

## City Need Assessment for transforming city through Co-Development



### BACKGROUND

A smart city is a designation given to a city that incorporates information and communication technologies (ICT) to enhance the quality and performance of urban services such as energy, transportation and utilities in order to reduce resource consumption, wastage and overall costs.

Smart Cities Mission is an urban renewal and retrofitting program by the Government of **India** with the mission to develop 100 cities across the country making them citizen friendly and sustainable.

In the approach to the Smart Cities Mission, the objective is to

promote cities that provide core infrastructure and give a decent quality of life to its citizens, a clean and sustainable environment and application of 'Smart' Solutions.

With a limited supply of natural resources available to meet human demand, smart technologies are giving cities the tools needed to effectively conserve and reduce the inadvertent use of resources.

City development is one of the most opportune and ambitious projects of Govt of India with tremendous potential. There is no universally accepted definition of a smart city, it

means different things to different people. The conceptualization of Smart City, therefore, varies from city to city and country to country, depending on the level of development, willingness to change and reform, resources and aspirations of citizens.

City development initiative as a multi-stakeholder ecosystem upholds the value co-creation process of related actors within a framework to provide and deliver the expected services. The overall goal of Smart City Mission of Govt is to improve the life of citizens and make the entire cities citizen friendly and sustainable.

Cities have a major impact on the economic and social development of a nation. Cities are the genuine platforms where people live, where companies have their business in which numerous services are provided. What's more, they are the major centers of consumption of resources.

Keeping this in mind, Centre of Excellence for Governance, Ethics and Transformation (CEGET) organized a City Need Assessment Meeting for Transforming Cities through Co-Development was organized with Thane Smart City which includes CEO, General Consultants and the Deputy Commissioner, Social Development, on 26th March 2019 in Maharashtra.

## OBJECTIVES

- To identify key issues & challenges of the City.

- To review the current needs, city priorities and initiatives.
- To discuss potential strategies and solutions for fast tracking the implementation.
- To identify Potential Stakeholders and avenues for co-development.

## RATIONALE

Over the decades and more so in the recent years, plethora of innovations have been tried out by various actors. These relate to technology, financing, and community-based solutions. Nevertheless, innovations can be of limited use and even be wasted, if these cannot be scaled up and made accessible to a greater number of communities. Many such innovations could not be replicated because of limited efforts towards dissemination, financing, and institutionalization.

Govt of India introduced the smart city challenges by recognizing that cities are the main part of growth and are bringing a million people every minute from rural areas. The development of smart cities is considering a key support from states and ULBs. The entire process is envisaged to deal with several problems and the road to build smart cities is



not an easy one. There are several challenges on the way of development of smart cities. Most cities are lacking in basic infrastructure like water supply, sewerage connections, solid and liquid waste management and so on, therefore the focus is more directed towards fulfilling the needs of the cities.

There is a need to explore the potential business solutions that can help smart cities to meet out its needs and resolve challenges. Global Compact Network India , being the largest national level voluntary corporate network with over a 400 signatories and business members, can develop and strengthen sustainable collaboration between cities needs and business solutions.

## PROCEEDINGS

In order to identify the needs of Thane Smart City and to explore the areas of city transformation through co-development, CEGET-GCNI organized a meeting with the SPV and the general consultants of Thane Smart City on 26th March 2019 in Maharashtra.

Mr. Sameer Unhale, CEO, Thane Smart City gave out a brief overview of Thane Smart City. He said that Thane Smart

City has been shortlisted as one of the Smart City in India under the Ministry of Urban Development (MoUD). In 2016, the central government chose Thane in the third list of smart cities to be developed across the country.

Thane Smart City Limited (TSCL) is a Public company incorporated on 18 October 2016. It is classified as State Govt company and is registered at Registrar of Companies, Mumbai.

Further, he said that as per the objective of Smart Cities Mission of GoI, Thane Smart City is striving hard and running various projects to provide core infrastructure and give a decent quality of life to its citizens, a clean and sustainable environment and application of 'Smart' Solutions.

Further, he shared that at present Thane Smart City is working on 43 major projects and some of them are ..

