

Who are buildingSMART and what are we doing?

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Abstract

The key issue in the construction sector is the lack of interoperability, the ability to share information, from the inception of a project to when the users occupy the new facility.

buildingSMART (previously called the International Alliance for Interoperability is an international organisation that developed an internationally adopted open standard for the sharing of building information called IFC, that supports the many participants in the process, over the complete life cycle.

MBIE are looking to include BIM (Building Information Management) in their National Online Consenting System requirements stated their intention to bring BIM into the consenting process and their preference is to adopt internationally accepted standards. As IFC is the only standard for this, it is likely to form part of future MBIE initiatives at some stage.

buildingSMART Australasia member, Nick Clements, will present the background of IFC and buildingSMART and discuss the current initiatives of the chapter. These include:

- Review and recommendation of classification systems
- Development of an Australasian Product Data Dictionary
- The development of a National BIM Library
- The National BIM Initiative in Australia

Understand how governments around the world are starting to mandate the use of BIM and IFC on government projects.

MBIE seem to be following using the UK BIM strategy as a template so Nick will present an outline of this and provide feedback on how this is progressing.

The need for change is urgent. The construction industry has a record of inadequate quality - in terms of product, processes or value for money. With the lowest rate of IT technology take up and a large number of small businesses, the result is an industry without clear direction and a consequent lack of innovation that other comparable sectors such as manufacturing take for granted.

References

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