

Summary of the National Workshop on “Audit of Smart Cities” organized by International Centre for Environment Audit and Sustainable Development (iCED), Jaipur on 27.12.2021

A Workshop on “Audit of Smart Cities” was organised by International Centre for Environment Audit and Sustainable Development (iCED), Jaipur virtually on 27th December 2021.

The Workshop was inaugurated by Ms. Sayantani Jafa, Director General, iCED. She addressed the participants and stressed upon the relevance and objectives of the workshop. 4 HoD’s and 16 Group Officers from the Indian Audit and Accounts Department (IA&AD) participated in the workshop. List of participants is attached as **Annexure I**.



During the one day workshop various themes related to “Audit of Smart Cities” were covered by four experts as below:

Sr. No.	Session	Trainers
1.	Smart City Mission: Approach and Achievements	Shri Rahul Kapoor, Director (SC-III), Smart Cities Mission (SCM), Ministry of Housing and Urban Affairs, New Delhi
2.	Waste Management in Smart Cities: Framework, Technology and Challenge	Dr. Paramita Datta Dey, Sr. Research Officer and Project Coordinator, National Institute of Urban Affairs (NIUA), New Delhi
3.	Audit of Municipal Solid Waste Management System in Varanasi - A Case Study	Shri Suneel Pandey, Director, Environment and Waste Management Division, The Energy and Resources Institute (TERI), New Delhi
4.	Affordable Housing in Smart Cities: Issues and Challenges	Shri Rumi Aijaz, Senior Fellow, Observer Research Foundation (ORF), New Delhi

Shri Rahul Kapoor gave background of **Smart City Mission (SCM)** and urbanization in India. He explained its components, principles/strategy, duration of programme, states and financial progress and issues being faced. He dwelt in detail on the issue of data and significance of technology for SCM in India with respect to various technological applications.

Dr. Paramita Datta Dey covered the theme ‘**Waste Management in Smart Cities: Framework, Technology and Challenge**’. She discussed the waste management case study of Ambikapur. She underlined the approach with respect to Solid Liquid Resource Management (SLRM), importance of Management Information Systems (MIS), Information, Education & Communication (IEC), people’s initiatives etc. She also discussed various issues related to stages of waste management hierarchy and circular economy.

Shri Suneel Pandey in his presentation on ‘**Audit of Municipal Solid Waste Management System in Varanasi - A Case Study**’, explained audit case study of waste management in Varanasi. His focus was on Nationally Appropriate Mitigation Action (NAMA) assisted projects. The session outlined various ways in which waste can be used into useful products and discussed available technological options. He shared highlights of surveys conducted during his study and discussed issues such as data gaps, garbage vulnerable points, refused derived fuels etc.

During presentation on ‘**Affordable Housing in Smart Cities: Issues and Challenges**’ **Shri Rumi Aijaz** explained change affecting urbanization and various issues connected to housing in urban India.

He discussed contemporary government programmes of urban housing and Smart City Mission and highlighted difficulties in defining ‘Affordable Housing’ and shared latest definition of Affordable Housing. He explained action taken for affordable housing under Smart City Mission and status of completed/nearly completed projects in 28 SCMs. He also explained diversity in urban housing projects, types of houses, categories of population covered with respect to number of cities etc.

Discussions/ Summing-up and valediction

The valedictory session was chaired by Ms. Sayantani Jafa, DG, iCED. During her valedictory remarks, Ms. Jafa said that many pertinent issues related to SCM were discussed by experts in greater details and expected that sharing of experiences and perspectives during the Workshop would aid in audit. She thanked all the experts and participants.

The workshop ended with a vote of thanks delivered by Director (T&R), iCED.