### Projects under Area Based Development (ABD)

#### A- IMPROVED MOBILITY

1. New suburban station
2. Multi-modal facility
3. Teen Haath Naka junction improvement
4. Underground parking facility
5. Pedestrian improvements

#### B- SAFE HABITAT

1. 70-acre cluster redevelopment

#### C- WATERFRONT DEVELOPMENT

1. 1.5 km waterfront development
2. 3 lakefront developments

#### D- ENERGY SAVINGS

1. LED street-lighting
2. 2MW solar roofing

#### E- IMPROVING URBAN ENVIRONMENT

1. Water supply network remodeling
2. Sewerage works
3. Nalla works
4. Decentralized SWM
5. Urban restrooms

#### Projects under PAN City:

1. Digi Thane System
2. Intelligent Transport System
3. City-wide CCTV&Free Public Wi-Fi
4. Enterprise Resource Planning
5. Online Performance Monitoring

Besides this, The CEO had also shared the cost and fund sources of various project of Thane Smart City.

#### Project Cost & Fund Sources

Project	Cost	Funding source				
		Private financing	Other missions	Central Railways	MORTH	Smart City Mission
New suburban station	289	0	0	30	0	259
Multi-modal facility	267	0	0	0	0	267
Teen haathnaka junction improvement	239	0	0	0	239	0
Parking management	27	0	0	0	0	27
Pedestrian improvements	23	0	0	0	0	23
70 acre brownfield township	3974	3974	0	0	0	0
3 lakefront developments	16	0	0	0	0	16
1.5km waterfront development	224	0	0	0	0	224
LED street-lighting	27	27	0	0	0	0
2MW solar roofing	14	14	0	0	0	0
Water supply network remodelling	35	0	35	0	0	0
Sewerage works	25	0	25	0	0	0
Nalla works	49	0	49	0	0	0
Decentralized solid waste processing	21	21	0	0	0	0
Urban restrooms	5	0	0	0	0	5
Digi-card	28	0	0	0	0	28
Enterprise resource planning	12	0	0	0	0	12
City-wide CCTV and wifi	42	42	0	0	0	0
Online performance monitoring	83	0	0	0	0	83
Intelligent transport system	4	0	0	0	0	4
<b>TOTAL</b>	<b>5404</b>	<b>4078</b>	<b>110</b>	<b>30</b>	<b>239</b>	<b>948</b>

Mr. Somnath Singh, Programme Manager, CEGET-GCNI shared that Centre of Excellence for Governance, Ethics and Transparency (CEGET) at UN Global Compact Network India (GCNI) on the lines of its principled framework has been promoting Transparency, Accountability and Ethics in businesses. CEGET has been committed to establishing a robust framework of governance and transparency through preventive vigilance in smart cities of Govt of India (GoI).

Adding to him, Ms. Shabnam Siddiqui said that CEGET-GCNI is playing a lead role in helping shape a collaborative and transparent framework for Smart Cities in India. she detailed out the work and progress made by CEGET-GCNI in Smart Cities.

Moreover, MS. Shabnam Siddiqui shared that CEGET-GCNI had signed 5 years MoU with Pune Smart City (PSCDCL) and provided them support like IT enabled compliance tools; shared framework of Governance for Smart Cities; Public Private Partnership (PPP) Module that are now helping Pune Smart City in establishing a robust governance system and strengthening Public Private Partnership. She shared that CEGET-GCNI is also coming up with PPP Handbook and Risk Assessment & Mitigation Toolkits (For Govt &

Businesses) with a focus on Infrastructure Sector.



Besides this, Ms. Shabnam also shared that Pune Municipal Corporation and Noida Authority are in the process of developing collaboration /partnership with CEGET-GCNI to conduct SDG assessment for them and National Institute of Urban Affairs (NIUM) is also collaborating with CEGET-GCNI for promoting the use of data for informed decisions making through the pilot of an urban data observatory and mapping out the Sustainable Development Goals (SDGs) with regards to business community in India And for organizing Urban thinker Campus 4.0 on the theme of Resilient City We Need.

Apart from this, she also talked about the CEGET-GCNI's knowledge Partnership with UN -Global Compact Cities Programme (GCCP) for Cities Partnership Challenges Initiative And with World Bank to carry out the activities conducive to knowledge sharing and capacity building of Smart City Practitioners through India-ICT Enabled

Integration from Green Growth Initiative of World Bank.

## CITY NEEDS & EXPECTATIONS

The CEO, Thane Smart City said that as of now the city is taking lots of initiatives to make it a sustainable and an inclusive city and the entire team whether General Consultants, vendors and the management putting up sincere and strategic efforts for Thane city development.

He acknowledged that besides all positive outcomes of the initiatives being taken by the city, yet City is facing some challenges like Centre-State coordination, Staff expertise in

Project development and implementation, Multiple institutions engagement, Citizen engagement, Eligible vendors and Financing.

