

The ISO/TC 59 secretariat is pleased to present the twenty-first newsletter of ISO/TC 59, giving a brief indication of current or recent affairs in our committee. The newsletter is distributed twice a year. Feel free to use this as a forum to inform others of your work or draw attention to areas you would like to highlight with relevance to ISO/TC 59. Please send your contributions to the ISO/TC 59 Committee Manager at hsj@standard.no.



Chair's corner

Dear friends of ISO TC 59,

Despite the Covid-pandemic the last 2 years, the worlds construction industry has largely managed to keep up the activity on high levels. However, higher prices on raw materials, energy and transport have led to increased building cost in couple of years.

Now we see that interest rates are raising in many countries, and there are concerns for the market development in 2023.

Even though many countries will face a tougher construction market in the next year, it can lead to new opportunities for standardisation. Like a wise man once said; *"Never let a good crisis go to waste"*

The construction sector is highly energy-demanding and carbon-intensive, accounting for about 40% of global CO2 emissions. Development of new standards can drive the construction market to become more energy-efficient and to develop materials that emit less CO2.

Digital technologies are changing the way we plan, build, maintain and reuse buildings, materials, and infrastructure. There is therefore a great need to coordinate the necessary joint activities in digitalization. Standardization is a prerequisite for both digitalization, the circular economy and smarter construction.

I hope 2023 will be the year that we once again can meet in person for working group meetings, and that we can continue to develop new and useful standards for the future in ISO TC 59.

I wish you all a happy and prosperous new year.

Best regards,
Jøns Sjøgren
TC 59 Chair
CEO Construction Products Norway

Reappointment of Chairs in SC 14 and SC 15

TC 59 supported Michael Lacasse as SC 14 «Design life" Chair for another 3 years, from 2023 to 2025.

TC 59 the Chair of SC 15 "Framework for the description of houses", Satoshi Kose, for another term from 2023 to end 2025.

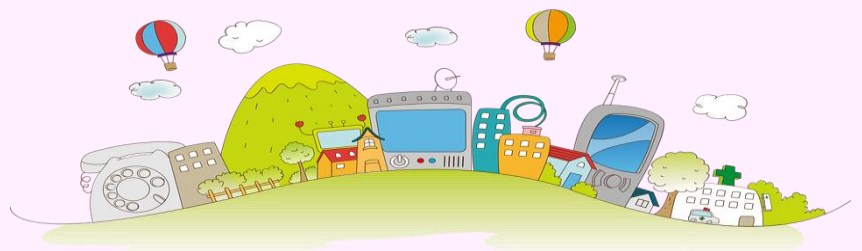


Photo: Pixabay.com

News from SC2 "Terminology and harmonization of languages"

Newsletter No 20 described how SC2 was working on a revision of ISO 6707-3, Buildings and civil engineering works – Vocabulary, Part 3: Sustainability terms. This was said to be unusual in that the new edition was to contain both English and Russian texts in a single volume as had been done with ISO 6707-1.

SC2 is glad to say this has now been published. It was the work of a Joint Working Group with members drawn from both SC2 and SC17.

Working on the two languages in parallel proved to be a challenging task but the Joint Working group was fortunate in having Marina Kupriyanova as a Russian speaking project leader.

Anna Rossi of ISO/CS helped resolve the difficulties with the inner workings of ISO Secretariat. It is hoped that having the benefits of inputs from all sides will ensure that the product is of value to a wide audience.

By Mike Roberts. SC2 Committee Manager



Photo: Pixabay.com

Plenary meeting on TC 59 completed.

The Peruvian member body, INACAL, kindly invited us to Lima. The meetings in Lima were planned as hybrid meetings, but the still ongoing pandemic unfortunately made face to face meetings difficult.

TC 59 supported AG 1 "Advisory Group" in that machine-readable standards shall remain a key issue in the committee and that TC 59 should continue to follow the ISO/IEC SMART programme and contribute as appropriate through testing, participation, and feedback.

Considering the developments on the topic covered since the establishment of AG 2 "Climate change adaptation", with ISO's approval of the London Declaration to combat climate change through standards, and the expectations that the work of the ISO/TMB Coordination Committee on Climate Change (CCCC) will shape procedures and guidelines for all committees in ISO, TC 59 resolved to disband AG 2 and await further top-level communications and guidance from ISO and TMB/CCCC on how to deal with climate change adaptation. The AG 2 leadership and members were thanked for their work.

Based on the liaison review, TC 59 resolved to discontinue its liaison to CEN/TC 325 "Crime prevention through building, facility and area design. TC 59 resolved to establish a liaison to ISO/TC 292 "Security and resilience" and a call for a Liaison Representative(s) will be launched shortly.

We do hope as many of you as possible will be able to travel to the next plenary meeting which is planned in October/November 2024, as we are very much looking forward to meeting face to face again.

Introducing ISO19650 Part 4: Information Exchange

In October 2022 SC 13 officially launched the 'final piece of the jigsaw' in the suite of international standards to facilitate collaborative BIM: ISO 19650-4. The ISO 19650 series aims to make collaborative information management and BIM best practice for both projects and asset management.

ISO 19650 Parts 1-3 require the sharing of project and asset information as part of collaborative processes. In essence, they set the governance and strategy around the execution of both the delivery phase and operational phase of information management.

ISO 19650-4 complements Parts 1-3 and 5 by providing the explicit process and criteria for an individual information exchange. The intention is to secure the benefits arising from collaborative and interoperable BIM and choosing 'open' schemas and data formats and conventions. Ensuring that information is as accessible and consistent as possible is the crucial ingredient in securing value for all participants. The standard applies to each individual information exchange in project and asset management and establishes a common list of criteria which must be met if the value of the overall information model is to be preserved.

Nicholas Nisbet was the technical lead for the development of ISO19650 Part 4. He is active in ISO, British Standards Institute and buildingSMART. He is working with the UK government on reinvigorating and expanding the BIM / Information Management Mandate and helping implement interoperability as business as usual. Nick Nisbet describes part 4 with these words:

"The standard puts in place the rules and criteria for checking information exchanges, so as to end up with a trustworthy information model."Part 4 secures the benefits arising from collaborative and interoperable building information modelling"

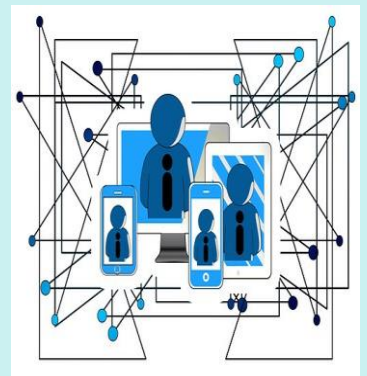


Photo: Pixabay.com

Published since the previous newsletter (June 2022)

ISO 12006-3:2022, *Building construction — Organization of information about construction works — Part 3: Framework for object-oriented information* (SC 13)

ISO 19650-4:2022 *Organization and digitization of information about buildings and civil engineering works, including building information modelling (BIM) — Information management using building information modelling — Part 4: Information exchange* (SC 13)

ISO 29481-3:2022, *Building information models — Information delivery manual — Part 3: Data schema* (SC13)

ISO 6707-3:2022, *Buildings and civil engineering works — Vocabulary — Part 3: Sustainability terms* (SC 2)

[ISO/TC 59 Buildings and civil engineering works](#) – see also [the committee's website](#)

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