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**support to the development and implementation of energy**

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Proceedings of the 1st regional workshop to Implement Energy

Conservation Building Code (ECBC) in India

18 May 2018

organized in Pune, Maharashtra



   

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The European Union of SACO Consortium, in collaboration with PwC India

# 1st regional workshop to Implement Energy Conservation Building Code (ECBC) in India

**Place: Hotel Novotel, Nagar Road, Pune**

**Date: 18 May 2018**

**Speakers**

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| **Name** | **Position / Company** |
| Dr. Vipin Sharma | Director General, Maharashtra Energy Development Agency (MEDA) |
| Mr. Saurabh Diddi | Director, Bureau of Energy Efficiency (BEE) |
| Ms. Henriette Faergemann | First Counsellor - Environment, Energy, Climate Change, Delegation of European Union to India |
| Ms. Vaijapurkar | Deputy Director of Town Planning Department |
| Mr. Prashant Badgeri | Deputy Secretary, Energy Department, Government of Maharashtra |
| Mr. Rajeev Ralhan | PwC India |
| Mr. Kevin O’Rourke | European Expert |
| Ms. Smita Kudrikar, MEDA | MEDA |
| Mr. Tarun Garg | PwC India |

## Objective of the workshop

The overall objectives of the workshop were:

Notified states to present the status of ECBC implementation in their states.

To discuss on the status of various policy instruments like integration of ECBC in bye-laws, building approval process and schedule of rates (SOR).

To present an efficient operational mechanism to implement ECBC in the state.

To increase the capacity of various stakeholders and professionals in the states.

To discuss on various market instruments required for the implementation of ECBC.

To present success stories/lessons learnt in various states.

To discuss on challenges/drivers for ECBC implementation.

Maharashtra Energy Development Agency (MEDA), the state designated agency took the lead in organizing this event. The workshop was attended by energy authorities/Urban development departments/Works Department and Discoms from different states such as Gujarat, Rajasthan, Madhya Pradesh, Goa, Daman & Diu, Dadar and Maharashtra. National/International. The key areas discussed during the workshop are Situation/Regulatory assessment for ECBC adoption, ECBC Notification process and role of Energy Management System in its Adoption, Implementation-Governance Structure for ECBC, Design templates and market instrument for ECBC and Capacity building and training process.

## Inaugural session

Dr. Vipin Sharma, Director General, MEDA shared that close to 1000 new commercial connections come up every year in Maharashtra and adoption of ECBC will reduce energy demand of 550 MW by 2030. He shared that Maharashtra has closely worked with Urban Development Departments (UDDs) /Urban Local Bodies (ULBs) in their state to come out with final operating mechanism for ECBC and they plan to put final draft for notification of ECBC on Public domain by 31st May, 2018 to invite public suggestions. Once the code is notified, it will be in voluntary mode for the first six months and after that, it will become mandatory in the state. He informed that MEDA is coming up with a super ECBC net zero energy building which would be model building to be replicated at national and state level. He also highlighted the roles of ULBs and planning departments for enforcement of ECBC. He committed to take possible measures for successful implementation of ECBC; it will be taken up with the due permission of competent authority.

Mr. Saurabh. Diddi, Director, BEE stated that this is the first of its kind initiative in India. He informed that BEE is planning to have more such initiatives to work closely with energy departments and Urban Development Departments (UDD) to take forward ECBC adoption/implementation at national level. He shared that ECBC is the minimum energy standards for new commercial buildings and BEE is motivating buildings to move forward for ECBC Plus and Super ECBC, which is further, more efficient than ECBC.

Ms. Henriette Faergemann, European Union shared that she is quite satisfied with this ECBC movement in India. She shared that this regional collaboration will serve as a platform for all the states to understand ECBC implementation issues and move forward with ECBC adoption/notification. The experiences derived from this can be taken forward for upcoming regional workshops. As a follow up to this regional workshop, the project plans to have some practical tools, webinars, and practical manuals for facilitating the ECBC implementation. These regional workshops would be followed by National Common implementation forum by the end of year 2018, where all states/UDDs will be invited to take forward this agenda.

Smt. Sulekha Vaijapurkar, Deputy Director, Town planning department showed his willingness to participate in the implementation of ECBC and urged all the ULBs across Maharashtra to understand the practical requirements w.r.t rules and regulations for effective implementation of ECBC.

Mr. Rajeev Ralhan, Director, PwC shared that this program intends to address all implementation challenges for ECBC at state level. The program is also promoting UDD/Energy Departments steering group at state level for ECBC implementation.

The technical assistance for this workshop is being provided by BEE through PricewaterhouseCoopers India Private Limited and EXERGIA S.A. (a Greece based consultancy firm).