



# SMART CITY - PATNA



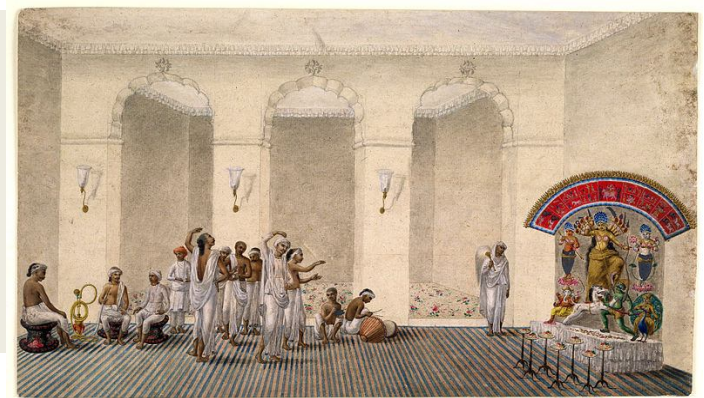


# Patliputra to SMART PATNA

*Glorious Heritage past to smart future*



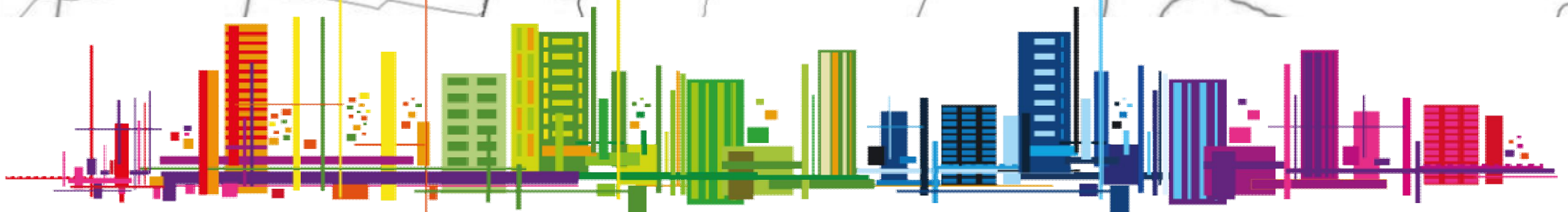
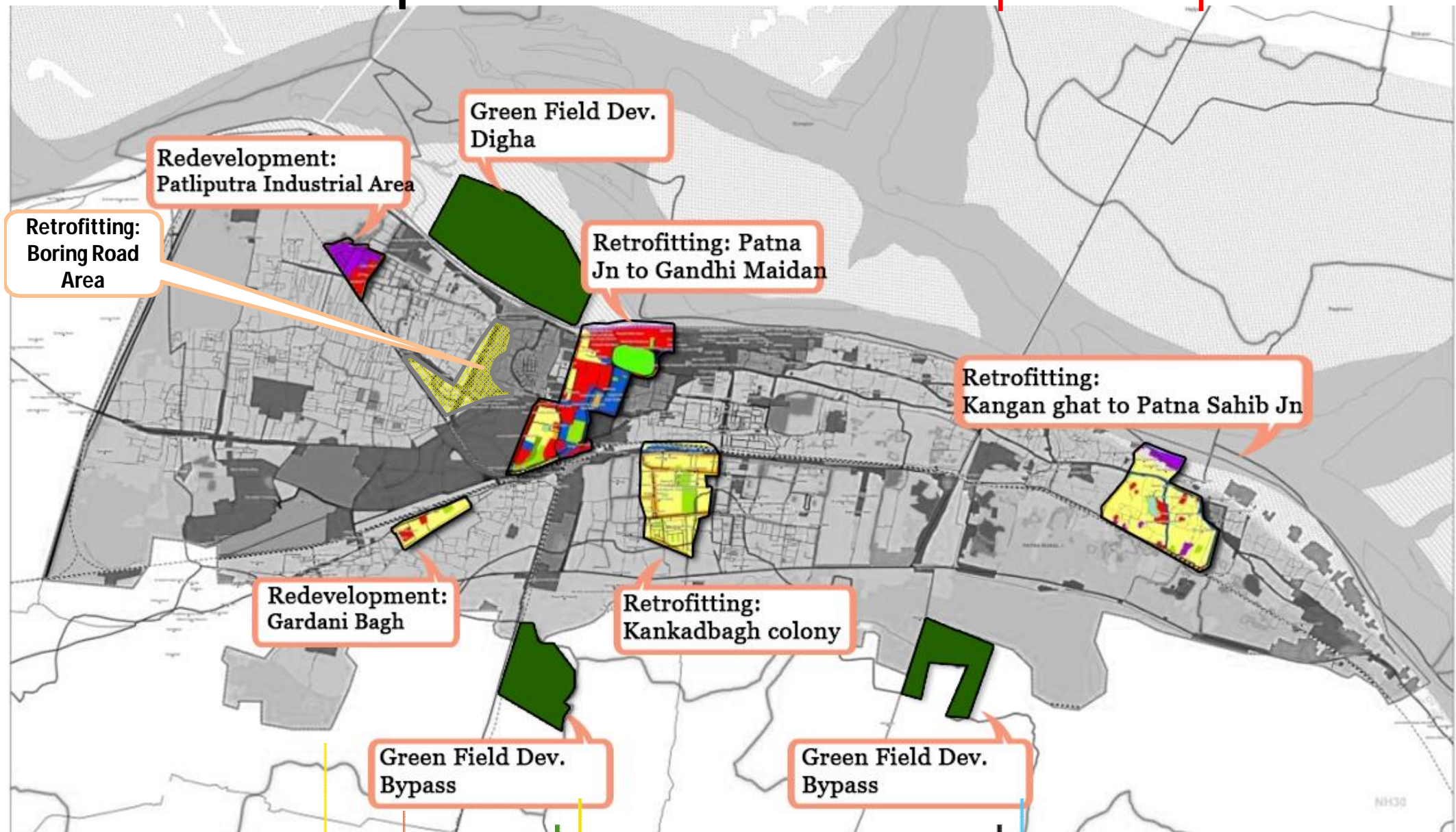
- Continuously thriving city for last 2500 years
  - Intangible heritage resources
  - Multi –Religious pilgrimage center
  - Emerging town of East India.
  - Educational & Healthcare hub.







