

BUSINESS ROUNDTABLE: DEVELOPING COLLECTIVE ACTION TO STRENGTHEN SMART CITIES OF INDIA

21st February 2019 | Mumbai

Bombay Chambers of Commerce & Industry (BCCI)



Background:

The world is rapidly becoming more urban and so is India. More than half of world's people live in cities. It is projected that six out of ten people will be urban dwellers by 2030 and two out of three will be urban/city dwellers by 2050. The scale and pace of India's urbanization has the potential to define the 21st century. India is one

of the biggest urban systems in the world with about 377 million people. 31 percent of all Indians reside in urban areas.

India's growth in the last few years has been remarkable, and it has been fueled by its cities. Over 60 percent of India's current GDP comes

from cities and towns and this will likely increase to 75 percent by 2030. Even now, 90 percent of the revenues come from its cities.

Cities have a major impact on the economic and social development of a nation. They 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.

Making Indian cities Smart and sustainable has been the ambitious goal of Govt of India. 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 upon the level of development, willingness to change and reform, resources and aspirations of the city residents. Smart city as a multi-stakeholder ecosystem upholds the value co-creation process of related actors within a framework to provide and deliver the expected service/s. Numerous planning challenges, well-managed cities and other human settlements can be incubators for innovation and ingenuity and key drivers of sustainable development.

Technology, Private-Public-People Partnership (PPPP), Investors , Businesses , Start-Ups are the factors that are driving the growth of cities/smart cities but identified challenges still need to be overcome/addressed. Smart Cities marketing design needs to be discussed from the perspective of people's needs through 4 Ps (Private-Public-People Partnership) model. Its concrete role should be in bringing understanding of the need for collaboration , which can reduce costs of public policy, thus enlarging benefits of collective action in smart cities.

Centre of Excellence for Governance, Ethics and Transparency (CEGET) at UN-Global Compact Network India (GCNI) and Bombay

Chambers of Commerce & Industry (BCCI), organized a business roundtable on 21st February 2019 in Mumbai for developing collective action wherein renowned businesses and start-ups together shared their knowledge, experiences and innovations to strengthen Smart Cities of India.

Purpose:

- To explore the opportunities and platform that can develop a strong network between cities challenges and business solutions.
- To develop structured plan/strategy for establishing a sustainable collective action together by the Businesses and Cities.

Rationale

Smart Cities Mission is one of the most opportune and ambitious projects of Govt of India with tremendous potential. The overall goal of Smart Cities Mission is to improve the life of citizens and make the entire cities citizen friendly and sustainable.

Today, more and more cities are striving to grow into smart cities. However, there are many challenges for the cities to be a smart and sustainable city such as Finance, Efficiency & Expertise, Skills, Coordination with system & stakeholders, Citizen engagements & participation etc., yet, each city has lots of potential if Smart technology and strengthened Public-Private Partnership (PPP) support Smart Cities through Collective Action.

Collective Action driven smart city development is an essential approach to bring positive changes in the cities. Now the world has started to recognize the importance of collective action approach; this will help

understand the needs of a city and the appropriate solutions available with the diverse stakeholders. Collective Action improves the relation and coordination among People/Citizen and technology and society manage their effect on business and economy. This development eventually enters the perspective of the government /system, thus influencing public policy. It provides the room to a new equilibrium within the triad: People, Business and Public Policy. Being close to the population and their everyday needs, smart cities, no doubt, may act as push factor to the collective action of Businesses and Start-Ups to address the needs and challenges of smart cities through their solutions and resources.

Cities have limitations and challenges that restrict them to be developed and sustainable despite well designed Smart Cities Mission, AMRUT Mission and many more existing projects of GoI while businesses have the solutions that can help cities to meet out their needs to become a smart and sustainable city.

Proceeding & Methodology

The Business Roundtable organized by Centre of Excellence for Governance, Ethics and Transparency on 21st February 2019 in Mumbai, has created a platform for Businesses and Start-Ups to share their ideas and plan to strengthen smart cities of India with their solutions and tools.

To being with, a round of introduction took place among the facilitators and participants. Ms. Shabnam Siddiqui and Mr. Somnath Singh represented the Global Compact Network India (GCNI) and Dr. Vijay Srirangan and Ms. Usha Maheshwari represented Business Chambers of Commerce & Industry (BCCI). The participants were from the different businesses and Start-Ups. They were found to be aware of the structure of Smart Cities and therefore they had shared about the kinds of solutions they

can provide to meet smart cities needs and can help address major challenges of Smart Cities.



