

BUREAU OF INDIAN STANDARDS

MINUTES

**Sustainability of Built Environment
Sectional Committee CED 58**

: Fifth Meeting

Tuesday, 29 March 2022

: 15.00 h to 17.00 h

**Bureau of Indian Standards, Manak Bhawan, 9 Bahadur Shah Zafar Marg,
New Delhi 110 002.**

Chairman: Prof Monto Mani

Member Secretary: Sinam Hudson Singh
Scientist-D, BIS

Present: Members

Dr B. V. Venkatarama Reddy	IISC, Bengaluru
Prof. Rajan Rawal (Principal Member)	CEPT University, Ahmedabad
Dr. Yashkumar Shukla (Alternate Member)	CEPT University, Ahmedabad
Shri Ankit Jain (Alternate)	CPHEEO, New Delhi
Shri Shubho Chakravarty (Representative)	CMA, Noida
Shri Deepak Bansal (Alternate)	HUDCO, New Delhi
Shri Sanjay Seth (Principal Member)	TERI, New Delhi
Shri Venugopal R (Principal Member)	CCPS, New Delhi
Shri Shailesh Ranjan (Alternate Member)	CCPS, New Delhi
Shri Sarita Balodhi (Representative)	CCPS, New Delhi

Invitee

Prof. Chetan Solanki	IIT Bombay
Shri Swapnil Madhukar Joshi	INFOSYS
Secretary	GRIHA, New Delhi
Prof. N. C. Balaji	NIE, Mysuru
Prof. Aysha S.	College of Engineering Trivandrum

Item 0 Opening Remarks by the Chairman

The Chairman Prof. Monto Mani, extended a warm welcome to all the members of the Committee and appreciated the interest shown by them in the work of the Committee and their contribution to the national standardization effort. He also welcomed and introduced new invitees to the meeting. Despite the obstacles caused by the pandemic, the Chairman appreciated the efforts and the contribution of expert Members of this Committee, for adopting alternative modes of meeting virtually thereby continuing to contribute in formulating Indian standards. The Chairman also made a crisp presentation with the emphasis that in view of the Pandemic and various issues caused by climate change, the approach of built environment has to change from dependence on nature to restoration (planetary systems/vitality/biodiversity) and to integrate ecology into mainstream assessments and perception and revive and revalidate diverse traditional knowhow in the built environment. He also stressed on that it is important to leverage India's diversity in building typologies and climatic zones in drafting the code. He also proposed that the emerging concept of wellness could be a unifying theme to operationalize sustainability in the built environment, and that the code should be easy to understand for all the diverse stakeholders involved, and translate to actionable items without ambiguity. He also referred to the recent whitepaper on 'Transforming India's Built Environment' jointly released by Lawrence Berkeley National Laboratory, Indian Institute of Science and Infosys, which could be a good reference document.

The Chairman expressed the need for forming a number of specific Working Groups for formulating standards on different aspects concerning sustainability of built environment. He stressed the importance of active contribution and regular participation of the members in successfully drafting the code. He was also optimistic that the committee would successfully bring in new organizations/stakeholders with diverse expertise so as to adequately cover the scope of the code. He also stressed the importance of reviewing current codes in this domain globally, including the relevant ISO series, so that moving forward speed could be picked up in drafting the code. With these remarks, he requested the Member Secretary to proceed with the agenda item-wise.

Item 1 CONFIRMATION OF THE MINUTES OF THE LAST MEETING

Since no comments were received with regards the Minutes of the Fourth Meeting of the Sectional Committee CED 58 on Sustainability of Built Environment, held on 22 November 2021 and circulated vide letter no. CED 58/A-2.4 dated 13 January 2022, the Committee considered and confirmed the minutes.

Item 2 SCOPE AND COMPOSITION OF THE COMMITTEE

The Committee noted the present scope of the Committee as given in **Annex 1** the agenda of the meeting. The Chairman further requested the Committee members to recommend the names of persons/organizations/stakeholders whom they are aware of and are working in this area, so that they can be considered for co-option.

Item 3 ISSUES ARISING OUT OF LAST MEETING

Given the fresh perspective on the code on sustainability, and the unprecedented challenges (climate change, environmental disruption/toxicity, ill-health and pandemic), the Committee concurred on renewing the working structure, comprising thematic working groups. The Chairman expressed his view that Sustainability, as such is a diverse subject and there is a need for wider participation from different organizations/expertise. This could effectively cover the scope of the Committee and further requested members to nominate organizations, which they felt would actively participate and contribute in formulation of Indian standards in this area.

Item 4 PROGRAMME OF WORK

The Committee noted the present position of work under CED 58 as given in **Annex 2** of the agenda.

Item 5 INTERNATIONAL STANDARDIZATION

The Committee noted that India is currently 'Observer (O)' member in ISO/TC 59/SC 17 and also noted the information on the work on sustainability in building construction being done by ISO/TC 59/SC 17 'Sustainability in buildings and civil engineering works'.

The Committee also noted the list of ISO standards developed and under development by the above ISO Technical Committees as given at **Annex 3** of the agenda.

The Committee requested all the members review the ISO standards listed in **Annex 3** of the agenda and to take relevant cognizance of these standards while developing the relevant draft Indian Standards.

Item 6 NATIONAL ACTION PLAN FOR STANDARDIZATION

The Committee noted the details regarding BIS' Standards National Action Plan (SNAP) which proposes a set of actions that would enable BIS to fulfill the specified objectives and drive the national standardization work and active participation in international standardization. The Committee also considered the key standardization areas (relating to Civil Engineering Department) identified for future standards development, which are listed in **Annex 4** to the Agenda. The Committee concurred on taking due and relevant cognizance of these standards.

Item 7 RECOMMENDATION OF THE PLANNING & DEVELOPMENT ADVISORY COMMITTEE OF BIS

The Committee noted the information given in the agenda and agreed to take care of environmental aspects (emphatic on societal and planetary wellness) during development of standards, wherever applicable. The committee also requested members to identify the key areas for formulating standards for new products/thematic areas.

Item 8 WORK PLAN OF THE COMMITTEE

The Committee agreed to prepare a work plan for the next three years and decided that this matter may be discussed in the next meeting to ensure substantial progress in the standardization work under the Committee.

Item 9 ANY OTHER BUSINESS

There being no other business to transact, the meeting ended with a hearty vote of thanks.

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