# Area Based Development --- 6 Possible Development Options

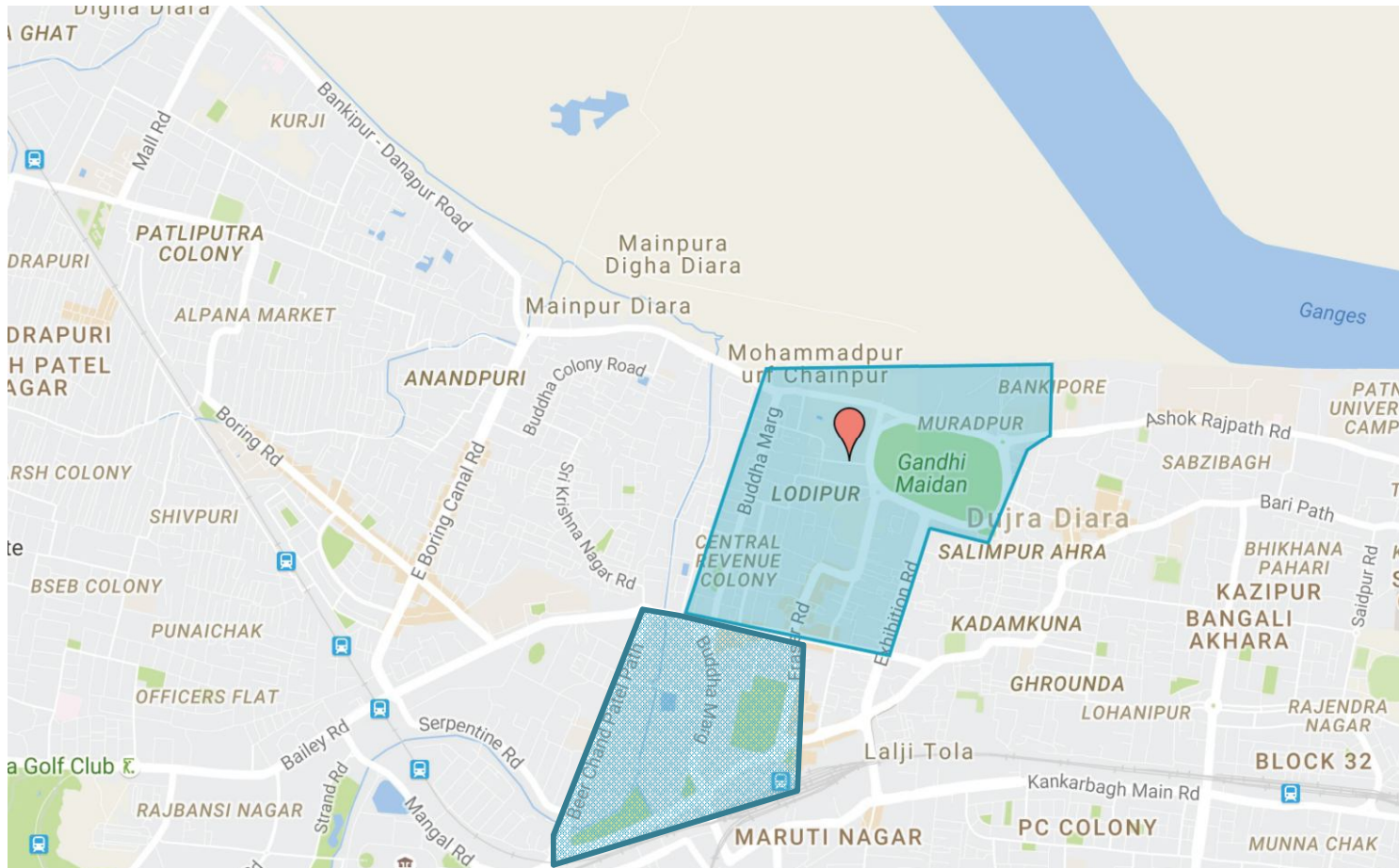




**AREA – 820 ACRES**

**Heritage structures –**  
Golghar, Gandhi maidan,  
Sinha Library

**Public buildings –** Ry  
Station, SK memorial hall,  
International convention  
center, Shrikrishna  
science center etc.  
**Govt. & Pvt. offices**  
**commercial zone**







### AREA – 565 ACRES

- Healthcare facilities
- Large residential area of mixed income housing
- Patliputra Sports complex
- Pvt. offices
- Commercial zone.
- Neighborhood parks and green belts
- Close Proximity to Railway station, Inter state bus terminus, NH30 city bypass