Mr. Vijay Srirangan, Director General of Bombay Chamber of Commerce welcomed all the participants and shared the objective of the program. Further he set the tone of the program and encouraged the participants to openly share their ideas and solutions that can help to meet the needs of the cities and to address its challenges. He reiterated that the business solutions should be replicable and scalable so that target of Smart Cities Mission can be achieved by each city.

Introductory session and the purpose of holding business roundtable were shared by Ms. Shabnam Siddiqui. She also gave an overview of SMART Cities including the approaches & strategies and features of Smart Cities.



She emphasized on the fact that timelines to achieve the objectives and targets of Smart City Mission are tight but these have to be achieved. She highlighted that due to lack of Public - Private Partnership, the success of smart city mission is not as expected. She said that the open discussion here in the program will help in

developing strategy to collaborate with Govt for providing solutions /tools to address smart cities needs and challenges.

Mr. Somnath Singh gave out an overview of Centre of Excellence for Governance, Ethics and Transparency (CEGET).

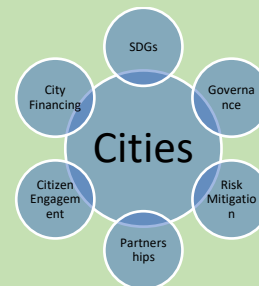


He shared that *Centre of Excellence for Governance, Ethics and Transparency (CEGET)* was formed at Global Compact Network India (GCNI) in 2015, with the overall objective of developing a premier knowledge repository that conducts innovative action research and training, provides a platform for dialogue 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, transparency and ethics in general.

Furthermore, he shared how the different stakeholders (Corporates -PSUs, Private Companies /Corporation ; SMEs, Institutions) have become the member of Global Compact Network India and how they are supporting us to implement SDGs (Sustainable Development Goals) and UN ten principles in the areas of Human Rights, Labour , Environment and Anti-Corruption, in India. Adding to him, Ms.

Shabnam shared that CEGET with support from Siemens Integrity Initiative (SII) has been running a project to strengthen Governance and Transparency in businesses by cutting the chain of corruption. She said that if, as a business, we have a good sustainable value chain and good governance in place then automatically we achieve the aim of Anti-Corruption. Hence, the programmatic and practical approaches of CEGET are helping its stakeholders in becoming more transparent and profitable business.

Mr. Somnath then shared CEGET’s strategic interventions in the cities...



In addition, he shared how CEGET is supporting Smart City Mission especially in promoting governance and transparency. He said that CEGET has aligned its mandate around SDG 11 (Sustainable Cities and Communities) and hence it is playing a lead role in helping shape a collaborative and transparent framework for Smart Cities in India. The initiatives that has taken by CEGET to be the part of Smart Cities Mission are - Stakeholders Consultations in 5 cities (Vishakkapatnam, Lucknow, Pune, Bhubaneshwar and Ranchi), 5 years MoU with Pune Smart City (PSCDCL) and development and IT enabled governance & compliance tool given to Pune Smart City; Framework of

Governance for Smart Cities; Public Private Partnership (PPP) Module etc. CEGET has also developed Risk Assessment & Mitigation toolkits and PPP handbook which are going to be shared with the concerned Ministry, Smart Cities and Businesses as well.



Emphasizing on the purpose of the event, Mr. Somnath said that every business has the idea and strategies to market their products/solutions. Therefore, we as Global Compact Network India expects all the businesses /start-Ups present here to share how they will build network with smart cities and provide them solutions to meet smart cities needs. He asked businesses that if they think of engaging in particular city/s whether they are smart , not smart, sustainable, liveable, affordable , they need to find an appropriate solution/s and move forward to develop collaboration with Smart City/s and GCNI will provide them platform for coordination with smart cities.

Mr. Vijay Srirangan, with the purpose of extending the participation of the audience, asked a few relevant questions to the participants like what percentage of people think their involvement has been better in the smart cities among those who are currently involved; How many of the participants have gone through the smart city or Amrut city

project that the cities came up with. He clarified saying that one is to be engaged actively with the government as much as possible, so that there should not be any duplicacy of work of government, but as a responsible business, we can give them the tools that improve smart cities performance and help them achieve their targets.

Adding to him, Ms. Shabnam said that each city wants to work with the innovators, because there is lot of innovations are happening in smart cities through businesses this is what Government wants to the businesses engaging with them to strengthen smart cities.

