Chairman's corner

ISO/TC 59 can now look back at a great week in Tokyo. Thanks to all of you who attended and all of you who made the event possible. We spent parts of the week together with buildingSMART International, and our goal with this approach was to look at the possibilities for future collaboration. We might have been a bit too optimistic in terms of all the things we wanted to do in just a short week, but this is something we will take into consideration for our next plenary event in 2 years.

Our work on developing fundamental standards will be increasingly important in the years to come, and so we need more people who are willing to spend time on standards development in ISO/TC 59.

With TCs that cover different areas of the construction sector, but sometimes touch upon the same aspects, perhaps ISO could be challenged to gather all these TC chairs and secretaries to ensure that we do not do the same work twice. Terminology, environment, and sustainability are examples of areas we could look into.

The Chairman's Advisory Group will be meeting next autumn, hopefully in Germany. Then we will discuss the further development of the work in ISO/TC 59. If you have any thoughts on the matter, please feel free to make contact.

Kind regards, Per Jæger

Joint workshop on GIS-BIM

In connection with the SMART Geospatial Expo 2012 in Seoul, Korea, on 10–12 October, the ISO/TC 211 Ad hoc group on GIS-BIM together with the Ministry of Land, Transport and Maritime Affairs of the Republic of Korea organised a joint workshop on GIS-BIM with the title *The Challenge of GIS-BIM Standardization for Ubiquitous Public Access*. The event involved experts from ISO/TC 211 Geographic Information/Geomatics, ISO/TC 59/SC 13 Organization of information about construction works, buildingSMART International and the Open Geospatial Consortium (OGC). The aim of the workshop was to improve the collaboration between Geospatial Information Systems (GIS) and Building Information Modeling (BIM) for developing a framework for interoperability across the lifecycle of building and infrastructure investment involving design, construction, operation and decommissioning. Combining geospatial data with data available in a BIM model will give new possibilities when it comes to urban planning, infrastructure, responding to disaster scenarios, etc. The OGC has already worked for many years to integrate information resources and work flow from the world of Architecture Engineering and construction with the world of Geospatial Web Services. The workshop in Seoul was a continuation of their work for development and implementation of open standards for geospatial content and services, GIS data processing and data sharing. SC 13 is positive to the establishment of the ad hoc group involving experts from all four parties, and invites its members to contribute experts.

Cross-over work

SC 17 Sustainability in buildings and civil engineering works will now establish a Joint Working Group with SC 2 Vocabulary and harmonization of languages. The JWG will be entrusted with the responsibility of establishing standard vocabulary on sustainability in buildings and civil engineering works within a new part of ISO 6707, *Building and civil engineering – Vocabulary on the basis of SC 17/WG 1's ISO/TR 21932, Building construction – Sustainability in building construction – Terminology*. SC 2 will have the administrative responsibility for developing the project, i.e. they will handle all stages leading to final publication and conduct subsequent maintenance.
News from our SCs and liaisons


SC 8 has established three new working groups. WG 13 "Sealants for pedestrian walkways" will be addressing all aspects of performance needs for pedestrian walkway sealants. One such aspect concerns weathering. Pedestrian walkway sealants are subjected to more weathering than facade vertical sealants and therefore require a standard of their own, with test methods that can be easily incorporated in a specification.

WG 18 "Surface preparations for samples in glass and/or anodized aluminium" will be working on an amendment to ISO 13640:1999, Building construction – Specifications for test substrates.

WG 19 "Paintability and paint compatibility of sealants (including coatings and coated sealants)" addresses the compatibility between sealants placed onto existing coatings as well as coatings being placed onto existing sealants. This WG will review available data from initial screening tests as well as national data on testing of sealants for compatibility with paint and coating systems with a view to developing a standardised test method that can be used to confirm statements regarding the over-paintability of a sealant.

SC 14 currently has 5 active work items: data for service life data, life cycle costing, condition assessment and feedback, terminology, and performance audits and reviews. WG 5 "Terminology" has developed ISO/WG TR 15686-11, Buildings and civil engineering works – Service Life Planning – Part 11: A review of terminology, which will be ready for publication as a Technical Report shortly:

"As part of ISO 15686, this Technical Report compiles a complete set of the specific terms and definitions of concepts that have been applied and standardized in the documents developed to date under ISO/TC 59/SC 14 related to design life and service life planning in buildings and other types of construction works. [...] As a résumé of terms and definitions in this domain, this Technical Report provides a resource for any future standardization in a general vocabulary. It is expected that the information contained within this Technical Report may be given further consideration within ISO TC 59 Subcommittee 2 on Terminology and harmonization of languages for possible inclusion in a part of the ISO 6707 series."

[Adapted from ISO/WG TR 15686-11]

SC 15 has resolved to change its name to "Performance description of houses", as this reflects the scope and work of this subcommittee more precisely. The subcommittee has also resolved to reconvene its WG 1 to revise Part 1: Structural safety, Part 2: Structural serviceability and Part 3: Structural durability of ISO 15928, Houses – Description of performance. Part 5 of the standard, on Operating Energy, has now been finalised for publication, and WG 6 continues its work on Part 6 on Sustainability after having limited the scope to Environmental factors. The development of a part on performance in respect of wild fire resistance is to be investigated.

SC 17’s WG 4 "Environmental performance of buildings" is considering the development of a new standard: building carbon emission benchmarking protocol for energy retrofitting. Such a standard will complement the carbon metrics currently being developed in WG 4 and provide figures on carbon emission from energy use before and after retrofit. The standard will go beyond scenarios for the use stage and deal with management issues. The adoption of a PWI is currently being investigated. Another project in SC 17/WG 4 is ISO/CD 16745-1, Environmental performance of a building – Carbon metric of a building – Part 1: Use stage, which is expected to go to DIS ballot by the end of 2013 at the latest. The next meeting of SC 17/WG 4 is scheduled to be in Berlin on 7–8 January 2013.

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ISO 6927:2012, Buildings and civil engineering works – Sealants – Vocabulary (SC 8)

If you have ideas or contributions to the next newsletter, please make contact!