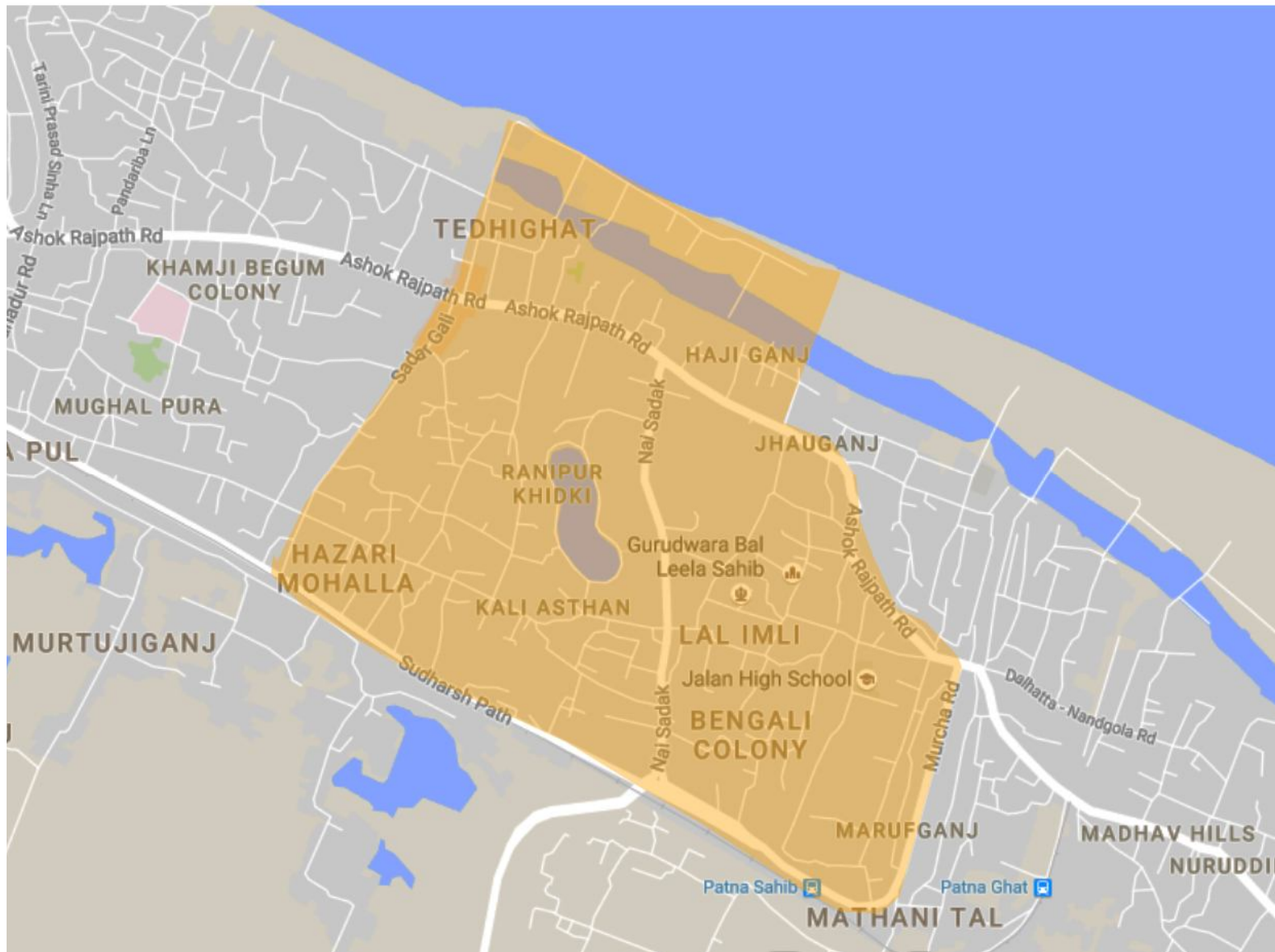
# Area Based Development --- Retrofitting

Patna Sahib Jn to Kangan Ghat: Patna city

**AREA – 570 ACRES**

**Heritage structures –**  
Patna Sahib Gurudwara,  
Mangal Talab, Purani  
Haveli

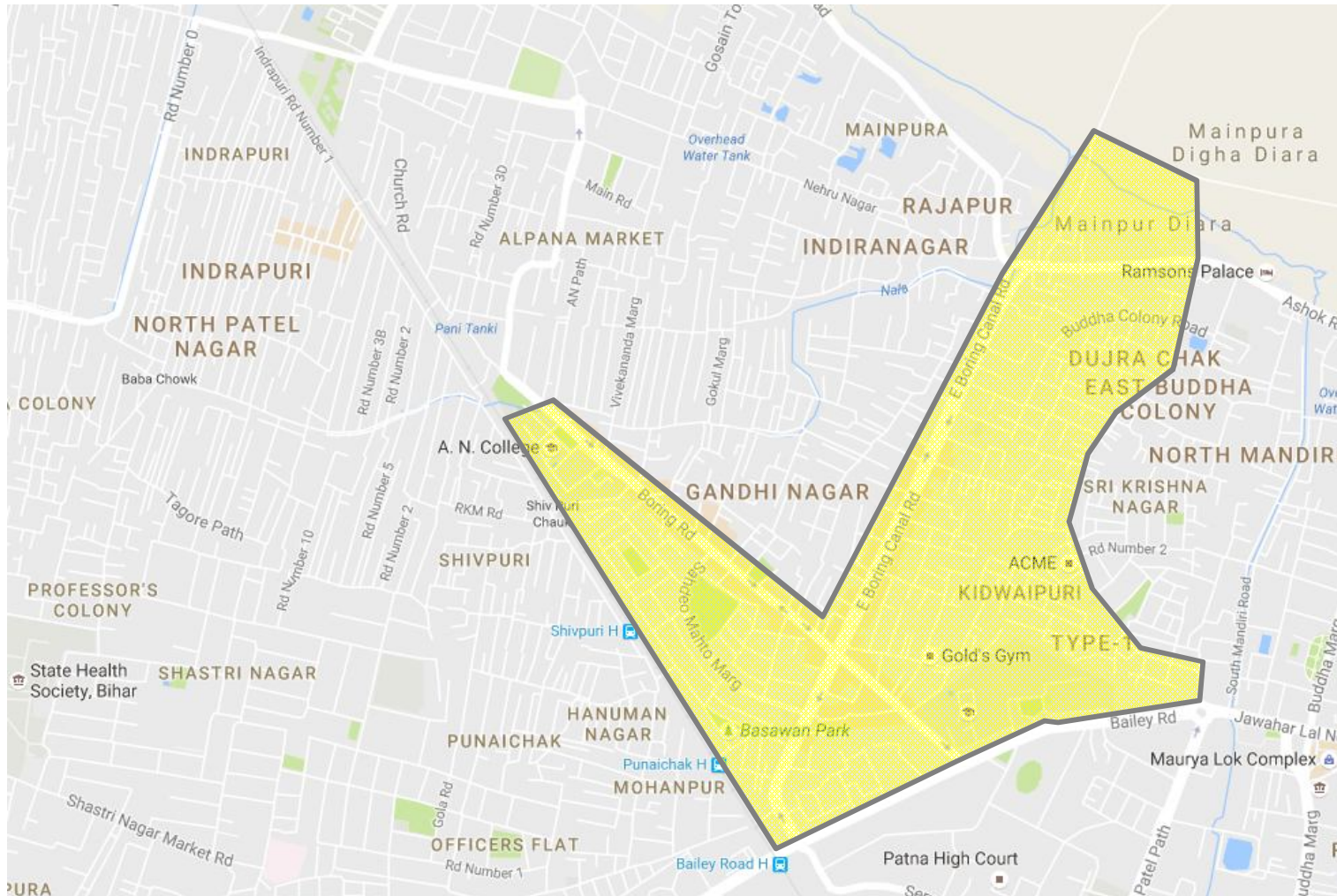
**Public buildings –**  
Patna Sahib Ry. Station,  
Govt. & Pvt. offices  
commercial zone