Ms. Usha Maheshwari drew the attention of the participants toward the kinds of stakeholders like Govt (Municipal Corporation, SPVs, Ministry, Nodal agencies etc.) , Corporates, Institutions and Civil Society organizations etc. who are already supporting Smart Cities Mission and therefore collaborating with smart cities/SPVs for a new businesses would not be very much easy. She said, it is good for all of us that Global Compact Network India, a largest voluntary corporate network, is leading this initiative to create a platform between smart cities needs and business solutions in India. Therefore, as a largest chamber of commerce & Industry in India, I suggest to develop a sustainable collaboration with Smart Cities. She said I am not advocating that private sector is taking over the city administration; I mean , the role of private sector and the government units should be in a meaningful way so that the expected outcomes could be achieved.

Some of the participants shared their experiences and expectations to the event as follows---



Mr. Sachin Aggarwal Shreeji Sugar Company established in 1976, is one of the world's leading suppliers of turnkey sugar factories, turnkey sugar refineries and sugar based ethanol plants. Shrijee also supplies sugarcane farming equipment and solar structures and wind ventilators. He said that the company has worked with World Bank and well-versed public policy. He added that instead of complaining about Govt's failures and corrupt practices, this is an opportunity created by CEGET to work with Government to transform the life of the people of India.



Mr. Sandeep Goswami shared that he is holding two companies one is "Fountain Head" and another is "Sandeep Goswami and Associates". Over the last 25 years, he has been working on designing green buildings and townships in

India. His companies are having good network of Start-Ups and Cities those can really contribute to successfully implement the various projects of Smart Cities.

Mr. Vikas Raina from Oracle Corp which is the largest software making company of the world. He briefly talked about the Oracle's initiative called Start-Ups Ecosystem to showcase how technology can create change from driving diversity and inclusion featuring Gapsquare, to reimaging the startup/corporate relationship with businesses. He said that the reason I'm here at the event is to know about the concept, understand the problems, take the problem statements to my start-ups and talk to them and explore the possibility of developing a solution/s towards sustainable developmental of Smart Cities.

Mr. Rajesh Bhagwani from Central Public Works Department (CPWD) shared that the company is particularly involved in construction, repair and maintenance of Govt buildings across India and they have efficiency and expertise in designing and construction of sustainable buildings etc. and hence they may share their expertise with smart cities if they ask for.



Ms. Shivani Handa from Siemens India shared the purpose of attending the event saying that I am here to understand the challenges of

Smart Cities and the kind of solutions are required to meet their needs. She suggested to form a knowledge sharing platform for businesses and start-Ups willing to be the part of collective action for Smart Cities. She said that Siemens would be happy to support this initiative to take forward.

Mr. Anand Chaturvedi from Tata Capital Housing Finance shared that the company has focus on affordable housing & energy. He would be happy to learn if any smart solution to improve affordable housing structure of India is available, the company may try to be collaborate with those business/Start-Up.

Mr. Ashish Chaturvedi and Mr. Hemant Chaturvedi from Indus Strategy company dealing in investment and financial advisory. They said that they came to the event to learn about the opportunities to facilitate their alliance with Smart Cities. Mr. Ashish shared that their company may guide and help the businesses needing investment in Smart Cities.

Mr. V.K. Gopal from Reliance Industries (HR) briefly shared about Reliance Industries and its efforts in the development of the society. He shared that he needs to understand innovative aspect and the mechanism how we can leverage our initiatives/ideas for the benefit of businesses and smart cities. He expressed his desire to work with Smart Cities Mission/Projects.

Mr. Jagdish Mahajan, president of a cluster called Indian Cluster of Mechatronics shared that their company is engaged with CBI at Netherlands in an advance course on CSR and international business. He shared his experience saying that a couple of years back

he attended a conference in which I met a finest smart city and then gone through the various projects they have done and they have integrated societal issues with cities programmes. That city had one of the dirtiest rivers in its region which now have clean water. The city leader had transformed the city with such a passions that all their museums, art centre and other things have been realigned and river has been rejuvenated and that river water is so clear where you can swim in now. With this, he tried to make the audiences understand what kind of support/solution is required for Smart Cities. He expressed his desire to be the part of any Smart City where he can share his international experiences and help the SPVs to make their cities liveable and sustainable.

Mr. Ramnath Pinderkar from DNV-GL shared that the DNV-GL is basically a business assurance service provider company and which has been working with smart cities project globally. DNV-GL's some of the smart cities projects are going on in UK and European continent and we are looking at how that can be leveraged in India. Therefore, I am here at the event to hear or learn more about initiatives /solutions that DNV-GL can provide to Smart Cities of India and as a business how can we support the initiatives of government.

