

Minutes for the BIM Acceleration Committee

Wednesday, 29 November 2016, 3:00pm – 5:00pm

Agenda Item #	Agenda Item
1	Launch of revised BIM handbook, EBOSS BIM survey and presentation by Chris Needham at BIM networks
2	Continuity of BIM Acceleration
3	Government as a client
4	Training <ul style="list-style-type: none"> ▪ Industry training ▪ BIM sandpit ▪ Tertiary education
5	BIM brand cause
6	Better Business Case for the development of metadata standards

1. Launch of revised BIM handbook, EBOSS BIM survey and presentation by Chris Needham at BIM networks

The revised BIM handbook and EBOSS BIM use survey were launched at BIM network functions in Christchurch, Wellington and Auckland between 22 and 24 November.

Revised BIM handbook

The second edition of the New Zealand BIM Handbook and its appendices are now available at www.biminnz.co.nz/bim-tools/. This edition expands on the first in 2014 to help unlock BIM's benefits for better building process and performance.

It builds on the significant increased use and understanding of BIM in New Zealand since the first edition. It reflects progress made by the committee and industry activities, in particular NZ-ising the BRE BIM training courses and subsequent BIM101 workshops.

The Committee extended thanks to all those involved for their efforts in revising the BIM handbook, particularly Steve Davis, Gemma Collins, Glenn Jowett, Mel Tristram and Jon Williams.

EBOSS BIM survey

The third annual EBOSS BIM survey can also be accessed through www.biminnz.co.nz/bim-tools/.

The survey found that the proportion of projects using BIM continues to increase with projections it will continue in 2017. The percentage of projects using BIM by the industry control group increased from 35% in 2014, 45% in 2015, to 55% in 2016, with 63% expected in 2017.

Matt Duder, EBOSS, reported good participation by the newly added clients group who will be surveyed for the next few years alongside the industry control group.

Matt asked additional questions at the network events and noted there was notably less enthusiasm for Government mandating BIM at the network events than was reported in the survey.

The Committee extended thanks to EBOSS for their continued sponsorship of this annual survey and to the control groups for their contributions enabling the measurement and tracking of BIM use in NZ.

2. Continuity of BIM Acceleration

The Committee identified four areas for further work over the next three years to accelerate the use of BIM and deliver the expected benefits from better building processes using BIM:

1. Avoiding a digital divide¹ within the sector by ensuring industry's capability to adopt BIM, ensuring that its use extends beyond the largest firms, the design and construction phases of a buildings life to include more trade related training and extending into the needs of asset and facilities management
2. Maintaining and extending the draft metadata standards for buildings
3. Using BIM in the building regulatory system
4. Feedback from the most recent EBOSS survey on what government could do to accelerate the use of BIM

Initial indications are positive for continued support from BRANZ and the Ministry of Business, Innovation and Employment (MBIE). The Chair will meet with BRANZ to discuss continuity of its funding into the 2017/18 financial year. Committee members have expressed a keen interest to continue.

To support the plan for continuity the Committee will refresh its strategy in January. The committee will also review its composition to support the strategy and its priority areas.

3. Government as a client

A workshop for Government clients on 24 November received a good turnout. Warren and Mahoney presented to the clients and focused on asset and facilities management. The Committee members will be asked to present at a subsequent workshop about some of the issues important to clients and overcoming these.

The project team is developing a Procurement schedule for clients to determine the level and type of data they want from BIM on construction projects for long term management of the built asset.

¹ Digital divide = A clear advantage to those who are digitally capable that those with limited or no digital capability cannot easily bridge.

The schedule will be consistent with the BIM handbook appendices with a view to incorporating all of the procurement requirements in existing BIM documents.

4. Industry Training

The committee heard from representatives across the three streams of training

Industry training

Dennis Burns, as a representative for the BIM trainers², outlined the group's intentions for the next phase of industry training. The group plans to record the *BIM101 – an insight* workshop which will be available online mid-2017. Work is underway to develop a BIM201 workshop with the intention to launch this next phase at the New Zealand Institute of Building (NZIOB) conference mid-2017.

BIM sandpit

A subcommittee considered BIM sandpit options through international examples and existing NZ examples and facilities. A UK BIM Academy course was identified as a potential start point. This could be developed and potentially presented using the University of Auckland facilities. The cost/benefit needs to be considered. The subcommittee will consider how the sandpit could be developed using the existing training and examples.

The subcommittee will further develop the plan for the BIM sandpit, clarify the target audience and identify the desired complexity of models.

The Committee considered whether the BIM sandpit might integrate into future industry training i.e. provide a start point for a BIM301 or beyond. The subcommittee and industry trainers will work together to consider how the two might align, their target audiences, the sequence and focus of the training. The aim is for consistency and a seamless transition for BIM training.

Tertiary education

The National BIM Education Working Group (NBEWG) is coordinating across the tertiary educations and is considering the UK BIM Task Group's BIM Learning Outcomes in the NZ context. The group meets again in February.

International observations:

Kenny Park reported his findings from the 1st International BIM Academic Forum in Glasgow in September. Kenny outlined that BIM education internationally is generally slow to be implemented. He also noted the importance of international connections with, in particular, the EU BIM Task Group.

The committee expressed a desire to link in with the EU BIM Task Group. It agreed it would also explore whether it wants to become a member.

² Out of the BRE train-the-trainers course, August 2015

The committee also observed the recent UK movement “Industry 4.0”
<http://www.bimplus.co.uk/people/industry-40-hera5lds-ne7w-era-co7nstruction/>

5. BIM brand cause

A summary of the October workshop was presented to the committee. The workshop sought to develop the brand cause, a simple description of the benefits of BIM / why use BIM. The committee agreed on a preferred option, in summary:

- What: BIM
- Why: Better building process, better building performance, building better process, building better performance
- How: Better information management

This brand cause will be developed into a final version with an implementation plan and guidance for its rollout. Outcomes of the workshop will be sent to workshop participants.

5. Better Business Case for the development of metadata standards

The Better Business Case has been delayed with the Wellington Ministry’s focus on the aftermath of the Kaikoura November earthquake. The work will be picked up early next year.

Forward meeting dates:

BIM Acceleration Committee meetings:	<ul style="list-style-type: none"> ▪ Wednesday, 25 January 2017 10 am – 12 pm midday ▪ Wednesday, 1 March 2017 11 am – 1 pm ▪ Wednesday, 5 April 2017 10 am – 12 pm midday ▪ Wednesday, 10 May 2017 11 am – 1 pm ▪ Wednesday, 14 June 2017 10 am – 12 pm midday ▪ Wednesday, 19 July 2017 11 am – 1 pm ▪ Wednesday, 23 August 2017 10 am – 12 pm midday ▪ Wednesday, 27 September 2017 11 am – 1 pm ▪ Wednesday, 1 November 2017 10 am – 12 pm midday ▪ Wednesday, 6 December 2017 3 pm – 5 pm
--------------------------------------	--

National Technical Standards Committee meetings:	<ul style="list-style-type: none"> ▪ Wednesday, 1 March 2017 10 am – 11 am ▪ Wednesday, 10 May 2017 10 am – 11 am ▪ Wednesday, 19 July 2017 10 am – 11 am ▪ Wednesday, 27 September 2017 10 am – 11 am ▪ Wednesday, 6 December 2017 2 pm – 3 pm
--	---