

1. Priorities for 2017

1.1. Facilitate Industry Working Groups

- Infrastructure Working Group.
- Facilities Management Working Group
- BIM Object Standards Working Group

1.2. ISCA (Infrastructure Sustainability Council of Australia) and bSA MOU

bSA and ISCA have joined forces to improve Sustainable Infrastructure reporting. ISCA is reviewing its current rating tool to a) Recognise and reward the use of BIM / Digital Engineering on infrastructure projects, and b) Allow infrastructure projects to reduce the cost of complying with the ISCA rating scheme by using BIM / Digital Engineering processes. bSA will be working with ISCA to achieve these two aims.

1.3. Planned Workshop Series – “IFC for Productivity”

Targeted at assisting industry to understand and make better use of IFC and related standards. It is intended to provide both high-level knowledge directed at clients and owners, as well as hands-on workshops that address specific issues related to information exchange and interoperability issues using specific proprietary software.

1.4. Development of a BIM Practitioner Recognition Scheme (BIMcreds)

An automated online assessment of BIM practitioner knowledge. It will generate proof of expert knowledge (certificate), accumulate CPD points and allow the practitioner use of the bSA logo. The development will take cognisance of the work done by the APCC on the development of BIM learning competencies.

1.5. Precinct Information Modeling (PIM)

Development of a comprehensive 3D digital database model of a precinct. It contains all the Information needed to support planning, design, development, construction, management, operation, use and retro-fitting of urban precincts. PIM provides a definitive repository of information at all stages in precinct design and management based on open standards.

1.6. Extend Industry Collaborations

Austroads

Joint WG to review AR Data Harmonisation Project and compare IFC terminology such as Nordic Real Life Object Mapping (RLOM) project.

Transport for NSW

Sharing expertise and insights in the development of their BIM strategy. Contributing to and learning from their work on asset classification and its alignment to the IFC spatial hierarchy other classification standards, specifically Uniclass.

South East Water, Victoria

Review of current spatial information management system and development of a vision for a next generation platform to best meet changing business demands.

3D Queensland

3D Qld Road Map is envisioned as an authorised, federated, secure, digital 3D model (of the natural and built environment), based on open standards with high positional certainty.

1.7. Participation in buildingSMART International Projects

bSI Committee Representation

bSA is represented on the bSI Standards Committee, responsible for approving BIM Standards and other key deliverables.

Model Setup IDM project (scheduled completion: mid 2017)

bSA is convenor for this international project (15 active members, 40 observers) with the goal to develop a Model View Definition (MVD) for the setting up of a shared, multi-disciplinary model by a map referenced, template file defining location, origin, spatial set-out of site, building & storey settings. Scientific paper on relationship between Map Systems and Local Cartesian Coordinates completed, for both single built assets and linear infrastructure projects, and a process model for use cases in draft form.

Infrastructure Overall Architecture project (scheduled completion: mid 2017)

bSA is represented on the Project Team to develop the core IFC extensions required for linear transport infrastructure, plus guidelines to inform the on-going development of domain IFC extensions for Road, Railways, Bridges and Tunnels.

Infrastructure Alignment Deployment project (scheduled completion: mid 2017)

bSA member 12D Systems is leading an Australian team to implement and test the proposed IFC extension to represent alignment, a critical positioning element for all forms of linear infrastructure. This work is being done in collaboration with RMS, Qld and mirrors similar projects in Europe, China and France.

bsDD (buildingSMART Data Dictionary) International Pilot Team

A group of Australian and New Zealand bSA members meet on a weekly basis online with representatives of the bsDD project team to contribute to the application of the bsDD, specifically in the support of Object Type Libraries, quality management of bsDD content and guidelines for preparation of content.

1.8. Input into Australasian BIM Advisory Board (ABAB) - Collaboration with APCC, ACIF & NATSPEC

Link industry resources and digital modelling expertise so there is alignment with organisations that are already actively progressing the development of necessary BIM standards, protocols and guidelines, and foster an environment of open collaboration, communication, exchange and maintain connectivity with appropriate local, regional and international stakeholders. Standards Australia, NATSPEC and BuildingSMART form a Technical Executive Committee, that reports to and assists the Board to execute projects and activities.

2. bSA Board Members

Anthony Butler	Director/Chair	CIMIC
Chris Penn	Director/Deputy Chair	Norman Disney & Young
Jim Plume	Director/Company Secretary	University of New South Wales
John Mitchell	Director	CQR Pty Ltd
Don Cameron	Director	John Holland Constructions
Rolf Huber	Director	Masterspec – Construction Information
David Mitchell	Director	QAx Technologies
Mike Roberts	Director	CIMIC

For more information about **buildingSMART Australasia**, see:

<http://buildingSMART.org.au>