Mr. Sudhakar Malpe from a group of non-government organizations shared that each city of India needs smart housing, smart transport, smart energy and smart people with smart technologies. They as a NGO Consortium have been holding workshops and seminars for the sensitization and empowerment of people across India. He said there is a lot of stake in smart cities and hence collective action of

businesses, start-ups, NGOs and institutions are required to strengthen smart cities of India.

Mr. Praveen from Bombay Chamber of Commerce and Industry (BCCI), shared that BCCI is largely focused on port shipping and logistic sector and handling some international projects on capacity building. He said that from this Business Roundtable event I want to know the strategy and mechanism how the skills and solutions of diverse stakeholders could be gathered and used for addressing Smart Cities Challenges. He offered the skills and resources of BCCI to associate with Smart Cities Mission/Projects.

Mr. Manish Balwani From Value Creation Catalyst, LLP shared that the company is helping their business members and start-ups in scaling up their projects and fund raising. As far as smart cities are concerned, he believes that there is a huge opportunity for social development projects as well as opportunities for start-ups. If his company becomes the part of collective action initiative of GCNI, it will help developing a platform for start-ups to engage with Smart Cities Projects and also they can help smart cities in PPP implementation and strengthening.

Mr. M.K. Chauhan from Fino Payments Bank shared that Fino payment bank is a new generation totally digital bank which Reserve Bank of India has given licenses a two years before. He said that Fino Bank works at the bottom of the pyramid and support the people who are below the poverty line. Fino Bank is already contributing to SDG 1 (No Poverty) and SDG 11 (Sustainable cities and Communities) and hence Mr. Chauhan requested GCNI to share where and how Fino Bank can play a

crucial role in Financial Inclusion for Smart Cities.



Mr. Rajan Raje from NICHEM shared that the company is involved in Solid Waste management, drinking water purification, waste-waste management and I am also director of Board of directors of Bombay Chamber of Commerce & Industry (BCCI). He said that he is having regular meetings with the Municipal Commissioners and other Senior Officials across India I found that Municipal Corporation in each city is serious about Solid Waste Management and waste-water management projects. He mentioned that the technologies what currently are being supplied by small manufacturers or vendors have limitations and hence cities need more businesses come forward with solutions to support the cities in Solid Waste Management and Water Waste Management Projects. He gave assurance to provide his full support to establish a partnership platform between smart cities and businesses & start-Ups.

Mr. Somnath took the audience through the major challenges of smart cities like Financing, Lack of coordination between State and Central Govt, Paucity of expertise and efficient staff and Development of most required projects etc. he said that there is need of a mentorship program between Businesses and Start-Ups to

accelerate the start-ups and get them into the financing and sustainability structure.

In conclusion, Ms. Shabnam shared the strategy how businesses and start-ups can support the Smart Cities. She said that the businesses/start-ups are expected to usher in new and innovative technological solutions and services.



The business players, with their wealth of knowledge and resources, need to develop standardized yet customizable solutions that can be replicated and scaled up for the development of smart cities. Also, many businesses have mastered the art of collaboration and they can utilize their experience in creating platforms that bring together various stakeholders to deliver much needed integrated solutions to the smart cities.

CEGET used the participatory approach at the event which enhanced the participation of participants and provided them a platform for sharing their ideas and solutions and knowledge for developing a collective action toward strengthening smart cities of India.

BUSINESS ROUNDTABLE AT A GLANCE

Contents

- To identify the key challenges /limitations of smart cities.

- To explore the opportunities and create a platform that can develop a strong network between cities challenges and business solutions. How business can help in addressing smart cities challenges/needs.
- To discuss the need and impact of collaboration between Businesses and Smart Cities.
- To understand Govt guidelines and the roadmap for building cities and human settlements inclusive, safe, resilient and sustainable.
- Recommendations & Way Forward.

Criteria -Participants selection

Centre of Excellence for Governance, Ethics and Transparency (CEGET) conducted an interaction And discussion with many businesses and found that only the potential and willing businesses can positively contribute to help smart cities in achieving its targets by addressing its challenges and therefore, the selected businesses were invited in the event those had fulfilled the following criteria...

The businesses those....

- have existence and experience in smart city/s development projects and initiatives.
- have solutions/resources that can help smart cities meet out their needs.
- are willing to join hands with the smart cities to invest their resources and solutions in the implementation of dream projects of the city/s.