# Area Based Development --- Retrofitting

Boring road to Mainpura Diara



AREA – 630 ACRES

Public Parks

Public buildings

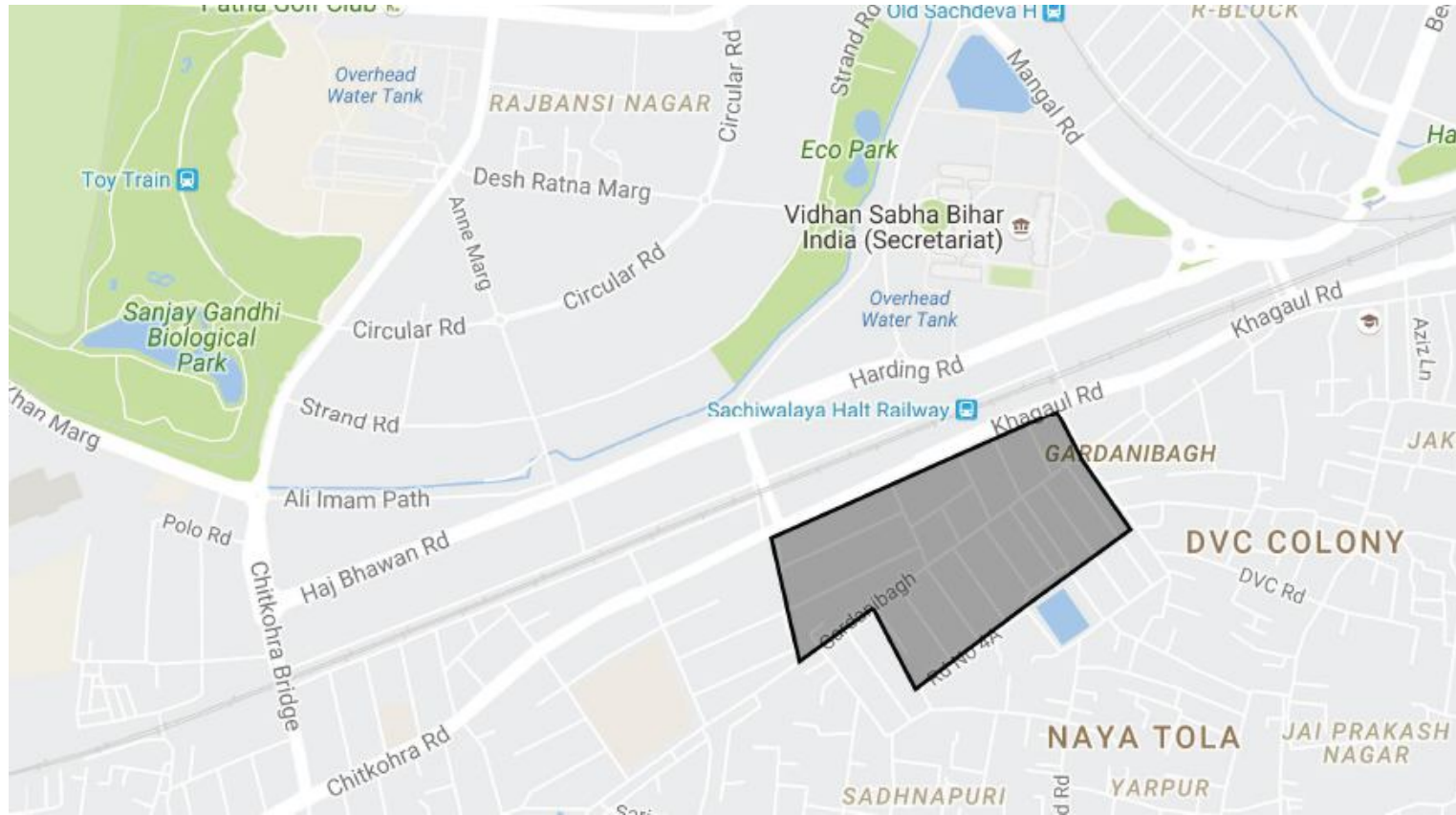
Govt. & Pvt. Offices

commercial zone

Riverfront of Mainpura





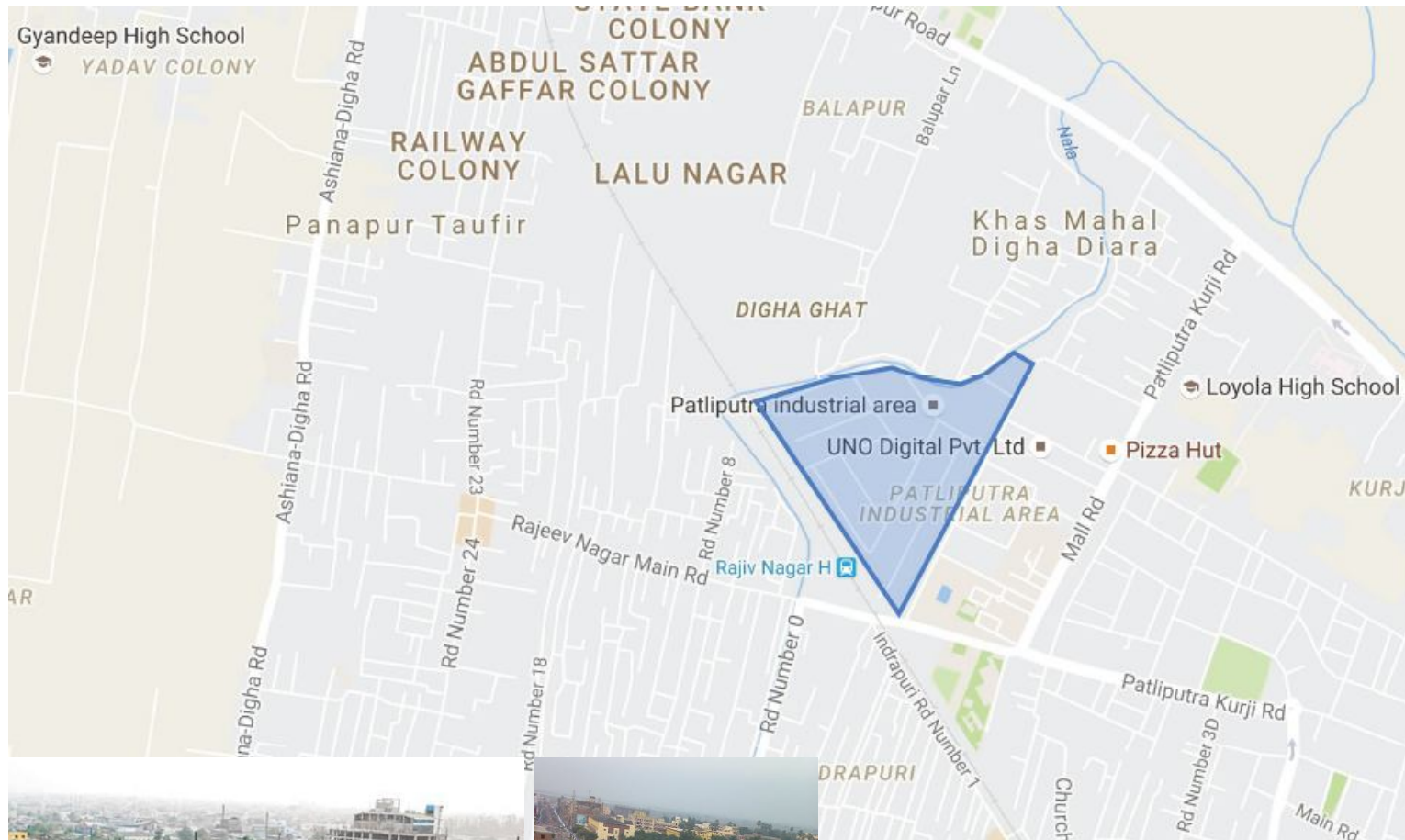


### AREA – 64 ACRES

- low density govt. housing area.
- Located in heart of Patna municipal area.
- In proximity to Patna Airport, NH30 Bypass, Railway station and CBD area.
- Availability of basic infrastructure facilities.
- Govt. owned land.
- In close proximity to state govt. offices.
- Lot of green areas.







### AREA – 53.4 ACRES

- low density and mostly defunct industrial area.
- Located in heart of Patna municipal area.
- In proximity to Patna Airport, Railway station and CBD area.
- Availability of basic infrastructure facilities.
- Industries Dept., Govt. leased land.
- A lot of industries converted to commercial and public use.





### NEW AREA – 250 ACRES

- Barren land on banks of Ganges river or agriculture land on city outskirts within master plan boundary.
- Located within Patna master plan area
- In proximity to Patna Main city.
- Land Parcel free of any encroachments to be decided.
- A lot of development can start in New Area.
- Connected through proposed roads in Master Plan.





