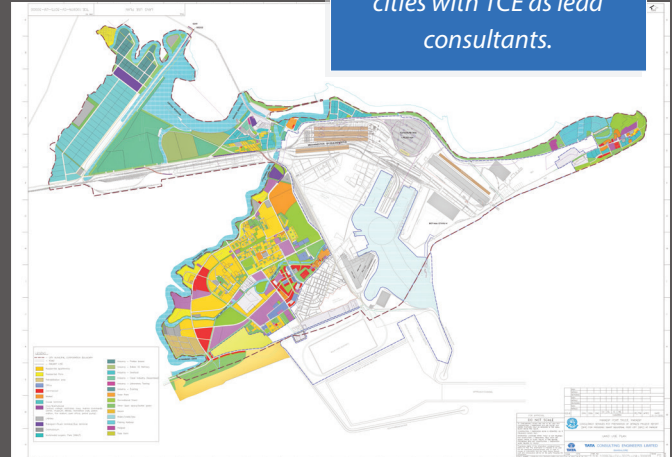


Lead consultants for India's first smart port cities

First of the three smart port city is Paradip smart port city. This project is being developed for the Port Authority of India with TCE as lead consultants. The concept of a smart port city is based on the idea of developing a smart city around port-related activities. TCE conducted market demand assessment and proposed a product mix that includes logistics park, fishery and furniture industries, residential and educational institutions. These recommendations are along the lines of Government's Smart Infrastructure guidelines covering solid waste management, water, power and transport planning, disaster management (considering Paradip is a cyclone prone area), safety and ICT networks. TCE has completed master planning, DPR (Detailed Project Report) and financial feasibility evaluation. The infrastructure process has commenced as per plan and marketing campaigns to attract both domestic and foreign investors into the port city is underway.

The second smart port city of Kandla Port in Gujarat in the Western part of the country is also being developed. The third smart port city is being planned by TCE for Cochin. In all, the total area under development ranges from 800 acres to 6500 acres for India's first three smart cities with TCE as lead consultants.

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Greenfield smart cities

The past success of several smart industrial cities where TCE were consultants along the Delhi Mumbai Industrial Corridor (DMIC) are DC Ujjain, Dadri, Dholera and Bengal Aerotropolis. DMICDC cities are benchmarked for international best practices in terms of infrastructure provisions.

Smart cities are proposed as a self sustaining cityscapes with economic, environmental and social sustainability. The second round of smart cities are underway where TCE serves as lead consultants while several proposals for smart cities are being considered for development.

The Guwahati smart city project involves the rejuvenation of five water bodies in Guwahati which includes the Brahmaputra River and its tributaries. The project focusses on river-front development and potential commercial and residential development. TCE is involved in concept to commissioning planning complete with ICT networks, command centers for city service management, disaster management, safety and security networks.

In Bhopal, 350 acres of largely government-owned land has been sanctioned for development as a smart city under the Special Purpose Vehicle model. TCE as lead consultant has proposed a city plan centered on an iconic structure and establishing blue network – connecting existing drains and ponds with a view to retain and replenish existing water sources.