CEGET's Initiatives and Innovations shared

- Framework for Governance of Smart Cities.
- Risk Assessment and Mitigation toolkits for Govt and Private Sectors.

- Public-Private Partnership handbook for Smart Cities.
- Need Assessment Regional Smart Cities Workshops to transform cities through Co-Development.
- Business Roundtable towards developing collective action to strengthen smart cities.
- Deliberation Workshops towards accelerating social impact solutions through collective action between Industry & Start-Ups.

Smart Cities Needs identified

- Appropriate urban designing and planning.
- Efficient staff and consultants.
- Solutions that can help smart city/s in improving its Governance and project compliance system.
- Investors / Finance for the implementation of diverse projects.
- Strengthening Public -Private Partnership (PPP).
- Skills for resources identification and utilization for cities development.

Observations from participants views & discussion

- Smart Cities people do not know how to value existing resources.
- Participants think that government believes that PPP is the magic wand, they have the place, they just give the money, and everybody lives happy ever after.
- The participants talked about the transfer of skills and talents in the way of how value creation can be done.
- Participants realized that each city needs to be reached out and the solutions to be shared as per city's needs.

- There is no maintenance system/cost with Govt for the infrastructure once developed for public welfare; for instance, public toilets have been made in huge number but just after 3 months there is no water and proper cleaning of the toilets.
- People's awareness on Govt's policies and city's initiatives either is poor or not up to the mark.

Factors affecting city development

- Huge and constant migration of marginalized population in the city/s.
- No synergy across multiple initiatives (Water, Waste, Energy, Technology etc.) of cities; there is a scope for improvement.
- People ignorance or poor awareness about City's initiatives and policies.
- No citizen participation in city development.
- Unwanted political interference and bureaucracy.

Solutions that Businesses and Start-UPS can offer to Smart Cities

- Solid Waste/Waste Management, Drinking water purification, Waste-water management, Energy generation, Governance & Compliance tools development, Traffic Control Solutions and Information Control & Command Centre establishment and operation.
- Capacity Building of city plyers and personnel.
- Banking facility and financial guidance to the unbanked and under banked people.
- Urban designing & Planning and Infrastructure development.
- Smart Net to assess Project's status at any point of time.

- Smart Net for digitalization of bids, tendering and projects delivery.
- Water and energy conservation.
- Data observatory/ information to track the city performance and to take corrective and preventive actions (as & when required).
- Disaster Management tools and guidance.
- Assist cities in addressing infrastructure related legal matters.
- Assist Businesses and provide them handholding support to be the part of eco-system if they engage in a city and provide solutions to address its needs and challenges.
- How can we (Businesses) collectively or otherwise help Govt in Waste to Energy conversion projects.
- Whom to connect and how to connect with Smart Cities?
- How, you as an individual company, can make urban missions or your locality or whatever better; So, what is your solution? How can you contribute?
- How do the businesses get connected and who will do it, if an exhibition centre is established to demonstrate the technicalities and solutions?
- Why CSR is not creating awareness among the public about various welfare schemes and policies of Govt?

Participants questions and queries

- What are the basic things that a business should learn to get into a Smart City Project?
- How many PPP projects exists because everything gets into a complications and risk?
- What are the possibilities that commercialize spaces/Land?
- What is the kind of gain for businesses and start-ups if they contribute to Smart Cities strengthening?
- How many of the participants have gone through the smart city or Amrut city project/s that the cities came up with?
- How Global Compact Network India (GCNI) can help businesses in designing measures for connecting with Smart Cities?
- How can businesses support Govt in peri-Urban development?
- How accountability of businesses can be enhanced for Smart City Projects/ Mission.

Challenges that businesses & start-Ups faces to collaborate with Smart City

- Ignorance of Govt towards unknown/ new businesses and start-ups
- Strict and unfair tendering process of Govt.
- Complicated approval process from different windows/ Govt doors.
- Political interference and change in Govt.

Need of Business Solutions for Smart Cities

For

- Capacity building of Govt on how to monetize the resources
- Data Observatory for sharing smart cities needs and business solutions.
- Establishing and strengthening good governance in the city/s.
- Increasing citizens participation in Smart Cities Initiatives /Projects.

Quotes from the participants

- Every waste industry in the country and abroad is because we consider waste as

useless and it has to be thrown out, because we don't know how to use it. Proper waste management may generate revenue and hence many municipalities are now maintaining and generating revenue out of it. (Kakinada Municipality in West Bengal).

