

BUREAU OF INDIAN STANDARDS

AGENDA

Smart Cities Sectional Committee, CED 59 : Fifteenth Meeting
Date : Wednesday, 14 August 2024

Time : 10:30 PM
**Venue : Mimaansa (White Room) BIS HQ,
New Delhi, Delhi, India**

Meeting number : 2512 635 7076
Password : ced59@

Meeting link:

<https://bismanak.webex.com/bismanak/j.php?MTID=m8b9e28db0dd15de0e70b6dc441ae2982>

**CHAIRPERSON (CED 59) : Dr Sudhir Krishna, (IAS Retd.),
In Personal Capacity, Gurugram**

MEMBER SECRETARY : Ms Divya S

ITEM 0 OPENING REMARKS OF CHAIRMAN

ITEM 1 MINUTES OF THE LAST MEETING

1.1 Confirmation of Minutes

The Minutes of the last meeting of Smart Cities Sectional Committee, CED 59 held on 14 August 2024, circulated vide BIS letter no. CED 59/A-2.14 dated 28 August 2024. No comments have been received on these Minutes.

The Committee may **CONFIRM** the minutes as circulated.

ITEM 2 COMPOSITIONS

2.1 The present composition of the Sectional Committee of the members in the last three meetings is given at **Annex 1**. The composition of the Working Group, CED59/WG 01 is given at **Annex 2**.

The Committee may **CONSIDER**.

ITEM 3 NEW SUBJECTS IDENTIFIED

3.1 As per the Annual Action plan for the Committee, identified in the beginning of the year, the following topics are pending with the Committee.

- 1 Climate Neutral and Smart Habitats in Rural and Urban Areas
- 2 Smart transportation for newly-developing areas
- 3 Guidelines on data exchange and sharing for smart community infrastructures
- 4 Smart community infrastructure - Maturity model for assessment and improvement

The Committee may **CONSIDER**

3.2 Indicators for a Walkable City

Dr Sudhir Krishnah has proposed a new standard 'Indicators for a Walkable City' which defines and establishes methodologies for a set of indicators to steer and measure walkability of a city, including the neighbourhoods. It would be applicable for the villages as well. The details submitted by him are as follows:

The Global Walkability Index: Talk the Walk and Walk the Talk 1	Annex 3
Regulations for Enhancing Walkability in Delhi	Annex 4
Indicators for a Walkable City: First Draft for Discussion	Annex 5

The Committee may **DISCUSS**.

Item 4 INTERNATIONAL ACTIVITIES AND HARMONIZATION

4.1 India is a 'P' (Participating) Member in ISO Technical Committee namely, 'ISO/TC/268 Sustainable Cities and Communities' and its Subcommittee 'ISO/TC/268/SC 1 Smart Community Infrastructures' and ISO TC 268/SC 2 'Sustainable cities and communities - Sustainable mobility and transportation'. List of ISO Standards published and under development under this committee and its two sub-committees.

India is a signatory to WTO Agreement on Technical Barriers to Trade (TBT) and has aligned its standards formulation procedures to the 'Code of good practices for preparation, adoption and application of standards'. One of the provisions of the code requires BIS to use international standards wherever they exist as a basis for standards being developed and wherever practicable to do so.

The Committee may **note** the above, the international standards published and the subjects under development in ISO TC 268 and its sub-committees for information and their effective utilization in the standardization work undertaken by the Committee.

It may be noted that, in every meeting of the Sectional Committee it has been requested to all the members to actively participate in the standardization work of ISO/TC 268 and its sub-committee and provide comments on the ballots circulated by BIS Secretariat. It

is required for showing active participation of CED 59 as the National Mirror Committee at ISO level. In addition, as India is regularly voting on various draft International Standards, it would be worthwhile to participate and contribute/influence International Standardization in this area.

The Committee may **NOTE**.

Item 5 MEETING

5.1 Meeting held after the last TC meeting

5.1.1 Meeting of ISO TC ISO/TC 268/SC 1 was held on 16 May 2024. The participation details are as follows:

18 th meeting	16 May 2024	Dr Sudhir Krishna (<i>Leader of the Delegation</i>) Dr Sanjukta Bhaduri Shri Loveleen Garg Ms Divya S
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The minutes of the meeting are attached as **Annex 6**.

The Committee may **NOTE**.

5.1.2 Meeting of ISO TC ISO/TC 268/SC 2 was held on 22 Oct 2024. The participation details are as follows:

7 th meeting	22 Oct 2024	Dr Sudhir Krishna (<i>Leader of the Delegation</i>) Dr Sanjukta Bhaduri Shri Narang N Kishore Shri Loveleen Garg Ms Divya S
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The minutes of the meeting are attached as **Annex 7**.

The Committee may **NOTE**.

5.1.3 Meeting of ISO TC ISO/TC 268 was held on 25 Oct 2024. The participation details are as follows:

17 th meeting	25 Oct 2024	Dr Sudhir Krishna (<i>Leader of the Delegation</i>) Dr Sanjukta Bhaduri Shri Narang N Kishore Shri Loveleen Garg Ms Divya S
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The minutes of the meeting are attached as **Annex 8**.

