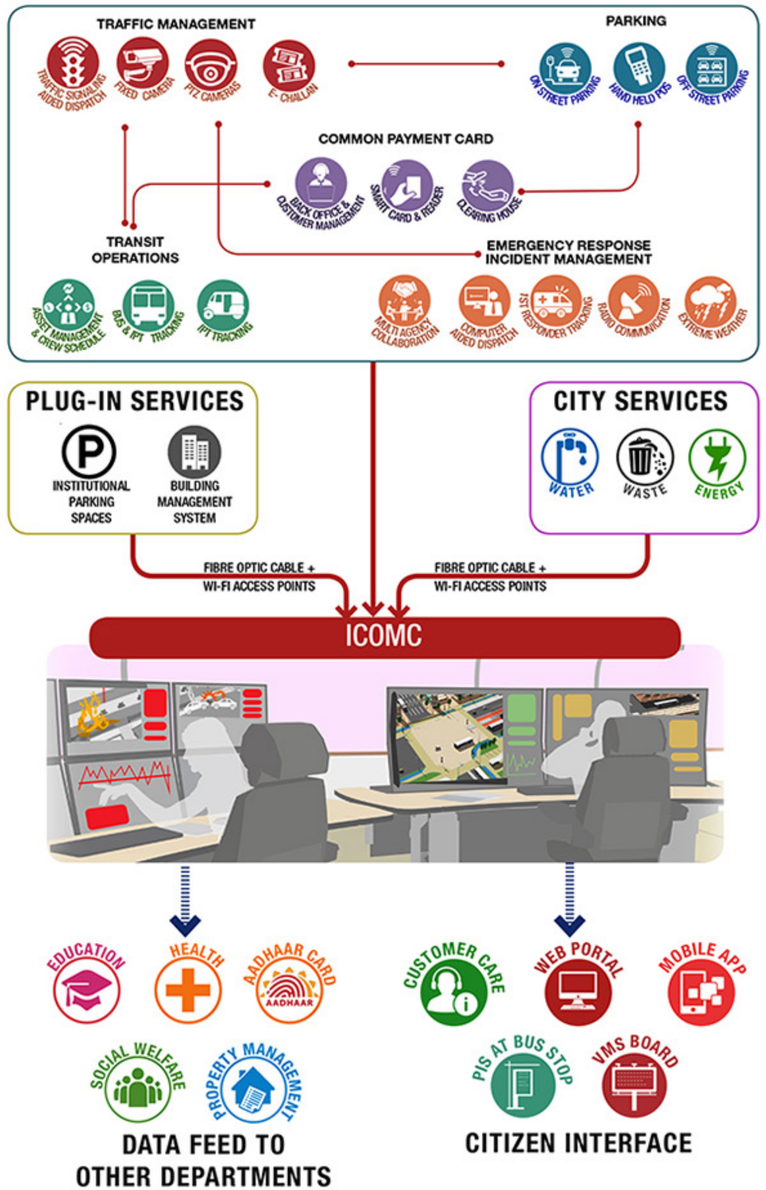
7 Lakh Sq.ft
RETAIL SPACE

HOTEL

4.2 Lakh Sq.ft
HOTEL+CONVENTION



PAN CITY PROPOSAL- ICOMC ARCHITECTURE



Intelligent City Operations and Management Centre (ICOMC)

Bhubaneswar's state-of-the-art Intelligent City Operations and Management Centre (ICOMC) is at the core of its pan-city proposal. This centre will provide digital platform for integrating multiple city sub-systems.

INTELLIGENT TRAFFIC MANAGEMENT:

- **70** Signalised Intersection
- **5** Surveillance Cameras per Junction
- **154** VMS @ 3 per Km
- **26** Intersections with Area Based Traffic Control facilities
- **40** Intersections with Environmental Sensors
- e- Challan

TRANSIT OPERATIONS:

- **400** Km PT Network
- **185** BPTSL Buses
- **1,200** PIS (400 On-board and 800 at bus shelters)
- **100%** Fleet tracking Depot and asset management; crew and bus scheduling for Bhubaneswar Puri Transport Services Limited (BPTSL) buses

PARKING MANAGEMENT:

- **5,500** Equivalent Car Space (ECS) On-street Parking
- **3,000** Equivalent Car Space (ECS) in 5 MLP
- Payment through Common Payment Card
- Parking availability on common on Common Platform & Mobile App