- Every city is trying to reinvent the things, and no one is looking at the best-case examples of cities that are already doing good. The approach of learning from other cities and replicating best projects will help in strengthening smart cities.
- Smart Net is very good technology for working in city industries; this will help cities to get all the bids and everything in one place.
- We don't find the outreach and the synergy across diverse institutions and industries; anything that we collectively can participate is on the synergized side; we must be very keen to work with diverse institutions and bring them to a common platform to initiate collective action for city development.
- One of the important thing/projects is affordable housing. Globally as well nationally, affordable housing is the biggest opportunity for the businesses/start-ups. Start-Ups as well as SMEs are being given chance to be the part of such projects of Gol for city development.
- Create a repository of information because as an individual, we cannot provide solution/s as per the need of the city/s. This will bring potential businesses to one place so that they can share their ideas and get involved in relevant project of a city.
- Resources need to be tapped, tackled irrespective of missions, because SPV's

are good to work with but SPT-SPV's will not be accountable in the long run. We have to work with the municipalities and corporates and the elected bodies, and nobody will hear us until we present ourselves as a potential business /solution to meet city's needs.

- Every mission has multiple missions and multiple departments working together, so all the synergy with the missions and the government schemes remain part of the mandate; we need to learn this to collaborate and contribute to Smart Cities Mission.
- We know the right tools and who to approach, that's what a little bit the businesses can do from their end to make a sustainable change in the city/s.
- We need to build Smart cities on the ground and not on the PPT or on the paper, we will have to make the people smarter in each city by providing relevant solutions.
- Thane Municipal Corporation has a number, where people who want to complain against the auto rickshaw pullers refusing for ride and fares. So when one dial this number, it goes to the respective police station and there would be immediate action. This system has been developed for Thane Smart City under PPP model and the same way we as a business partner can develop partnership with Smart Cities.
- In Netherlands, Japan and Korea and other adjacent places collective action work differently. The Solutions provided by the businesses and Start-Ups are working well which can be replicated and scaled up; we must do similar

sustainable collective action for smart cities.

- Under Smart City Mission, we (businesses) need to emphasize more on the strategy, we need to engage more with the government and, we need to make citizen groups to engage more with the government. Once we engage with government, the government intervenes into it then the effect will be obvious different and positive.
- CSR responsibility is not only to create the infrastructure, it should also create the awareness that this is for you (People) and how this is to be maintained.
- One thing we have realized working both with the businesses and government sides, people are tired of complaints. Businesses constantly complain to the government saying that you're not doing this thing correctly and perfectly; this behavior of businesses has frustrated the government. Therefore, as a responsible business we must share ideas and solutions with the government so that it could deliver its duties more promptly and perfectly; this will help develop and strengthen good coordination between the government and businesses.

Striking features of the programme

- Businesses realized that the Govt has a lots of resources to be monetized where they can support them to teach how to monetize the resources.
- Feedback was collected from each participant which provided way forward to bring businesses and smart cities at a platform to collaborate for strengthening smart cities mission in India.

- The participants shared their own examples how they had put impact on businesses.
- The businesses openly shared their manufacturing capabilities so that a clear roadmap can be developed to establish collaboration between businesses and smart cities.
- The speakers as well as participants shared their ideas to strengthen smart cities.
- Each participant was engaged and encouraged to share what kind of solution and support they can provide to smart city mission.
- Businesses offered spaces to CEGET/GCNI to establish business solutions & technicalities centre for smart cities.
- A few businesses like Tata Consultancy Services, Fino Bank and Eco-India gave assurance to help CEGET/GCNI in implementing its ideas and initiatives to develop collective action to support and strengthen Smart Cities.
- Eco-India came forward and assured CEGET/GCNI to connect it with Millennium Alliance, that's a global consortium headed by FICCI in India, which funds the social business projects.

Suggestions & Recommendations

- There should be an accountability between Govt and Businesses to initiate collective action for building a smart and sustainable city.
- Urban planning should be as per the need and sustainability of the city/s.
- Cities must have sensitization and awareness program for the citizens for their involvement/participation in urban planning and city development. NGOs can be engaged to create awareness

among the people about the city's schemes and initiatives.

