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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. [AU to continue representation on IEC SMB](#)

Australia will continue its representation on the IEC Standardization Management Board (SMB).

Following the call for nominations on April 2022, the General Assembly informed the nomination of three candidates for a three-year term (2023-2025) on the SMB. Clare Hobern, Senior Manager, International Engagement at Standards Australia will continue with the great work that current Member Kareen Riley-Takos and Alternate Beer Opatsuwan have been doing on the SMB.

Clare is very well positioned to take on this role given her substantial working knowledge and experience acting as a primary contact point for Australian engagement at the IEC. She has been providing support to Australian representatives in IEC Governance Bodies: SMB, CAB, and Council Board – including support to Kareen's membership of SMB.

Three countries confirmed their nomination to the Board for the three positions available. Mexico and Sweden were also nominated for the 2023-2025 term.

Official confirmation will occur during the IEC General Assembly on 4th November 2022. Mike Wood (Chair of TE-007 and IEC/TC 106) will be the Alternate that will support Clare in the role.

2. [Revision of Travel Subsidies for Australian Delegates Attending ISO and IEC Meetings](#)

Every year around 600 delegates represent Australian mirror committees at ISO and IEC international technical committee and working group meetings. Prior to the COVID-19 pandemic approximately two-thirds of these delegates were provided a subsidy to assist with their costs in attending the meeting. The subsidies are provided by the Department of Industry, Science, Energy and Resources (DISER), as part of the Support for Industry Services Organisation (SISO) Programme and are administered by Standards Australia.

For Australia to actively participate and therefore influence the direction and content of standards in a given area, attendance at meetings is vitally important. A set amount of funding is allocated to delegates based on location of the meeting, the number of days attending and the numbers of Australian delegates attending. A review of the subsidies was timely as the last review was completed in 2017 and the global COVID-19 pandemic has influenced travel costs.

As a result of the review modifications have been made to the subsidy levels and the updated funding levels came into effect for travel occurring after 1 May 2022. The new amounts are set out in the [Guide to nomination and funding application process for international meetings](#) (GU 509). There will also be an additional provision of subsidy to assist with pre-travel COVID testing costs. As travel costs are likely to fluctuate over the coming year a further review will be undertaken of the subsidies at the end of 2022.

For more information, please contact the International team international.participation@standards.org.au.

3. [Mid-year ISO and IEC Governance Meetings](#)

During the fortnight of 6 - 17 June 2022 a series of ISO and IEC Governance meetings were held. Standards Australia is currently well represented across ISO and IEC governance forums and took an active part in the recent meetings.

The [IEC Standardization Management Board \(IEC/SMB\)](#) covered a range of topics at their meeting, of note was the following:

- Work underway on ad-hoc group on Product carbon footprint data for the electrotechnical sector (AHG 94), noting the group will provide a final report at SMB meeting in October 2022.
- A Strategic Group on Digital Transformation and Systems Approach (SG 12) has established an Implementation Group to speed up the piloting and development of the SG 12 concepts.
- A new PC on Cold storage equipment for medical use was approved, with a recommendation to hold a web conference with interested TC/SC/SyCs prior to the circulation of the proposal for formal approval by the IEC National Committees.
- Numbers of new work item proposals were increasing and average development time of standards decreasing.
- Update from the Systems Committee on Smart Cities who had initiated new scouting and outreach initiatives. A two-year extension of the IEC/ISO/ITU Joint Smart Cities Task Force and the holding of a fourth World Smart City Forum event in 2023 was also supported by the SMB.

The [ISO Technical Management Board \(ISO/TMB\)](#), the equivalent at ISO to the IEC/SMB also covered a range of topics at their meeting, including the following:

- ISO/TMB's Work Programme for 2023.
- Approval of recommendations of the Strategic Advisory Group on Critical Minerals including an extended mandate for the next 12 months for additional activities.
- Report on activities by the ISO/IEC Joint Strategic Advisory Group on gender responsive standards, which included approved work to update the ISO/IEC Directives including guidance on inclusive terminology.
- Activities related to Quantum Technologies and ISO/TMB's preference to work jointly with IEC in this area.
- Technical committee scope and leadership matters related to ISO/TC 67 on Oil and Gas and ISO/TC 158 Analysis of gases.
- Establishment of a new Technical Committee on Heat supply network.
- Operational matters including reviewing dashboard for ISO Technical work and survey results on Hybrid and Face-to-face meetings.
- Standardization Road mapping pilot.

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

ISO Technical Update

1. Smart distribution in logistics: New Field of Technical Activity

A proposal for a new field of technical activity and to establish a new ISO Technical Committee on *Smart distribution in logistics* has been submitted by SAC (China). Standards Australia invites stakeholders to share their views on the proposal to help inform the Australian position (feedback is requested **by 1 July 2022**).

The scope of the proposed new technical committee is to standardise services, techniques application and management in the field of distribution in logistics, specifically including the process of distributing goods from manufacturer or distributor to regional hub, distribution centres, and ultimately to businesses such as urban retailers, and to improve the quality, safety and efficiency of distribution operations, and to enhance the stability, flexibility and sustainability of distribution in logistics.

The scope will include, but is not limited to:

- Development of general requirement, framework, metrics, guidance, performance indicator, evaluation for smart distribution in logistics, etc.
- Provision of service assurance for smart distribution in logistics (e.g. smart operation of distribution centre, freight fleet management, education and training for operators, etc.)
- Operation, service and synergy optimization of distribution in logistics (e.g. order processing, cargo consolidation, sorting, picking, storage, repackaging and protective handling, loading, unloading, capacity allocation, shipping, distribution, other customized services, etc.)

