

***Japan to Cooperate
on “Smart City” Initiative
in Ahmedabad***

Embassy of Japan in India
May, 2017

Japan to Cooperate on “Smart City” Initiative in Ahmedabad

On January 5th, 2017, Ambassador Hiramatsu called on H.E. Mr. Venkaiah Naidu, Minister of Urban Development, and discussed Japan’s cooperation on “Smart City” initiatives - flagship initiatives for urban development by the Government of India. In the meeting, Ambassador Hiramatsu conveyed to H.E. Mr. Naidu that Japan has decided to cooperate on the “Smart City” initiative in the cities of Ahmedabad as well as Chennai and Varanasi.

http://www.in.emb-japan.go.jp/itpr_en/00_000215.html

<http://pib.nic.in/newsite/PrintRelease.aspx?relid=156166>

The following projects are examples of Japan-India cooperation to transform Ahmedabad into a smart city.

Ahmedabad Metro Project

Ahmedabad Metro Project will provide the 1st Metro Rail System network of approx. 38 kms. in Ahmedabad, from Motera Stadium to APMC (North-South Corridor), and Thaltej to Vastral Gaam (East-West Corridor). It will provide safe, timely and comfortable travel with high reliability of services to the citizens.



(Image of Rolling Stock: JICA)



(Photo: Construction of Viaduct, JICA)

Mumbai-Ahmedabad High Speed Rail Project

The two Prime Ministers welcomed the steady progress made in the Mumbai-Ahmedabad High Speed Rail (MAHSR) project [...] noted that the target schedule of the MAHSR Project [...] that the construction work will commence by the end of 2018, and that the operation will start in 2023. (Japan-India Joint Statement, November 11th, 2016)



(Image: JICA)

Joint Research Program

IIT Hyderabad, Nagoya Electric Works, and Nihon University, start the Smart Mobility project, aiming to reduce the amount of energy consumed and to conduct research and development towards the realization of low-carbon smart cities, based on analysis of traffic big-data collected by traffic-amount-sensing, real time traffic information deliveries, proper traffic light control, and so forth. The verification experiments will be conducted at a real transport Field of Test in Ahmedabad.

From April 2017 to March 2022

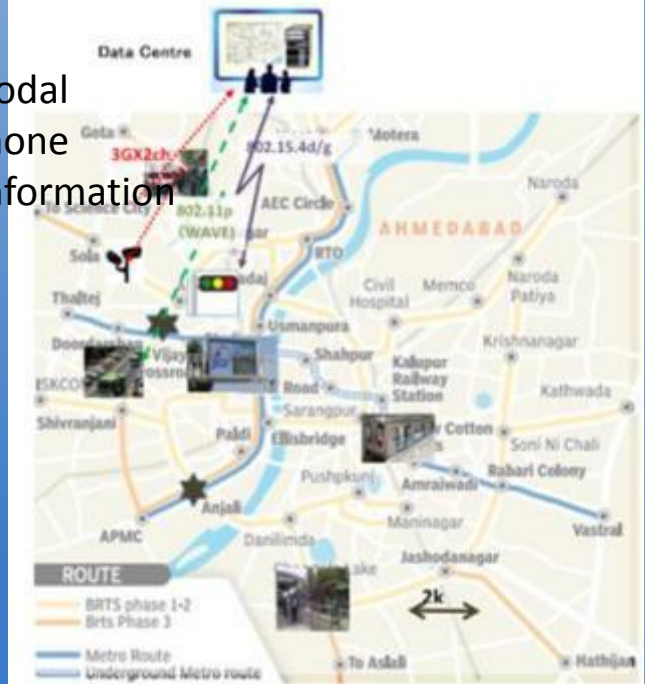
IoT for Traffic management

- Sensor network
- Big data Analysis
- Traffic management



FOT

- Multi Modal
- Smartphone
- Traffic Information (VMS)

