



### SMART CITIES IN INDIA

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#### Abstract

Smart city is today important aspect & most discuss topic in India. as we are moving towards new era, new generation, and new modern social world. There is need to think big for better tomorrow. Today many things can be achieve through technology for quality live & we see many possible major change in live by using smarter solution & innovation. One such big concept is smart cities. Generally this gives a dream, motivates & helps us to look in future .sometimes dream gives us sense of purpose and drive us to bring into reality. Smart cities mean smart live & it is necessary to see it from positive side. Smart cities are great initiative started by govt. of India to boost country infrastructure & development. This is major step to see some change in country for betterment of peoples. Quality way of life or an easy way of life with smarter solution & moving ahead towards improvement path. The smart city concept is focused to achieve safe, secure, functionally efficient, economically viable and environmentally sustainable urban development equipped with sustained energy supplies, intelligent technologies, and networks to provide the needed impetus to fulminate economic growth, ensuring quality urban life and sustainable environment to people.

**key words:** smart cities, smart cities in India, Dholera city example

#### 1. INTRODUCTION:

Smart cities mission is great initiative started by govt. of India. In general Smart city is defined as city equipped with basic infrastructure to give a decent quality of life, a clean & sustainable environment through application of some smart solutions.

A large particular area which is to be developing in such a way that life become feasible & gives adequate facilities to the peoples. Which include assured water, electricity supply, roads, housing, metro rail, efficient urban mobility, public transport robust IT connectivity, E- governance & citizen participation safety & security of citizen & to implement various things giving all facilities to peoples.

Some smart solutions include public information, grievance redressal, electronic service delivery ,citizen engagement, waste to energy & fuel, waste to compost, 100 % treatment of waste water, smart meters & management , monitoring water quality, renewable source of energy, efficient energy and green building, smart parking ,intelligent traffic management system.

#### 2. Objective & methodology of the study:

The objective & overview analysis of this paper is to know smart city India in easy & convenient way. The

study of this paper is based on personal views, logical reasoning, newspaper articles, blogs, reports, websites etc.

#### 2.1 Objectives:

The objectives of smart cities in India include:

- 1) To develop the best infrastructure & adequate facilities.
- 2) To boost economic development of country.
- 3) To increase employment through smart cities.
- 4) To develop the country through the development of industrial & economic growth.
- 5) To attract the investors.
- 6) Health & education.
- 7) Affordable housing.
- 8) Demand for real commercial estate.
- 9) To upgrade GDP growth of country Etc.

#### 2.2 SMART CITIES IN INDIA:

Smart cities mission is dream project of govt. of India to develop world class infrastructure in country. It was launched in 2015 by PM Narendra Modi .The project comes under union ministry of urban development is responsible for implementing the mission in collaboration with the state government of the respective cities. The motto of govt. is to develop 100

smart cities & complete it by end of 2022, to change urban way of lives. Each state will have at least one smart city. As of June 2017, 90 cities have been selected. Total 98 thousand crore has been approved by Indian cabinet for development of 100 smart cities in India and rejuvenation of 500 cities others. 48 thousand crore for the smart cities mission and a total funding of 50 thousand crore for AMRUT (Atal mission for rejuvenation and urban transformation) has been approved by the cabinet.



Fig.1

### 2.3 DHOLERA CITY:

In today's time Dholera city is very good example to study practically what actually smart city is? Currently dholera city is in working stage .some phases works are still remain Dholera is a region which is to be developing as smart city hub. Out of 100, Dholera SIR has been conceptualized as the first smart city of India, a city located in the dynamic state of Gujarat; it is all set to define how modern India shall look like in times to come. This project is a very ambitious and dream project of both central government and Gujarat government. A lot of development has to happen in Dholera to make it as a Smart City. It is largest urbanization project in India.

### 2.4 The overview of dholera project includes:

Total area: 920 sq.km

Developable are: 567.39 sq.km

Has to complete in six phases & expect to complete by end of 2019-2020 which Will be turn out as model for other smart cities.

### 2.5 Some of the silent features of dholera include:

- Identified as the first smart city of India.
- To be developed 2 times the size of Delhi and Six times that of Shanghai.
- Rated by Forbes as one of its kind cities in India and one amongst Top 12 fastest growing cities in the world.
- Development plans undertaken jointly by Gujarat State Government and Central Government. Excellent connectivity through rail, road, express highway, metro and port which collectively links the city on both national and global front.
- The dholera is the perfect initiative to combat urbanization issues and a key investment option for all sorts of investors

- Availability of abundant land at lower valuation makes it a value proposition for retail and international investors. Actually it is first preference in India for multinational companies. Today it is prime location for real estate investment in India. There are lots of opportunities to invest in residential, commercial, industrial land in dholera.
- World class infrastructure & connectivity within & outside. Airport & seaport in the vicinity.



Fig.2

### 3. CONCLUSION:

As I said, its major step by govt. of India to boost country development. Before starting any projects there is always a big question mark & challenges to turn it in reality. Big projects big challenges. It's important to see it in positive way.

Farmers should get proper price for their acquired land. The project should complete in limited time. There is lack of fund in budget which is another big challenge. More important is there has to be transparent working team with proper town planning. "Big projects big challenges" There are many things to say. But From all overview it's better to wait for dream which will turn into reality and definitely great possibility of new India in coming days.

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