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If you have any comments or suggestions related to the updates below, please contact us at intsect@standards.org.au.

ISO/IEC Governance and Leadership

Australia holds positions on several key international governance groups, including **ISO's Technical Management Board (TMB)** and **IEC's Standardization Management Board (SMB)**, **Conformity Assessment Board (CAB)** and **Council Board (CB)**. These positions give Australia a voice on the policy, operational and strategic direction of ISO and IEC. Recent developments include:

1. [International Contributors Survey Results](#)

Following the ISO and IEC Consultation Event held on 4th May 2022, survey results have confirmed that meeting time rotation and remote participation remains a top priority issue for Australian contributors. Polled during the event, 65% of participants confirmed that they had attended an international standards meeting between 10pm and 6am local time. Feedback on ISO and IEC includes issues such as the speed of standards creation, the need for better coordination of activities to reduce overlap and duplicated work, and improved diversity in technical, governance and policy groups.

A summary of the results can be found here: [ISO/IEC Consultation Event and Survey](#)

To provide any further feedback or raise issues around your participation in ISO and IEC activities, please contact your project manager or intsect@standards.org.au.

2. [Online Learning for ISO and IEC](#)

A reminder for ISO and IEC contributors that ISO and IEC have added content to their online learning platforms. These modules may be useful to delegates who are actively participating in international projects and attending international meetings. Courses are available to those who have international logins, please contact your project manager or intsect@standards.org.au with any access issues.

ISO Courses: [Link to ISO e-Learning](#)

- Development of International Standards
- Drafting of International Standards
- Building Blocks of the ISO System
- Expert participation in ISO remote meetings

IEC Courses: [Link to IEC Academy](#)

- New Standardisation Expert
- IEC Convenor and Project Leader
- Introduction to IEC Conformity Assessment Systems

3. [International Projects](#)

Building on the last three phases of the [ASEAN-Australia Digital Trade Standards \(ASEAN-AU DTS\)](#) Initiative, Standards Australia will be facilitating the 2022 Fellowship Program. The Fellowship Program will connect emerging digital trade professionals in ASEAN with established mentors. By doing so, we seek to facilitate enhanced knowledge sharing and the use of international standards to further develop the potential of digital trade opportunities within the region.

Applications are now open for leading experts in digital trade and international standardisation to work as a hands-on mentor with selected DTS fellows to develop an action plan that will help solve or develop digital trade opportunities via standardisation.

A detailed information sheet, including application criteria and mentor criteria, is available [here](#).

Applications for the Fellowship Program are open until **14th August 2022**, you can apply to be a mentor [here](#).

If you have any comments or suggestions related to the updates above, please contact us at intsect@standards.org.au.

4. [Australians recognised with IEC 1906 Awards](#)

The IEC has recognised two Australians with the presentation of a 1906 Award. The [1906 Award](#) was created in 2004 by the IEC Executive Committee (ExCo), commemorating the IEC's year of foundation and is used to honour IEC experts around the world, whose work is fundamental to the IEC. The Award also recognises exceptional and recent achievement – a project or other specific contribution – related to the activities of the IEC and which contributes in a significant way to advance the work of the Commission.

The following Australian experts have received awards in 2022:

Mr Ajay Maira	In recognition of his constant support of the IECEx System and active involvement as an IECEx Expert Peer Assessor conducting complex and highly technical peer assessments of Ex Testing Laboratories and Ex Certification Bodies worldwide. Through his diligence and professionalism the international community is assured that Testing Laboratories and Certification accepted into the IECEx scheme are worthy, and that IECEx Test Reports and Certificates maintain their sound reputation for being credible and relied upon by stakeholders across the world.
Mr Ilya Budovsky	In recognition for his contribution to strongly promote the maintenance of IEC 61000-4-7, the creation of IEC TR 61000-4-40 and the consideration of measurement uncertainty in all standards in the scope of IEC TC 77/SC 77A/WG 1. He has provided profound technical contributions in addition to managing tasks inside WG 1. He is highly respected due to his outstanding technical expertise as well as his consensus-oriented and respectful way of cooperation.

ISO Technical Update

1. [Opportunity to review ISO 20700 Guidelines for management consultancy services](#)

[ISO 20700 Guidelines for management consultancy services](#), is undergoing a systematic review to ensure it remains up to date. Standards Australia is seeking input from Australian stakeholders on whether the standard should be revised, reconfirmed, or withdrawn (feedback is requested **by 8th August 2022**).

ISO 20700 provides practical guidelines for the effective delivery of management consultancy service and is based on outcomes and emphasizes the importance of understanding clients' needs. It is useful to all management consultancies, regardless of size, and maintains a focus on innovation, differentiation and ethical behaviour. It is also useful for clients in that it helps them better understand what they can expect from a management consultant in a consultancy project.

Standards Australia will consider all feedback received from stakeholders when forming Australia's position on the systematic review. If you are interested in providing feedback, please send an email to intsect@standards.org.au for more information.