EMERGENCY RESPONSE AND INCIDENCE MANAGEMENT:

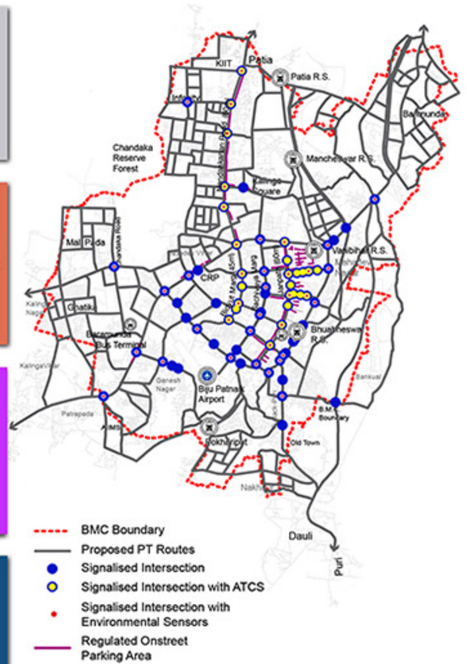
- **1,200** Surveillance cameras for incidence detection
- **10** weather morning stations for real-time data collection
- Emergency response intake through call, mobile app or panic button, Computer Aided Dispatch (CAD) and first responder coordination

COMMON PAYMENTS CARDS:

- **10** Card issuance and Know Your Customer (KYC) Centers
- Hand-held Point of Sale (POS) for issuance of tickets
- National Payments Corporation of India (NPCI) as central clearing house
- Back Office and customer management systems

COMMAND CONTROL CENTRE:

- Core utility operations integration and operation centre for SWM, Energy and Water Supply
- **60'X10'** Video wall for overall monitoring with 24' X 6' smaller video walls for each module



24x7 Service Delivery

Evidence based decision making and responsive operational control for **real-time incident management** ; Inter-agency and **inter-sectoral collaboration; Service delivery improvements**

ICOMC will result in **safe mobility, responsive city operations** and management along with **optimisation of capital expenditures** by providing **real time data support.**

Customer Management Systems: Call Centre | Citizen Portal | Mobile App

Customer Care · Web Portal · Mobile App

BHUBANESWAR CITIZEN'S CONNECT INITIATIVE

With a goal to ensure meaningful and diverse participation in the Smart City Proposal preparation process, Bhubaneswar launched a multi-pronged initiative- **Citizen's Connect Initiative**- to obtain input from its citizens.

32% CITIZEN'S PARTICIPATED

Likes: **86,851**
Reach: **3.4cr**
Engagement: **11lakh**

OFFLINE | ONLINE

19.7lakh: Votes
1.6lakh: Suggestions
3.1lakh: Participation

KEY AUDIENCE SEGMENT

- Elected Representatives
- Institutional Stakeholders
- City Staff
- Media Persons
- NGOs
- City Makers
- Transgenders
- Slum Dwellers
- Women
- Youth and Children
- Senior Citizens
- Specially-abled

ENGAGEMENT STRATEGY *(Adapted IAP2's Public Participation Spectrum)*

INFORM

Provide citizens and stakeholders with objective information.

TOOLS

Print Media
Advertisements | Street Hoardings

Electronic Media
SMSs | Mass Mailer | Radio Talks | Advertisements | Facebook | Website

Launch Program- CITIZEN'S CONNECT

CONSULT

Obtain feedback from citizens on main challenges faced and discuss proposed solutions.

TOOLS

Conferences
Seminars | Techno Fair | Stakeholder Meetings

Whatsapp Groups
Focused Groups | Experts Inputs

INVOLVE

Conduct participatory planning exercises to co-create solutions.

TOOLS

Contest
Vision Statement | Logo Design | Photography

Discussions
Discussion Forums | Idea Box | Community Mapping

COLLABORATE

Partner with individuals, formal and informal groups to generate ownership in implementation.

TOOLS

Smart City Labs
Institutions | Colleges | Schools | Public Organizations | Community Labs- Slums

Champions
Volunteer program | Mayor's Badge | Smart Labs Execution Team (SET) | Smart Labs Organizing Team (SOT) Smart Toolkit

EMPOWER

To place final decision making in public hands through ballots and citizen juries.