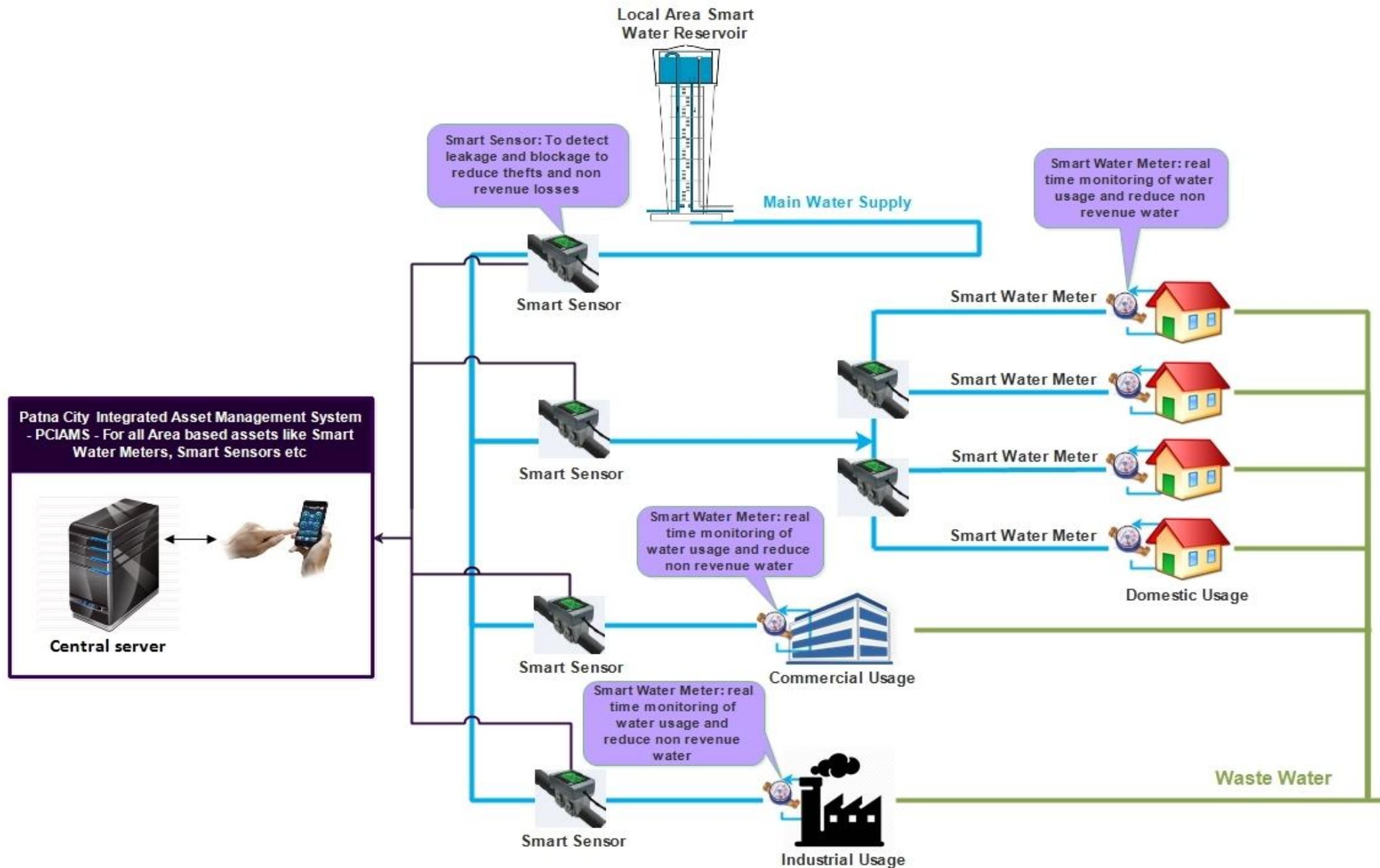
# PAN CITY SOLUTIONS

- Water Supply Management
- Storm Water Management
- Transport and Traffic Management
- Municipality Governance Management
- Solid Waste Management
- Power Outage Management