The proposal does not apply to the fields that are covered by the scope of:

- ISO/TC 22 Road vehicles
- ISO/TC 34 Food products
- ISO/TC122 Packaging
- ISO/TC 204 Intelligent transport systems
- ISO/TC 268 Sustainable cities and communities
- ISO/TC 315 Cold chain logistics
- ISO/TC 321 Transaction assurance in E-commerce

To provide feedback or learn more about the proposal, please contact us at intsect@standards.org.au.

2. Online catering services: New Field of Technical Activity

A proposal for a new field of technical activity and to establish a new ISO Technical Committee on *Online catering services*, has been submitted by SAC (China). Standards Australia invites stakeholders to share their views on the proposal to help inform the Australian position (feedback is requested **by 6 July 2022**).

The scope of the proposal is focused on Standardisation in the field of online catering services. The scope will include, but is not limited to:

- Vocabulary, principles, and framework of online catering service

- Guidelines for service of online catering service providers, including physical restaurants, virtual kitchens/virtual restaurants
- Contents and methods of meal display and information description on online catering service website/App, and accessible online ordering
- Operation management of online catering service providers, including purchasing and inventory, marketing
- Monitoring, evaluation, and improvement of service

The proposal does not apply to the fields that are covered by the scope of:

- ISO/TC 34/SC 17 (food safety management)
- ISO/TC 122 (Packaging)
- ISO/TC 228/WG 16 (Tourism and related services - Restaurants)
- ISO/TC 268/SC 2 (Sustainable cities and communities - Sustainable mobility and transportation)
- ISO/TC 290 (Online reputation)
- ISO/TC 315 (Cold chain logistics)
- ISO/TC 326 (Machinery intended for use with foodstuffs)

To provide feedback or learn more about the proposal, please contact us at intsect@standards.org.au.

3. [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 8 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.

4. [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 8 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. [Designing the standards that cities need](#)

In the IEC, we are proud of our work to enable electricity to be generated, distributed, and used safely and efficiently around the world and to support the move to net zero. We also have an important role in standardising the electronics that are the foundation of so much of modern life.

Electricity and electronics are only of value because of what they enable. They are fundamental requirements of almost all of the systems which support the needs of people and cities, but they would be useless without quality management processes, effective use of data and the contribution of many other specialist technologies.

This is why the IEC set up the [Systems Committee on Smart Cities](#) in 2016, where Australia is a P-member.

To develop guidance for standards committees and city stakeholders in general, the IEC set up a Joint Working Group with other international standards organisations to develop a common Smart City Reference Architecture to help identify commonalities between cities. They are also developing definitions of key terms and conceptual frameworks to enable a common understanding among standards committees, and city stakeholders.

Read more [here](#).

2. [Ready to join the 2022 IEC YP Programme?](#)

Preparations are underway for the upcoming [IEC Young Professionals \(YP\) workshop](#) taking place from 31 October to 4 November in San Francisco, USA. The YP workshop, which is organized alongside the IEC General Meeting, will welcome a new group of professionals into the YP Programme as well as into the larger IEC community.

Through the IEC YP workshop, participants will experience the IEC in action. Young Professionals will be introduced into the field of international standardization and conformity assessment where they will network with experts who help shape the rules and best practices governing the safety, performance, and reliability of technology.

Australia has a strong history in the YP programme and has sent Young Professionals to participate every year since its launch, about 10 years ago – many of our past YPs have gone on to become IEC Chairs and hold governance positions in the IEC.

Applications for the 2022 IEC Young Professionals Programme can be submitted to Standards Australia. For more information, see our [website](#).

Read more [here](#).

3. [SC 42 plenary: bringing stakeholders together to address the challenges of artificial intelligence](#)

The recent plenary meeting of [SC 42](#), the ISO/IEC artificial intelligence committee, offered many highlights. On the agenda was an overview of current work, which is focusing on topics as diverse as AI governance, algorithms, and the ethics of AI, among others.

During the event, it was announced the launch of a series of workshops aimed at creating an evolving roadmap for collaboration between a broad range of stakeholders. The ISO/IEC AI Workshops will explore the AI ecosystem from a diverse and broad set of perspectives.

The inaugural workshop, which took place on 24 and 25 May, concentrated on emerging trends, technology, requirements, and applications, as well as the critical role that international standards play in enabling innovation and responsible adoption.

Australia is a P-member of ISO/IEC JTC 1/SC 42 and will be hosting the 10th Plenary meeting in October 2022.

Read more [here](#).

4. [Hydrogen is in the air](#)

According to some estimates, prior to the COVID-19 pandemic, the aviation sector was responsible for about 2% of the world's annual carbon dioxide emissions. On its current fast-paced growth trajectory, some predict that the amount of CO₂ from airplanes could triple by 2050, if nothing changes.

At the recent United Nations Climate Summit in Glasgow, some of the biggest airlines signed a pact to decrease greenhouse gas emissions. In the medium-to long term, these carriers are vowing to move to net zero carbon emissions. One of the options to reach zero emissions is hydrogen.

One of the major European aircraft and airspace manufacturers bets on a hybrid-hydrogen concept using both hydrogen as a fuel and electricity produced by fuel cells.

[IEC 62282-8-201](#) concerns energy storage systems using fuel cell modules in reverse modes. It establishes performance indicators and test procedures of power-to-power energy storage systems using hydrogen. IEC 62282-8-201 was developed by IEC TC 105, where Australia is a P-member.

Read more [here](#).