Mr. Sameer Unhale asked CEGET-GCNI representatives that how they help Thane Smart City in...

- Identifying and engaging multiple institutions
- Increasing Centre-State Coordination
- Developing SDGs assessment Framework to map out city's achievements around the SDGs.
- Guidelines for developing Climate Action Framework
- Strengthening Public-Private Partnership (PPP)

Responding to Mr. Sameer Unhale, Ms. Shabnam Siddiqui suggested that Thane Smart City must have a robust Governance framework and Project/s monitoring system in place. Also, Thane Smart City must identify and collaborate with domain experts (Institutions) like TERI, GCNI etc.

With regards to provide support on strengthening Governance and Compliance system and SDGs assessment for Thane Smart City, Ms. Shabnam Siddiqui said that this is the mandate and the expertise of CEGET-GCNI and therefore we can provide required guidance and support once the formal collaboration is developed between Thane Smart City and CEGET-GCNI. Also Ms. Shabnam Siddiqui shared that SDGs assessment will help the city in prioritizing and aligning the projects with SDGs.

In addition to this, Mr. Somnath Singh shared that CEGET-GCNI is also working with potential and enthusiastic start-Ups across the country those can provide solutions to meet out most of the city's needs & challenges.

## MUTUAL DECISIONS

- Thane Smart City (TSCL) and CEGET-GCNI will enter into a MoU/contract for strengthening Governance system and conducting SDGs Assessment for Thane Smart City.
- CEGET-GCNI will provide guidance to strengthen PPP in Thane Smart City.

- CEGET-GCNI and Thane Smart City will develop strategy to meet out major needs and challenges of the city.
- Regional Smart Cities Workshop can be planned in future for the exchange of best practices and knowledge.

## OUTCOMES & IMPACT

- Learnt about the existing challenges of the city and developed strategy to address the challenges.
- Identified the City's needs and developed strategy to meet out the needs.
- Explored the possibilities for future collaboration between GCNI and Thane Smart City.
- Created a platform for future discussion and knowledge sharing between GCNI and Thane Smart City.

## THE ORGANIZER

### **United Nations Global Compact (UNGC)**

United Nations Global Compact (UNGC), New York is the largest voluntary corporate citizenship initiative in the world offering a unique platform to engage companies in responsible business behaviour through the Ten Principles focusing on human rights, labour standards, the environment and anti-corruption. The UNGC encourages businesses worldwide to adopt

sustainable and socially responsible policies, and to report on their implementation.

### **Global Compact Network India (GCNI)**

The Global Compact Network India (GCNI) was formed in 2000 and registered as non-profit society in November 2003 to function as the Indian Local Network of the UNGC. At present, the India network ranks among the top 3, out of the 102 local networks in the world, and has emerged as the largest corporate citizenship and social responsibility organization in the country with a pan Indian membership. With 400 renowned organizations as GCNI pivotal members / signatories, the local India network in the last 14 years of its functioning has created a strong niche for itself.

### **Centre of Excellence for Governance, Ethics and Transparency (CEGET)**

GCNI established the Centre for Excellence for Governance, Ethics and Transparency (CEGET) in 2015, with the overall objective of developing a premier knowledge repository that conducts innovative action research and training, provides a platform for dialogue and communication and facilitates systematic policy initiatives for strengthening transparency and ethics in business. The goal of CEGET is to bring in diverse stakeholders on a common platform to exchange best practices, deliberate upon challenges and make policy

recommendations to promote responsible business standards and transparency and ethics in general.

#### LIST OF THE OFFICIALS WERE PRESENT

<b>S.N.o</b>	<b>Name</b>	<b>Designation</b>	<b>Organization</b>
1	Mr. Sameer Unhale	CEO	Thane Smart City Limited (TSCL)
2	Ms. Varsha Dixit	Deputy Commissioner, Social Development	Thane Municipal Corporation
3	Ms. Shabnam Siddiqui	Director, CEGET	Global Compact Network India (GCNI)
4	Mr. Ankur Srivastava	General Consultant	Thane Smart City Limited (TSCL)
5	Mr. Raj Kumar Gupta	General Consultant	Thane Smart City Limited (TSCL)
6	Mr. Bharat Nihalani	General Consultant	Thane Smart City Limited (TSCL)
7	Mr. Somnath Singh	Programme Manager, CEGET	Global Compact Network India (GCNI)