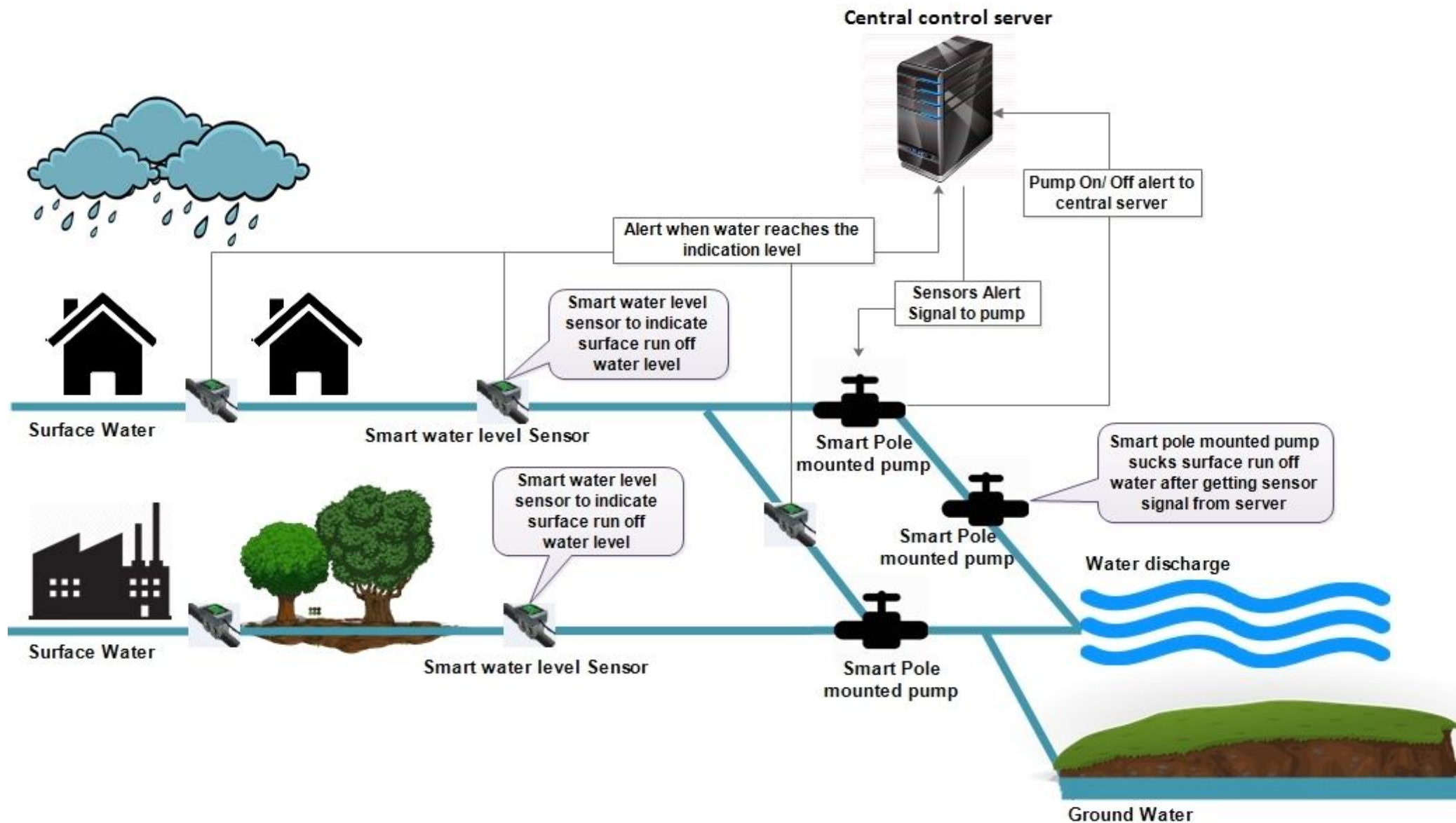


# WATER SUPPLY MANAGEMENT





# STORM WATER MANAGEMENT

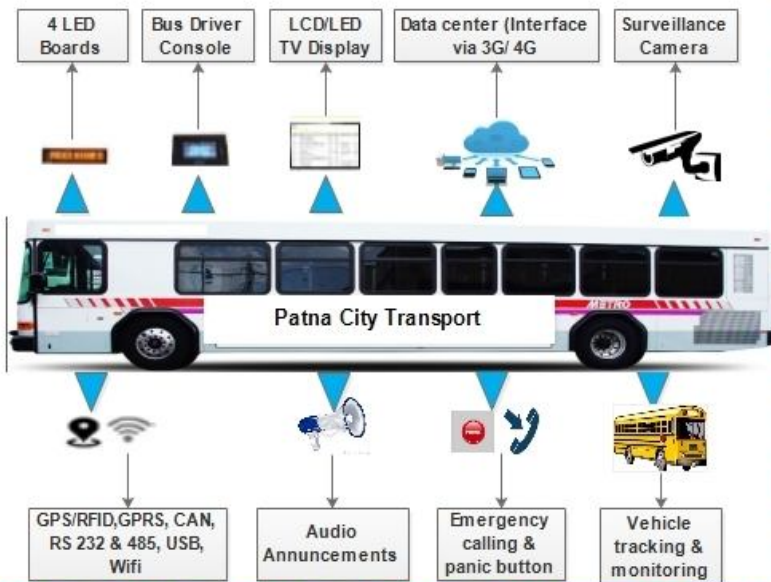




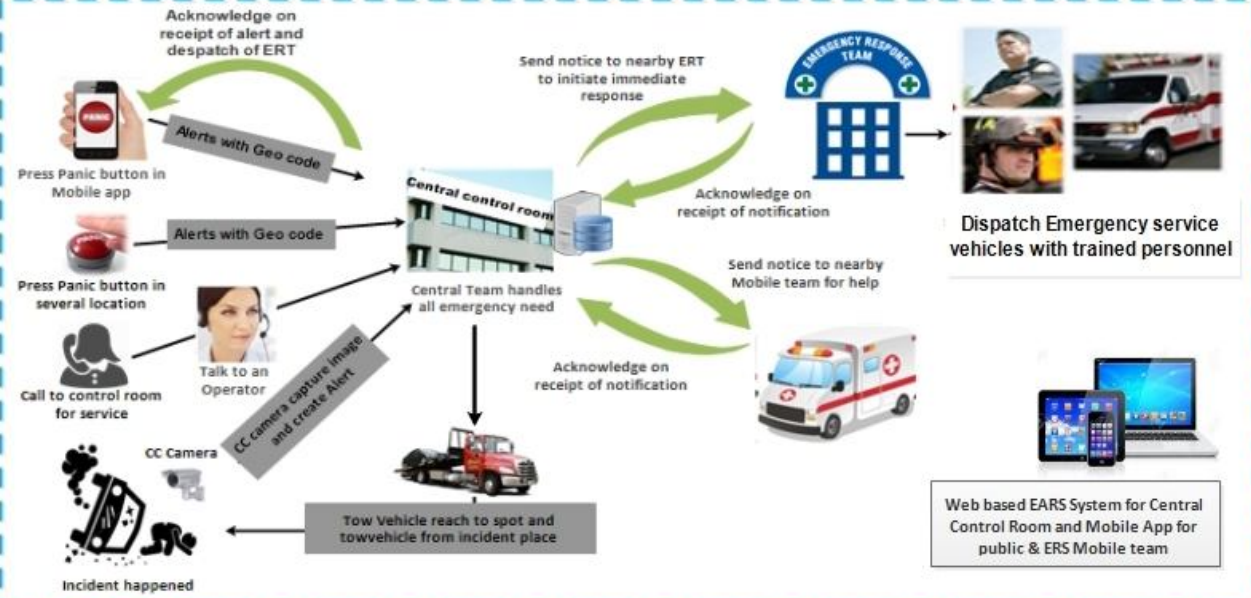
