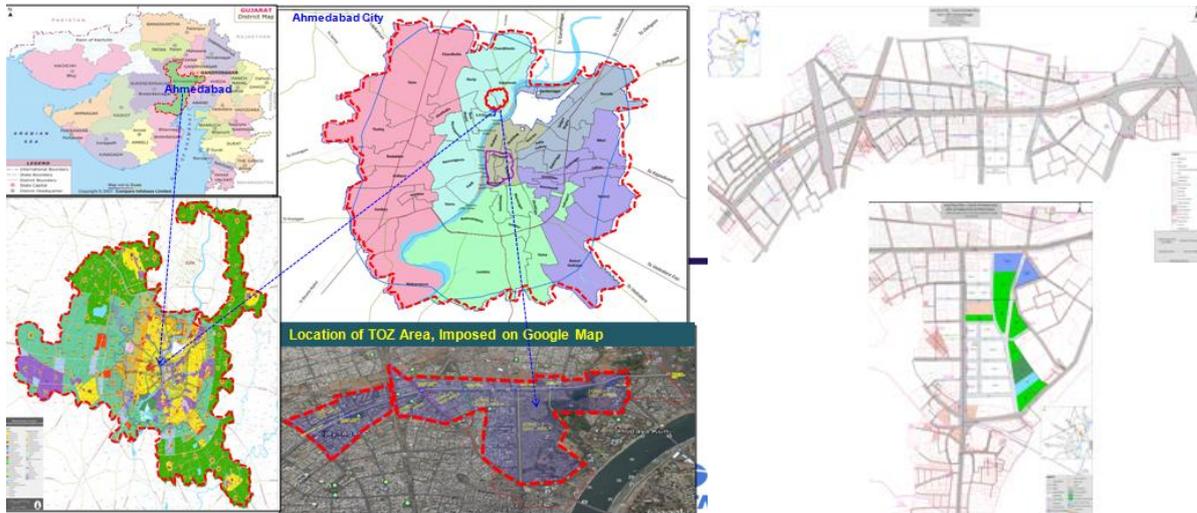


Blogs ABD development:

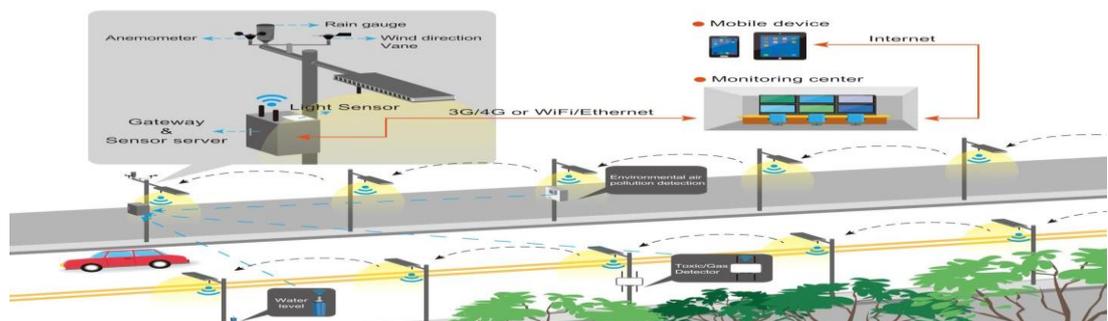
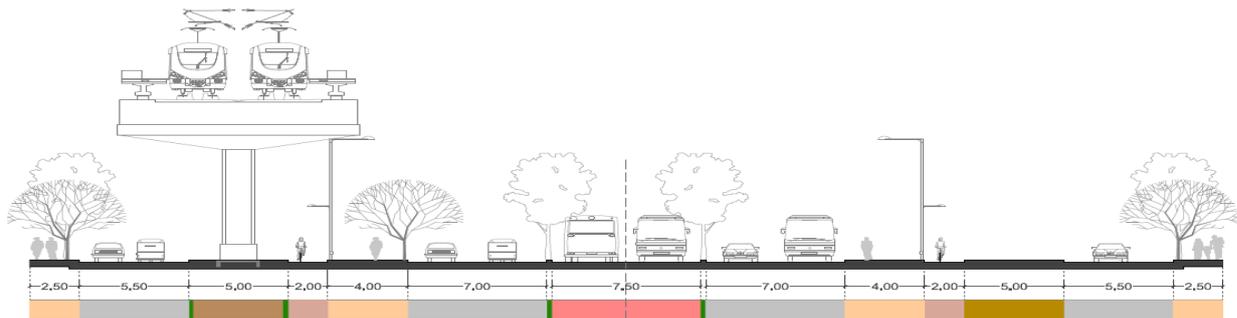
Project 1. Retrofitting of Utility Services of TOZ area – Ahmedabad city