The Committee may **NOTE**.

5.1.4 ISO/TC268/WG5 (Disaster Risk finance)

Third meeting of ISO/TC268/WG5 (Disaster Risk finance) held on 19 November 2024 and was attended by the **Dr Sudhir Krishna**. The report of the meeting, as submitted by him, is given below:

The third meeting of ISO/TC268/WG5 (Disaster Risk finance) was held on 19 November 2024. He attended the meeting as a nominated expert, virtually. The WG5 is working on the document ISO/CD 37116 Sustainable cities and communities—Disaster risk finance—Principles and general requirements for financing ex-ante investment in risk reduction. The meeting discussed the comments received on the CD version and decided as follows:

- *End of December 2024- prepare the second revision of CD*
- *Conduct WG5 four-week internal consultation of the draft above*
- *asking support for moving to DIS with comments for improvement if any.*
- *If consensus achieved for moving to DIS, submit the draft to CM for DIS ballot after reflecting the comments above.*
- *Discuss the future work items in London in May 2025.*

The ex-ante disaster risk reduction (DRR) finance under this document means the debt instruments (Loan, Bond, and Sovereign loan) that motivate the borrower's ex-ante investment in risk reduction including disaster preparedness. The above-mentioned types of finance can be complemented by other types of finance that are out of scope of this document. The borrower can be a municipality or other agency working in a disaster prone area.

As many Indian cities face the danger of damage to the infrastructure during a natural disaster like earthquake, hurricane etc., this document can provide useful guidelines for raising finances for undertaking measures for disaster preparedness.

The Committee may **NOTE**.

5.2 Upcoming Meeting

5.2.1 ISO/TC 268

The 18th planetary meeting of ISO/TC 268, along with its subcommittees is scheduled from 19th May 2025 to 23 May 2025. The face-to-face meeting at London is being proposed.

The Committee may **DISCUSS** and decide on a tentative delegation.

Item 5 BALLOTS

5.1 Ballots voted after last meeting

Sl. No.	ISO TC	Doc name	Doc Title	Ballot cast date	Ballot
					Approved Abstained Approved with comments Approved and expert nominated
1	ISO/TC 268	ISO/FDIS 37114	Sustainable cities and communities — Appraisal framework for datasets and data processing methods that create urban management information	2024-08-12	Approved with comments
2	ISO/TC 268	ISO 37104:2019	Sustainable cities and communities — Transforming our cities — Guidance for practical local implementation of ISO 37101	2024-04-22	Approved
3	ISO/TC 268	ISO 37122:2019	Sustainable cities and communities — Indicators for smart cities	2024-04-22	Approved
4	ISO/TC 268	Establish Cat. C liaison - WG 1 and PROBONO	Ballot to establish a Category C liaison between ISO/TC 268/WG 1 and PROBONO	2024-09-23	Approved
5	ISO/TC 268	Establish Cat. C liaison - WG 2 and PROBONO	Ballot to establish a Category C liaison between ISO/TC 268/WG 2 and PROBONO	2024-09-23	Approved
6	ISO/TC 268	Establish Cat. C liaison - WG 3 and PROBONO	Ballot to establish a Category C liaison between ISO/TC 268/WG 3 and PROBONO	2024-09-23	Approved

7	ISO/TC 268	Establish Cat. C liaison - WG 4 and PROBONO	Ballot to establish a Category C liaison between ISO/TC 268/WG 4 and PROBONO	2024-09-23	Approved
8	ISO/TC 268	ISO/PWI 37117	Sustainable cities and communities — Requirements and guidance for sustainable goods and services related to harbour cities	2024-10-10	Approved
9	ISO/TC 268	Project Resolution n248 – Creation of ISO/TC 268/WG 6	Project Resolution 248 – Creation of ISO/TC 268/WG 6 Harbour cities services	2024-09-23	Approved
10	ISO/TC 268	ISO/CD 37116	Sustainable cities and communities — Disaster risk finance — Principles and general requirements for financing ex-ante investment in risk reduction	2024-09-23	Approved
11	ISO/TC 268	Review of ISO/TC 268 liaisons	Review of ISO/TC 268 liaisons and liaison representatives – September 2024	2024-10-10	Abstained
12	ISO/TC 268	ISO/TR Case studies for AI applications in smart city	ISO/TR Case studies for AI applications in smart city operating models	2024-11-06	Approved
13	ISO/TC 268/SC 1	Appointment of co-Project Leaders	Appointment of co-Project Leaders	2024-08-22	Approved
14	ISO/TC 268/SC 1	WG 7 Convenor reappointment	WG 7 Convenor reappointment	2024-09-23	Approved