# TRANSPORT & TRAFFIC MANAGEMENT

## Pan City Smart Mobility Solution for Patna City

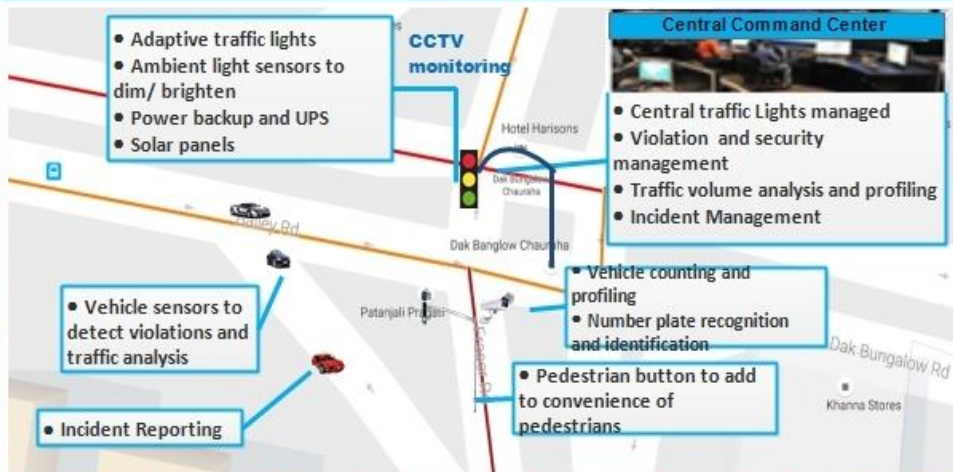
### Solution Components of Smart Mobility for Patna City