- Peri-Urban areas must also be focused and prioritized for the development by the Govt.
- There should be good connect between AMRUT and Smart City Mission (Team interactions, Planning and Implementation).
- CEGET/GCNI must conduct such events and meetings with businesses and start-Ups at-least twice a year.
- Municipal Corporation must be serious and accountable for the proper implementation, Management, Monitoring and the successful achievement of projects of smart cities.
- Businesses, rather than focusing on problems with Govt, should come up with solutions that could help smart cities meet its needs and achieve the project targets/goal.
- Smart Cities must focus on composting of waste rather than investing more in waste management.
- City leadership needs to be strengthened to achieve desired goals of Smart City Mission.
- An exhibition centre of Businesses should be established to demonstrate technicalities and solutions for Smart Cities.
- The corporators/businesses must appoint a nodal officer to coordinate with Global Compact Network India, Smart Cities and other businesses who are ready to offer their solutions and technicalities to the smart cities.
- For the sustainability of Collective Action, the businesses, start-Ups as CEGET/GCNI must think of the monetary value of each initiative/innovation which they will offer to the smart cities.

- There should be some revenue generation stream for the businesses and start-Ups getting engaged with Smart Cities.
- CEGET/GCNI or associated businesses and Start-Ups should develop and strengthen coordination between Smart Cities and IFC & World Bank and help them develop partnership for financing support to the Smart Cities Projects.
- We need to decide which approach we are going to go with to engage businesses in our City Development Mission; it will better to go with top down approach so that decisions can be taken promptly. If we prefer bottom up approach, it will, of course, strengthen relationship with a huge no. of officials and may also ensure their involvement in the mission, but decision cannot be taken by them until top management provide their concurrence.
- CEGET/GCNI should work for financial inclusion and inclusive growth of the cities and connect cities with the institutions that are already working with such resources like Fino Payment Bank.
- Business must have positive and transparent approaches while it coordinates with Government/Smart Cities.

Way Forward

- To advance the Government we would be telling businesses how to monetize the resources because the government has a lot of resources that can be monetized and then used for city development.
- To build data observatory of business solutions which can be shared with the smart cities as per their need through the respective business/Start-Ups.

- To improve city leadership by enhancing capacity and knowledge.
- To help cities develop sustainable collaboration with potential businesses that can support them for successfully implementation of its projects and achievement of its goals/targets.
- To help cities improve its knowledge and skill in project development, implementation and monitoring.
- To provide local, national and international platform to cities leaders to interact, discuss and develop actionable plan for making their cities smart and sustainable.
- To encourage private sectors to invest in the cities and make the most of their solutions for smart city development.
- To improve overall performance and functioning of Smart Cities.
- To do advocacy with Govt/SPVs and provide guidance on urban planning and implementation.
- To establish direct link/network between businesses and Cities Leaders to share their needs, challenges and solutions.
- To have a session or seminar for businesses as per their areas of expertise.
- To establish an exhibition centre to demonstrate business technicalities and solutions for Smart Cities.

- To form a group of top management of associated businesses and Start-Ups and facilitate coordination and communications for sharing and implementing their ideas for strengthening smart cities.
- To create information and knowledge sharing portal for the businesses and start-Ups collaborated/collaborating for smart cities strengthening initiative of GCNI.

Outcomes & Impact

- Business Roundtable has helped in creating a platform for both cities and businesses to share their needs and solutions and then develop a constructive plan and necessary guidelines for collective action or collaboration for improving the skills, efficiency and overall performance of smart cities.
- Business Roundtable provided an opportunity to understand businesses complexities and their strategies to have successful collaboration with Smart Cities/Govt.
- It has provided a roadmap to develop a robust and sustainable collective action for city development.

Analysis of participants feedback

Particular	No. of	Rating				
		1	2	3	4	5
How happy were you with the event					3	23

How satisfy were you with the contents	Participants given feedback = 26			2	4	20
How were you happy with the Speakers methodology & knowledge					5	21
How did you find it good for business development			1		6	19
Rating:- 1- Poor; 2-Average; 3-Good; 4-Better; 5-Excellent						

Detailed agenda

Time	Session	Facilitation	Mode
09:30- 10:00	Registration	Bombay Chamber	----
10:00 --10:15	Welcome Address & Introduction	Bombay Chamber	Discussion
10:15—10:45	An Overview - Global Compact Network-India and BCCI	GCNI & Bombay Chamber	Presentation
10:45—11:15	Purpose and the importance of Event (Business Roundtable)	GCNI	Discussion
11:15—11:30	Tea Break		
11:30—12:00	Key Challenges /Limitations in Smart Cities	GCNI & Participants	Discussion
12:00—12:30	Opportunities and need for strong collaboration/network between Cities Challenges and Business Solutions; & How can businesses help in addressing smart cities challenges/needs	Participants	Discussion