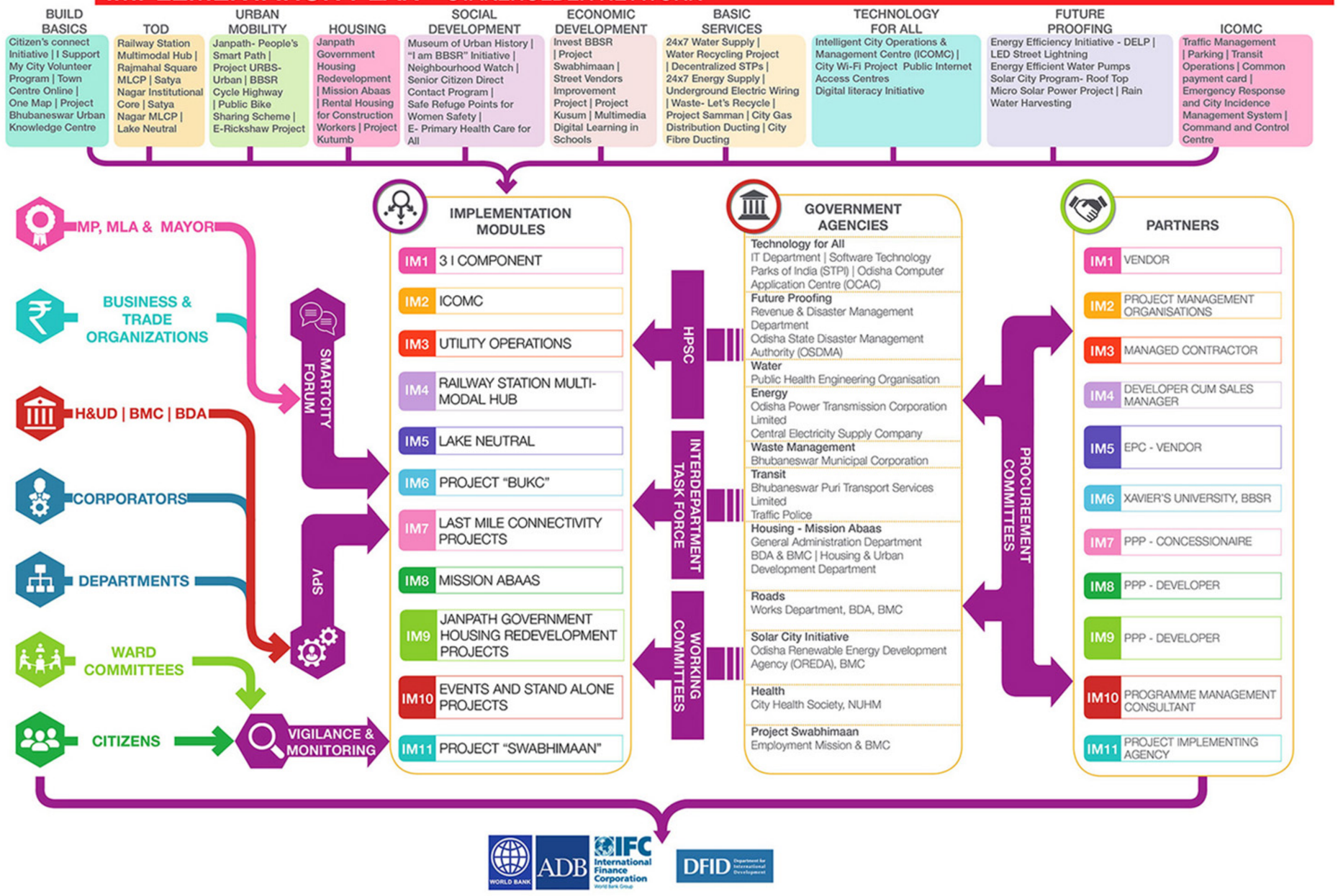
TOOLS

Democracy at work
Ward Sabhas | Corporation Approvals

Polling
Citywide Solution | Area-based Development | Best Practices for Transport and Waste

Progress Through Partnership
Technology Partners | College & Universities | NGOs | Technical partners

