

# Smart city



Smart infrastructure, smart utility, smart technology and smart communication are the building blocks of tomorrow. The future is smart and the future is here. Because its 2019 and you are witnessing a future ready sustainable and smart city. Work culture meets convenience when ease of doing business as a way of life and where Industries can set up an florist in a short time span a melting point of history and culture. This is a city with grand open spaces, cleaner, smart governance and the perfect environment to raise a family.



Welcome to India's first greenfield smart industrial city Dholera. A city have a technological front amongst global smart city is designed to be ISO 37120 compliance. Close to Dholera is the Historical site of local. Dholera extance the division of which ancient city of local. To one of the most advanced cities of the 21st century. Situated in the progress of Indian state of

Gujarat. Dholera is located with extensive external connectivity airport, sea, road and rail. Add 920 square kilometres Dholera's footprint is larger than Singapore. Dholera will be development phases over 30 years starting with an area of 22.5 square kilometres. A city so perfect that people will wonder how it was planned and executed. The answer to that question started taking shape in 2011. After years of detailed and home district planning Dholera is said to be operational by 2019. Dholera is extensive and detail implementation

strategy takes into account separate trunk infrastructure project including portable water, sewage, industrial wastewater, storm water, power and Information and Communication Technology and rules. Special zone 7 allocated for residential living in the Australia areas :a high Access corridor with expressway access, recreation and sports, tourism and resorts, economically weaker section housing, open and green spaces, social amenities and physical infrastructure. Building the city from the ground up the vision has been to have a plug and play format. So all the land parcels are fully ICT enabled and completely build up infrastruttura is offered right of the block level. Bases truly a first of its kind offer in India. Abenity non polluting Industries can be accommodated with having engineering, auto and auto ancillaries, defence and mro benefiting the most because of the availability of large land parcels smart infrastructure unskilled labour. This forms the platform for industries to invest in operat in Dholera. Without having to worry about developing the surroundings. A detailed implementation strategy allocating land segments with their



uses includes the largest land parcel for Industrial development in the world. World class, smart and sustainable Infrastructure facilities set Dholera apart. Dholera's planning include save and well control roads w i t h multipurpose corridor, bicycle tracks, by

footpath, service rules and tree covers. Dholera road plan includes shaded pedestrian friendly walkways for comfort and safety to comes with monitoring by CCTV cameras. For the first time in India over trunk infrastructure like gas, ICT, power, potable water, recycle water, Storm water after installed on the ground. With the capability of drawing demands of the city. A dynamic intelligent traffic management system is plan to reduce emissions enable rebooting and auto detection of vibrations and impressive transport hub with multifunctional zones will host parking. Part of the Planning includes rooftop solar panels and add on beautiful such as mobile recharging, charging points for electrical geyser at public and private buildings and various other facilities. In this city gear two mods eco-friendly transportation even the busstand designed with electric vehicle charging point enabling smart public transportation. Water is the lifeline for any city to flourish and strong water source is essential for industries to try. Dholera's primary water sources is the Narmada river in Saurashtra branch Canal which ensures reliable and safe water 24/7 after treatment. Installation of sensors in scada technology is allowed minimising of masses and better usage management. Dholera has an inherent ability to manage and recycle waste. Water recycling throw a smart waste water system. Allows 100% recyclability of domestic and industrial wastewater after standard and its marks don't bother management system safe, harvest and storm water runoff. Which ensure sustainability and create the city waterbody to enhance quality of life. An integrated solid waste management facility is plan to handle all types of solid waste like municipal solid



waste, industrial solid waste and biomedical Waste and will include waste to energy generation facility. Using technology in this entire Framework will be automated making the process smarter and city cleaner. A smart City need to create and utilise smart power to shake this vision into reality. Dholera will implement smart metering and monitoring to minimise losses and ensure a reliable pass of life. Earning a smart tag Dholera will focus on various forms of renewable energy by utilising resources like solar and other sustainable malls. Dholera's design include people chat with spaces is along with smart infrastructure. Advanced social and intellectual interaction Dholera has dedicated spaces basic amenities including hospitals and power stations as many spaces for awareness activities suggest community hall and shopping centres along with neighborhood community and linear park within walkable distances. From neighborhood level farmers market to taxi and auto stand from dedicated zones for workers to emergency services with quick response time. With education infrastructures located for ease of access and function from early childhood education tomorrow then party from colleges to skill development centres. Trees to have been carefully selected to compliment the different seasons of Gujarat giving identity to different zones. The nerve centre that will control the city of Dholera is the administrative and business centre serving as a focal point in the city which complex will have a completely pedestrian oriented design with sustainable features complying with legal requirements ensuring energy saving to efficient design. The role of Information and Communication Technology is to build a smart, socially and technologically attractive sustainable world class city which will be one of the engines for the economic growth of the region. ICT infrastructure is expected to have to the city is sustainable development and economic growth and creative world class quality applied along with the platform for efficient operations and administration. Dholera FIR is expected to be a city that will use Information and Communication Technology as an underlying enabler in allspecif city and will integrate multiple discipline such as largest governance, health care, safety and security, education, transportation, industry growth, utility and economy with city dash bones enabling monitoring of all the city managers. Dholera a smart citylight no other offering never seen before ease of doing business with large plot size is plug and play infrastructure write environment warranty and excellent growth Potential.

Dholera a sustainable city living in. Offering easy access to open spaces, greenery and communities alongside is safe convenient and pollution free environment with easy access to public transport. Dholera a smart city, a smart investment.