2. [Opportunity to review ISO 20400 Sustainable procurement — Guidance](#)

[ISO 20400 Sustainable procurement — Guidance](#), is undergoing a systematic review to ensure it remains up to date. Standards Australia is seeking input from Australian stakeholders on whether the standard should be revised, reconfirmed, or withdrawn (feedback is requested **by 8th August 2022**).

ISO 20400 provides a benchmark for responsible procurement that meets global consensus and has worldwide recognition. The standard does not replace legislation, but instead provides a baseline for the effective integration of sustainability concerns into the procurement activity and supply chains.

Standards Australia will consider all feedback received from stakeholders when forming Australia's position on the systematic review. If you are interested in providing feedback, please send an email to intsect@standards.org.au for more information.

IEC Technical Update

1. [Member commenting now available on the OSD platform](#)

An updated version of the Online Standards Development ([OSD](#)) platform has now launched. This new version will enable IEC National Committees to use the platform for the collection, consolidation, and submission of their comments to draft standards. The new version also offers enhancements to the user interface.

The OSD member commenting simplifies the process for IEC members to collect and provide feedback during the standards development commenting stages. It aims to enhance collaborative work and consensus building while also increasing efficiency. The platform enhances efficiency and collaboration throughout the process, from the preparation of a standard to its final publication.

The member commenting features on the OSD platform are available for two pilot projects that already are or will soon be at the Committee Draft for comments (CD) stage: [IEC 60512-28-100 ED3](#) prepared by [IEC SC 48B](#), and [IEC TS 62600-200 ED2](#) prepared by [IEC TC 114](#), where Australia is a P-member.

Read more [here](#).

2. [Your input is needed for IEC smart city surveys](#)

Cities are places where people have gathered and created societies, these places may have been close to natural resources or were a convenient stop on a trading route. Cities have evolved over time and today we are seeing these places and communities adapt and change. Two major changes we see are in building greater resilience to climate change, the second is to embrace new technology such as digital transformation.

The [IEC Systems Committee on Smart Cities](#) was formed in 2015, and has taken a system-based approach in developing standards for what is a complex, dynamic environment known as “systems-of-systems”.

The committee created an observatory and research group ([AG 12](#)) which is scanning, tracking and mapping cities as they become more digitally connected to create data-driven insights and more sustainable.

In our first year, we have identified three communities we interact with, with specific questions to each audience as follows: City Mayor and Executives, Smart City Leaders and General Managers, and Smart City standards development committees.

Surveys will close at the end of July. Those that respond will get early access to the findings and if we see interesting outliers in the data, we will reach out to discuss why this may be so with the opportunities to include case studies.

Australia is a P-member of SyC on Smart Cities and James Sankar from AUNC is the Convenor for AG 12.

To read more and access the links to the surveys, click [here](#).

3. [Digital twins and the smart grid](#)

Utilities have been modernising their infrastructure for several years, but the COVID-19 pandemic has accelerated the trend for automation and digitalisation, leading to the multiplication of digital twins.

Digital twins in the energy sector are virtual – and often real-time – representations of the physical grid assets. They can help utility companies improve planning and specifications, operational efficiency, and personnel training. They also offer a way to stress-test important assets and systems in preparation for a wide range of scenarios, including severe weather episodes. Digital twins can also be used to monitor and reduce carbon emissions by design to reach environmental targets.

“The energy sector has been using digital twins for quite some time, across the whole life cycle of physical assets from planning to operation and maintenance. They are applied across different energy domains, from generation of electricity to transmission and distribution. That is why IEC technical committee (TC) 57 set up standardised communication means and associated machine-level semantics for supporting the interoperations of these twins.

Standardisation for digital twins is a top priority for the IEC SyC Smart Energy because it potentially impacts all TCs.

The IEC SyC Smart Energy has recently set up a joint working group with ISO/IEC subcommittee (SC) 41, which prepares global standards for the Internet of Things (IoT) and digital twin. [SC 41](#) is part of the joint technical committee, [JTC 1](#), formed by IEC and [ISO](#) to develop information and communication Technology (ICT) standards for business and consumer applications.

Australia is a P-member of TC 57, SC 41, and SYC Smart Energy.

Read more [here](#).

4. [IEC Academy webinar on "IEC SMART Standards"](#)

IEC members are invited to join the IEC webinar on SMART Standards on 27 September 2022 at 13:00 CEST / 21:00 AEST.

This webinar will provide an introduction of the SMART Standards programme to the IEC community. Attendees will learn what the SMART Standards Concept is, what the expected benefits are to Technical Committees and to National Committees, and which governance the IEC has put in place to achieve these objectives.

The Chair of the Australian National Committee, Dr Ian Oppermann, will be giving an Introduction to IEC SMART Standards.

Other agenda items include; What the SMART Standards Concept is and how it will benefit standards developers and users (Ralph Sporer), What the benefits are of SMART Standards to IEC members (Oliver Hateley), Wrap up and Q&A.

Register for the webinar [here](#).