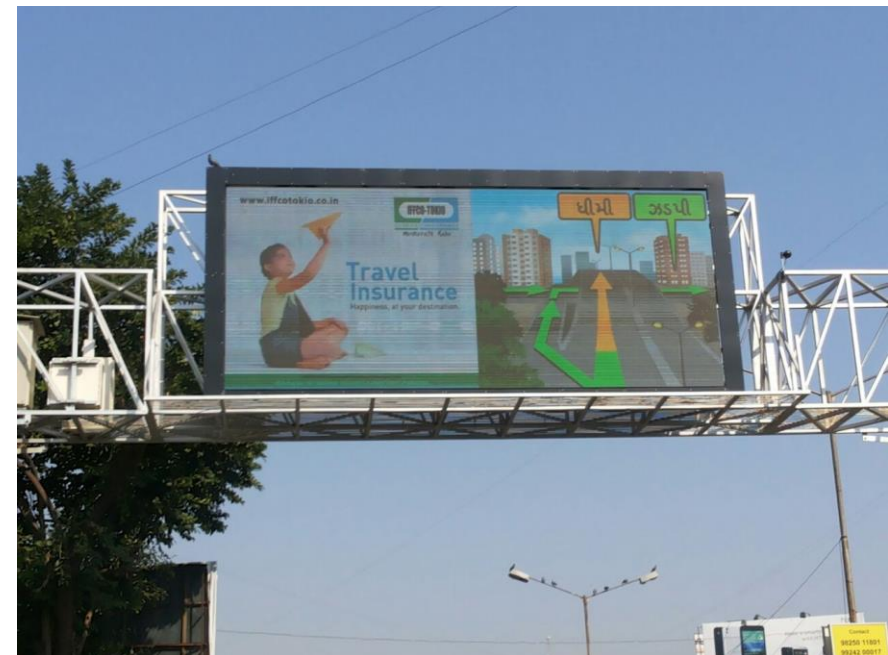


Test platform in IIT Hyderabad

Field Of Test (FOT) in Ahmedabad

Traffic Information Distribution System

Zero-Sum, Ltd. installed the traffic information distribution system in Ahmedabad in order to relieve the heavy road traffic congestion in Ahmedabad, by Intelligent Transport System (ITS), under JICA's private SME technology demonstration. It uses a unique business model which utilizes half of the information-display-board-screen space, for the display of commercial advertisements to offset the project maintenance costs. Thanks to the success of the project, Zero-Sum was appointed to replicate similar solutions across the River-front road in Ahmedabad.



(Photos: Zero-Sum, Ltd.)

MHI's RFID based ETC

The Electronic Toll Collection (ETC) system of Radio Frequency Identification (RFID) equipment, supplied by Mitsubishi Heavy Industries, Ltd. (MHI), was installed on the Ahmedabad Vadodara Expressway in 2013, easing the traffic congestion and preserving the environment.



(Photos: Mitsubishi Heavy Industries, Ltd.)

Dedicated Freight Corridor (DFC) Project

Under this project, freight rail lines will be constructed along the Delhi-Mumbai Industrial Corridor, approximately 1500 kilometers, connecting major cities in the states of Maharashtra (including Ahmedabad), Gujarat, Rajasthan and Haryana, as well as introducing electric locomotives capable of high-speed, high-capacity transportation.



(Image: JICA)

Mandal Industrial Park

The Japan External Trade Organization (JETRO) is promoting and supporting Japanese investment in the Mandal Industrial Park, which is one of the Japanese Industrial Townships (JITs).



(Photos: JETRO)

Otsuka Pharmaceutical India

In July 2013, Otsuka Pharmaceuticals Factory, Inc. and Mitsui & Co., Ltd. jointly acquired capital in the new company established by Claris Lifesciences Ltd. This company, Otsuka Pharmaceutical India Pvt. Ltd., manufactures and distributes basic solution and clinical nutrition of high quality.



(Photos: Otsuka Pharmaceutical India Pvt. Ltd.)

May-2017

Honda's Scooter Plant

Honda Motorcycle & Scooter India Pvt. Ltd. inaugurated its fourth manufacturing plant at Vithalapur in February, 2017. It is a state-of-the-art, scooter-only manufacturing factory, which can produce 1.2 million automatic scooters annually.



(Photos: Honda Motorcycle & Scooter India Pvt. Ltd.)

Suzuki Motor Gujarat

Suzuki Motor Gujarat Private Limited, established in Ahmedabad in 2014, started its production at its Gujarat plant in February, 2017. They produce premium hatchbacks, “Baleno” and supply them to Maruti Suzuki.