15	ISO/TC 268/SC 1	ISO/CD 37187	Smart community infrastructures — Guidelines on data exchange and sharing of city information modelling platform	2024-10-10	Approved with comments
16	ISO/TC 268/SC 1	Changing title of WG 5 to "Energy aspects"	Changing title of WG 5 to "Energy aspects"	2024-10-22	Approved
17	ISO/TC 268/SC 1	Call for Convenor of WG 5	The National Bodies and the liaisons of TC 268/SC 1 are invited to nominate a candidate for the WG 5 Convenor, with a CV.	2024-11-26	Approved
18	ISO/TC 268/SC 1	Establish an internal liaison with ISO/TC 215	Establish an internal liaison with ISO/TC 215	2024-11-26	Approved
19	ISO/TC 268/SC 1	ISO/DIS 37190	Guidance for practical implementation of ISO 37155 series for supervising at each life cycle phase of smart community infrastructures	2024-11-26	Approved
20	ISO/TC 268/SC 2	ISO/PWI 23098-1	Sustainable mobility and transportation — Mobility monitoring and services by data sharing platform — Part 1: Role model	2024-08-12	Approved with comments
21	ISO/TC 268/SC 2	ISO/PWI 4078-1.2	Sustainable mobility and transportation — Roadside feeding electric road system — Part 1: Service role architecture	2024-08-09	Approved
22	ISO/TC 268/SC 2	ISO/PWI 4078-2	Sustainable mobility and transportation — Roadside feeding electric road system — Part 2: Service and operational concept	2024-08-12	Approved

23	ISO/TC 268/SC 2	ISO/CD 16481	Sustainable mobility and transportation — Digital governance — Strategic needs regarding the ISO 37101 purposes of sustainability	2024-09-09	Approved with comments
24	ISO/TC 268/SC 2	Additional Expert Nominations for PWI 4078-1.2	Additional Expert Nominations for PWI 4078-1.2	2024-09-23	Approved
25	ISO/TC 268/SC 2	Additional Expert Nominations for PWI 4078-2	Additional Expert Nominations for PWI 4078-2	2024-09-23	Approved
26	ISO/TC 268/SC 2	ISO/PWI 23174-1	Sustainable mobility and transportation — Smart operation and maintenance — Part 1: General rules	2024-10-10	Approved with comments
27	ISO/TC 268/SC 2	New PWI proposal_Mobility data framework	New PWI proposal_Mobility data framework	2024-09-23	Approved
28	ISO/TC 268/SC 2	Additional Expert Nominations for PWI 23174-1	Additional Expert Nominations for PWI 23174-1	2024-11-18	Approved with nomination of Shri Narang N Kishore
29	ISO/TC 268/SC 2	ISO 37158:2019	Smart community infrastructures — Smart transportation using battery-powered buses for passenger services	2024-11-28	Approved with Comments

The Committee may **NOTE**.

5.2 The following ballots are currently open under ISO/TC 268, ISO/TC 268/SC 1 and ISO/TC 268/SC 2

Sl. No.	ISO TC	Doc name	Doc name	Due date
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1	ISO/TC 268	ISO/CD 37100	Sustainable cities and communities — Vocabulary	2024-12-14
2	ISO/TC 268	Appointment of ISO/TC 268/SC 2 Chairperson	Appointment of ISO/TC 268/SC 2 Chairperson	2024-12-15
3	ISO/TC 268/SC 1	ISO/NP 37192	Smart community infrastructures --Guidance for the use of ISO/TS 37172:2022	2025-01-10
4	ISO/TC 268/SC 2	ISO/CD 23098-1	Sustainable mobility and transportation — Mobility monitoring and services by data sharing platform — Part 1: Role model	2025-01-09
5	ISO/TC 268/SC 2	ISO/CD 4078-1	Sustainable mobility and transportation — Roadside feeding electric road system — Part 1: Service role architecture	2025-01-09
6	ISO/TC 268/SC 2	ISO/CD 4078-2	Sustainable mobility and transportation — Roadside feeding electric road system — Part 2: Service and operational concept	2025-01-09
7	ISO/TC 268/SC 2	ISO/PWI 23098-3	Sustainable mobility and transportation — Mobility monitoring and services by data sharing platform — Part 3: Regulated Service	2025-02-06
8	ISO/TC 268/SC 2	ISO/PWI 23098-4	Sustainable mobility and transportation — Mobility monitoring and services by data sharing platform — Part 4: Supplement role to regulated services	2025-02-11

Committee may **DISCUSS**.

5.3 Experts Nominated

The following nomination of SCs and WGs are active under ISO/TC 268.

ISO/TC 268/WG 1	Dr Sudhir Krishna
ISO/TC 268/WG 5	Dr Sudhir Krishna
ISO/TC 268/SC1/ WG 6	Dr. Ravi Sinha
ISO/TC 268/SC1/ WG 7	Shri Loveleen Garg
ISO/TC268/SC2/WG1	Ms Prerna Mehta

ISO/TC 268/SC 2/ PWI 23174-1	Shri Narang N Kishore
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The Committee may **NOTE**.

Item 6 PROGRAMME OF WORK

6.1 A list of standards under the Sectional Committee and work in progress is given in **Annex 9** for information.

The Committee may **NOTE**.

Item 7 RESOLUTION

Item 8 ANY OTHER BUSINESS
