

Debriefing Report on Stakeholders Workshop with Cochin Smart Mission Limited (CSML)

Date: Dec 7th 2018

Venue: Govt. Guest House, Ernakulam

The Smart City team from Fraunhofer headed by Mr. Damian Wagner, Senior Project Manager - Smart Cities, Fraunhofer IAO and consisting of experts namely Dr. Thomas Schlegl, Head of Department Energy System Analysis, Fraunhofer ISE, Ms. Marielisa Padilla, Project Manager - Urban Governance Innovation and Ms. Trinidad Lopez, Project Manager - Urban Governance Innovation both from Fraunhofer IAO, Mr. Aditya Fuke, Manager - Electronics and Mr. Sanmati Naik, Manager - Energy (RE) both from Fraunhofer Office India had coordinated a stakeholders workshop with Cochin Smart Mission Ltd. to brainstorm the challenges faced by Kochi and draw out the critical areas of interventions.

The stakeholders' participation from Kochi included representatives of Cochin Smart Mission Ltd., Kochi Municipal Corporation, Kochi Metro Rail Ltd., Greater Cochin Development Authority, Town Planning Department, Kerala State Electricity Board, Kerala Water Authority, Public Works Department, Irrigation Department, and representatives of National Smart City scheme Atal Mission for Rejuvenation and Urban Transformation (AMRUT).



Participants of the Stakeholders Workshop



Mr. Damian Wagner (C) addressing the workshop

The following four areas were identified and discussed at length with respect to major challenges faced, strategic priorities and additional relevant stakeholders to be engaged to develop a detailed feasibility study.

1. Renewable Energy
2. Inclusive Housing Development and Smart Buildings
3. Disaster Management
4. Environmental Protection (Water and Waste Management)



Workshop participants setting up priority to the areas identified



The workshop progressed with specific working group discussions on the above identified areas and priorities were set taking into account the interest of the city and stakeholders.



Dr. Thomas Schlegl presenting the results of the working group on Energy



Presenting the results to Mr. APAM Mohammed Hanish (C)

The results were then presented to Mr. APM Mohammed Hanish, Managing Director, Cochin Smart Mission Ltd. by the moderator of the each working group and next steps with the timelines were discussed for delivering the potential best practices to Kochi.

As a next step, CSML would further support Fraunhofer in data collection and validation. The results of the workshop would be analysed by Fraunhofer experts using the experiences and tools of Morgenstadt Network. Based on the findings, Fraunhofer experts would conduct interviews with the identified stakeholders to develop a preliminary study of the results, which would include project ideas in the above identified topics. This preliminary study would be reviewed by both Cochin Smart Mission Ltd. (CSML) and Federal Ministry for the Environment, Nature Conservation, and Nuclear Safety (BMU) to select strategically important projects to be financed.



Group Photograph with Fraunhofer and CSML Teams



Group Photograph with Workshop Participants

**On-site visits for Fraunhofer Smart City Team organized by Cochin Smart Mission Ltd. (CSML)
Date: Dec 8th 2018**

Following the stakeholders workshop of Dec 7th, CSML had organized on-site visits for Fraunhofer Smart City Team to Kochi Central Business District, low income house clusters, local markets, heritage sites, experience of Kochi MRTS and a visit to Solar Project of Kochi Metro Rail Ltd.



CSML Team explaining the Area Based Development to Fraunhofer Team



Visit to Central Kochi



Visit to low income houses and local market



Visit to local market of Kochi



Visit to Solar Project of KMRL



Visit to KMRL Command Control Centre