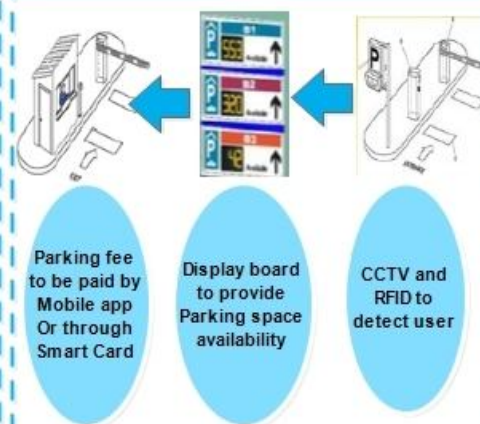
### Emergency Alert & Response Management System for Patna city



### Smart Traffic Light Management with Real time Data analysis, and Adaptive signaling for Patna City



### Parking Management

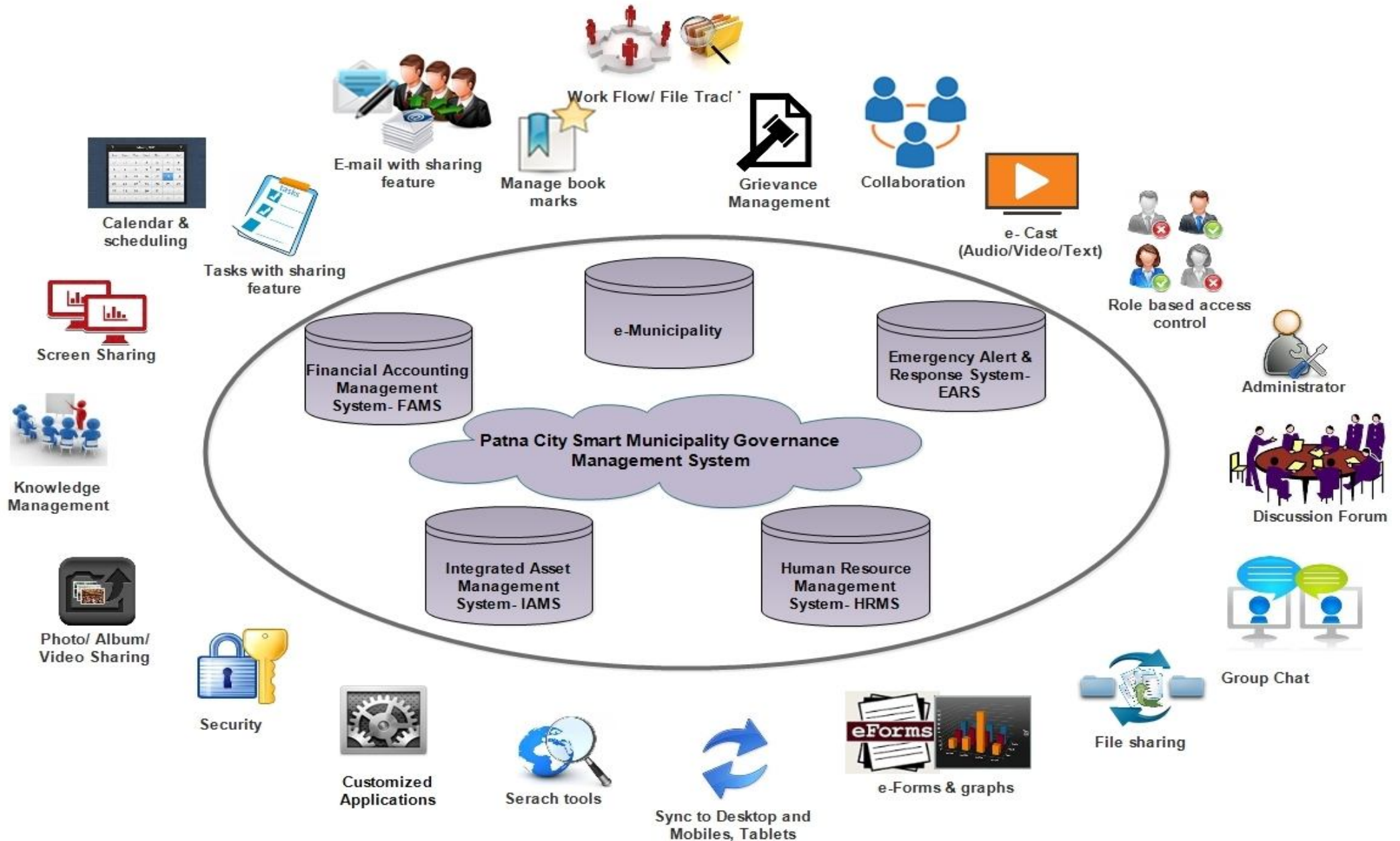


### Integrated Solutions of Smart Mobility for Patna





# MUNICIPALITY GOVERNANCE MANAGEMENT



**Patna Cloud based Governance Management System**

# SOLID WASTE MANAGEMENT