IMPLEMENTATION PLAN - STAKEHOLDER NETWORK

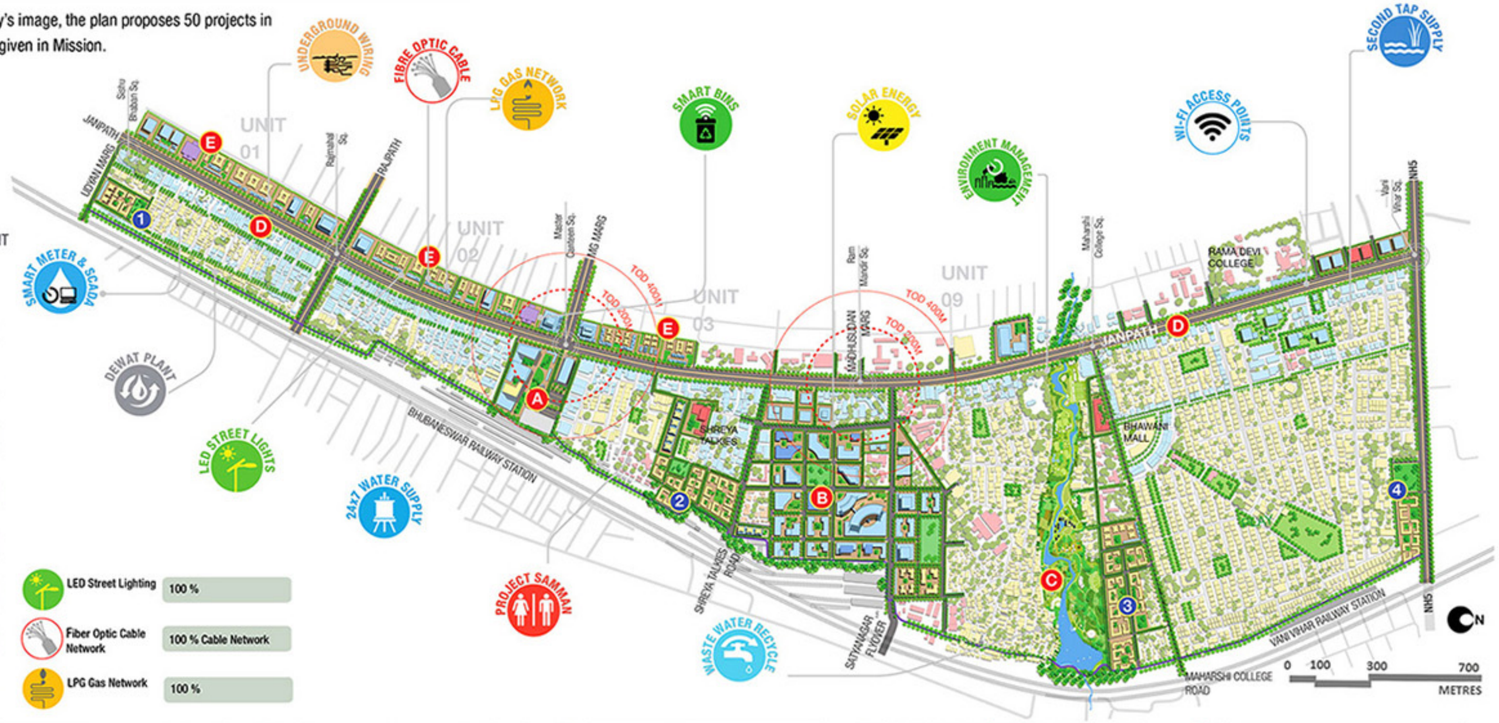


MAPPING ESSENTIAL FEATURES FOR BTCD

As a signature intervention reflecting the city's image, the plan proposes 50 projects in total to achieve all the essential features as given in Mission.

KEY PROJECTS

- A RAILWAY STATION MULTIMODAL HUB
- B SATYANAGAR INSTITUTIONAL CORE
- C LAKE NEUTRAL
- D JANPATH – PEOPLE'S SMART PATH
- E JANPATH GOVT. HOUSING REDEVELOPMENT PROJECT

BASIC SERVICES

Smart Electric Meter & SCADA	24956 (100% HHs)
Solar Energy Generation	12.1 MW
Smart Bins for Collection Efficiency	200
Smart Water Meter & SCADA	24956 (100% HHs)
Clear Water from Waste Water	9.3 MLD Clear Water
Retention Pond for Second Tap Supply	180 MLD
Decentralized Sewage Treatment	10.5 MLD
Project Samman	5000 Beneficiaries/day
LED Street Lighting	100 %
Fiber Optic Cable Network	100 % Cable Network
LPG Gas Network	100 %