12:30—13:00	Need and Impact of collaboration between Businesses and Smart Cities	Participants	Discussion
13:00—13:30	Govt Guidelines and the Roadmap for building cities and human settlements inclusive, safe, resilient and sustainable	GCNI & Participants	Discussion
13:30—13:45	Way Forward & Recommendations	GCNI	Discussion
13:45	Vote of thanks (Followed by Lunch)	Bombay Chamber	-----

List of Participants

S.No	Name	Designation	Company/Organization
1	Mr Anand Chaturvedi	Head-Risk Management	Tata Capital Financial Services Ltd
2	Mr Sachin Agarwal	VP – International Business	Shrijee Sugar Projects
3	Mr Sudhir Kanvinde	VP & CIO	IL&FS Transportation Networks Limited
4	Robins Duncan	Director - NGO & Partnerships	Samhita
5	Jagdish Mahajan	President	Mechatronics Cluster {Indian Cluster Mechatronics}
6	Rajan Raje	CEO	NICHEM SOLUTIONS
7	Jeson Tharakan	Business Generation Leader India	Turner & Townsend
8	Manish Balwani	Founder, Managing Partner	Value Creation Catalyst Services LLP
9	Pendurkar Navnath	Manager – BD & Sales (West – Region India)	DNV GL - Sustainability
10	Lankalapalli Bhargav	Assessor- Sustainability	DNV GL - Sustainability
11	Rajaram Thorve	Manager-IR & Employee Relations	Cambata Aviation Pvt.Ltd
12	Shivani Handa Yeredd	Senior Manager, Cities Accounts & Management	Siemens Ltd.
13	Subodh K. Phadnis	Director	Lucid Multimedia

14	VarothKankath Gopal	Sr.Manager HR	Reliance Industries Limited
15	Mr. Ajoykaant Ruia.	Director	All State Conserve Pvt. Ltd.
16	Mr. Ramdas Sawant	Manager Corporate Affa	All State Conserve Pvt. Ltd.
17	Hemant Chaturvedi	Vice President	Indus Strategy Financial Adv Pvt Ltd
18	Ashish Chaturvedi	Assistant.Vice President	Indus Strategy Financial Adv Pvt Ltd
19	Jagdish Shivraj Shige	Deputy General Manage	TATA Consulting Engineers L
20	Dr. Hafiza Golandaz	Executive Director	International Leadership and Management Alliance
21	Dwijen Vaidya	PGDIM-25	National Institute of Industri Engineering (NITIE)
22	M.K. Chouhan	Chairman	Mahendra & Young Knowled Foundation and Fino Paymen Bank
23	Kunal S. Kuvalekar	Manager	Kochhar & Co.
24	Vikas Raina	Head of the Technologies	Oracle-Startup Ecosystem
25	Mazyar Kotwal	Partner	Moore Stephens Singhi Advis LLP
26	Narendra Jalan	Advisor	Avenir Management
27	Mr. Vijay Srirangan	Director General	Bombay Chamber of Comme & Industry (BCCI)
28	Ms. Usha Maheshwar	Additional Director	Bombay Chamber of Comme & Industry (BCCI)
29	Ms. Aneeha Neeraja Rajan	Assistant Manager	Bombay Chamber of Comme & Industry (BCCI)
30	Ms. Shabnam Siddiqui	Director	CEGET/GCNI
31	Mr. Somnath Singh	Programme Manager	CEGET/GCNI

The Organizers

UN-Global Compact Network India (GCNI)

The Global Compact Network (GCN) India was formed in 2000 and registered as non-profit society in November 2003 to function as the Indian Local Network of the UN Global Compact (UNGC), New York. The Global Compact Network India works towards mainstreaming the ten universally acceptable principles in business activities around the world, catalyzing action in support of broader UN goals. 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 of 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.

Bombay Chambers of Commerce & Industry (BCCI)

Bombay Chamber Of Commerce and Industry is the oldest operating chamber of commerce in India serving Indian commercial organizations for the past 182 years. The Chamber has several thousand members from large, medium and small companies. Members of the Chamber contribute very significantly to the Gross Domestic Product (GDP) of the country. The Managing Committee of the Chamber includes top professionals from industry, banking, and finance. It has its headquarters in Mumbai, the commercial capital of India and home to many, if not most, multinationals, banks and financial institutions in the country, the majority of whom are its members.