Ahmedabad smart city proposal includes several Pan City and Area Based Development initiatives with a focus on both infrastructure and ICT advancements in the city and at strategic locations. Area based development initiatives proposed and being implemented by



Ahmedabad city have been identified with objective to develop Transit oriented zone in wadaj area, i.e. 200 m on either side of BRTS corridor, to cater the FSI increment from 1.8 to 4 and to increase the public realm in the area.

To fulfill the objectives, retrofitting of physical infrastructure such as 24x7 water supply(smart water), sewerage system, storm drainage, rain water harvesting, street and area lighting, solid waste management, road network including footpath and street designs, green areas and open spaces are proposed by the city.





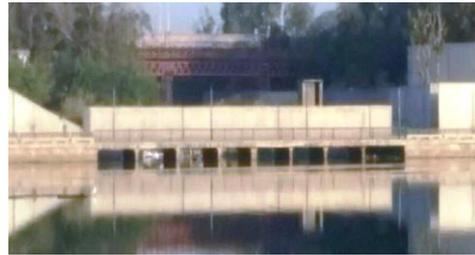
Additionally, retrofitting shall occur in Central Business District (CBD) area along Ashram Road, i.e., 127 hectare of area between Usmanpura and Town Hall on both sides of Ashram Road to increase FSI from 1.8 to 5.4, increase the street network and public ROW from 22% to about 45% and increase the green cover from 20% to 40% of the total area, and will create pedestrian friendly environment by requiring buildings to align their façades along the roadside and requiring 6m wide arcade and active frontage for pedestrians.



TOZ area development is envisaging investment of appx. 675 cr. to promote compact, transit oriented development within walking distances of public transit routes such as BRTS and metro. Identified TOZ development will be replicated into the city area to create strategic blue print of the city, by creating a defined and compact form replete with the smart features along with sustainable development.

Project 2. 60 MLD STP AT JALVIHAR

Sabarmati River is one of the major west flowing rivers in India. It has many tributaries and streams joining in both sides and contributing towards the flow. Chandrabhaga nala is one of the streams joining the Sabarmati River on right side



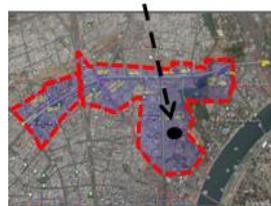
at Ahmedabad near Dhandi Bridge. Due to the high population density along the banks of Chandrabhaga nala and as there is no proper solid and liquid waste management system, the waste water from the low lying area in the stretch is getting mixed with the water of the nala near village old Vadaj, located at 1.862 Km from confluence point of Sabarmati river along the course of nala. The merging of waste water with nala, pollutes the stream water. This contaminated water in turn joins Sabarmati river in the present day scenario.

Sabarmati river has a well developed waterfront along the banks which has restored the city's relationship with its river. The project is two-level promenade situated on both sides of the river where the lower level serves only pedestrians and cyclists while the upper level is capable of hosting numerous cultural and educational events, leisure activities, large public parks and plazas and a few areas for commercial and retail development. In short, the riverfront has improved river environment, social infrastructure and caused sustainable development.

It is necessary to prevent any kind of pollution into the river so as to maintain the glory of well developed riverfront and control the pollution into the Sabarmati river. Hence, the nala wastewater is tapped at Jalvihar location and STP is under construction to treat the wastewater and finally discharge the treated wastewater to Sabarmati River.

Location of Proposed STP

STP implementation stage



Before Planning of STP



Sewage treatment plant and pumping station located at

Jalvihar Area to treat the sewage of the surrounding area as well as new development of TOZ at increased FSI of 4.0. The capacity of STP is 60 MLD(Average dry weather flow) and the investment envisaged is appx. 65 cr. The investment is planned through convergence with Central level AMRUT scheme.