

## Seeking Comments/ Feedback for ICT and e-Governance Standards Development Work

Smart Cities are built around communities and we must leverage technology to improve quality of life, economic ability and sustainability. There is also a need to create an environment for inclusivity, foster innovation and implement data driven local governance.

With a renewed focus on Atma Nirbhar Bharat, [National Urban Digital Mission \(NUDM\)](#) was launched by the Ministry for Housing and Urban Affairs (MoHUA) to streamline and coordinate efforts of the urban ecosystem and thus to improve the ease of living for citizens by creating a national urban digital ecosystem that delivers accessible, inclusive, efficient and citizen centric governance in India's 4400 towns and cities.

This can be achieved by developing and incorporating standards, which then act as a catalyst to set benchmarks for on-going and future smart cities developments in India.

The standards are to be developed in a collaborative and consensus-driven approach, in synchronisation with the [National Urban Innovation Stack \(NUIS\)](#) guiding principles of ecosystem-driven approach, interoperability, minimalism, unbundling, evolvable, federated architecture, and extensibility.

In the beginning of this year, the Bureau of Indian Standards (BIS) had released four indigenous standards on ICT Reference Architecture, data exchange and communication reference architecture, in collaboration with Smart Cities Mission, MoHUA.

Additional 07 (Seven) ICT standards are being targeted for release soon. Out of these, 06 nos. of Draft standards are now released for wider consultation which may be accessed on BIS portal at:

[https://www.services.bis.gov.in:8071/php/BIS\\_2.0/dgdashboard/draft/darftdetailcomm/384/3/LITD-28](https://www.services.bis.gov.in:8071/php/BIS_2.0/dgdashboard/draft/darftdetailcomm/384/3/LITD-28).

Details of the draft standards are as follows:

#	IS_No	Title	Wide Circulation date	Last date for submitting comments
1	IS 18003-2:2021	Unified Data Exchange Part 2 API specifications	27 Apr 2021	27 May 2021
2	IS 18008:2021	Smart Cities- GIS Reference Architecture	27 Apr 2021	27 May 2021
3	IS 18006-1	Municipal Governance Reference Architecture	3 May 2021	2 Jun 2021
4	IS 18006-2-1	Municipal Governance Property Tax Taxonomy	3 May 2021	2 Jun 2021
5	IS 18002	Unified Digital Infrastructure Data Layer Reference Architecture	4 May 2021	3 Jun 2021

6	IS 18004-1	Unified Digital Infrastructure: IoT System Reference Architecture	5 May 2021	4 Jun 2021
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We will be happy to receive your views/suggestions/comments on BIS portal by the last date indicated against each of the documents above, as your expertise and knowledge will help us to formulate balanced, neutral, collaborative and consensus-driven standards.

For any queries, please get in touch with Shri Padam Vijay ([padamvijay1@gmail.com](mailto:padamvijay1@gmail.com)) or Ms. Lavanya Nupur ([lnupur@niua.org](mailto:lnupur@niua.org)). You may also reach Shri Manikandan K ([maniyank@bis.gov.in](mailto:maniyank@bis.gov.in))

Warm regards.

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