Minutes for the BIM Acceleration Committee

Monday, 8 December 2014, 11am – 1:30pm

Agenda Item #	Agenda Item
1	Welcome
2	Accept minutes of last meeting
3	Matters arising and action log
4	How the National Technical Standards Committee will work with BAC
5	BIM acceleration programme
6	Project updates • Government as a client • Communications and awareness raising • Contract terms and conditions • Industry training • Case studies • Group Home builders as a client
7	Other business

1. Welcome

The Chair welcomed representation from MBIE's procurement branch.

2. Accept minutes of last meeting

The minutes were accepted. The committee agreed that in future minutes will be accepted out of session so they can be published on the BIM in NZ webpage prior to the next meeting.

3. Matters arising and action log

The Committee and Eboss have gone out to market with two surveys:
1   to a general audience and has closed,
2   to a control group which closes soon. To ensure statistical robustness calls are being made to follow up to increase responses to at least 40
Results for both will be available in early 2015.

The Chair presented to the Auckland Infrastructure and Procurement Forum on the acceleration strategy, activities and progress to date. The next forum will be in February with a focus on technology and there may be an opportunity to include a BIM presentation.

The Committee has reported to funders and has committed to produce a quarterly progress report. This report will be made available on the BIM in NZ webpage.

The Committee agreed that financial decision making will be determined by:
- Proposed expenditure above $50,000 will be considered by an ad hoc sub-committee who will recommend approval or decline of the proposal, to the Acceleration Committee as a whole.
- Proposed expenditure between $5,000 and $50,000 will be part of the project plans and the committee's acceptance of a project plan will be agreement to the budget for this expenditure.
- The Chair can seek funding for proposals below $5,000 without needing Acceleration Committee agreement provided the expenditure is consistent with the acceleration strategy and / or project plans and funding criteria.

4.   Metadata standards and how the National Technical Standards Committee will work with BAC

The metadata standards group meeting on November 27 involved metadata and BIM object creation experts (the "development group") as well as BIM object library owners and BIM Acceleration Committee representation. The group asked that the BAC recommend an independent chair/ facilitator to ensure its work was focused on industry-good and free of any commercial bias. The Committee recommended Haydn Read for this role. The minutes, the charter and the project plan will be published on the BIM in NZ website once finalised.

A group of government agencies with an interest in the different uses of digital information on land, buildings, other structures and ensuring data interoperability between BIM, GIS and other systems.. Although no conclusions were reached, it was noted that potentially the National Technical Standards Committee, reformatted, could take the work forward.

A further discussion covered how the Geo-Information Society of South Africa (GISSA) had developed metadata standards for asset management across numerous asset classes (R-Spec for roading, S-spec for sewerage, B-spec for building etc), and that a high level of pragmatism is required for it to be realistic for owners to use asset metadata.

It is important the metadata standards group include all major players in the building metadata space and be agnostic. All players to date are of the mindset that the work done is for the good of the industry.

The Committee noted the need for scalability of the metadata standards to ensure users can target or use particular relevant areas. The Committee also noted the BIM handbooks 21 Uses of BIM and the need for a consistent, realistic baseline to ensure users are not then restricted by the standards.

The tertiary training project team noted the need for access to an object library that could be used as a teaching resource.

5.   BIM acceleration programme

The Committee paid attention to the BIM programme as a whole and noted the importance of the workstreams / project sequence and priority. It was realised that each project will invariably change as the programme progresses. The Committee agreed the key sequence was to target key decision makers involved in Government procurement through the roadshows, quickly followed by industry training. The Committee is securing a resource to focus on Government as a client.

The Committee will revisit the programme overview, timings and connectivity at the February meeting.

6.   BIM acceleration core projects

Government as a client

The project team noted there are two options for the BIM roadshows: A large education-focussed seminar series or a series of mini conferences with expert speakers to a target audience of 12-15 people. The project team will produce a brief for each option and circulate to the Committee. The Committee is to provide feedback and suggest who the audience might be. The Committee agreed the roadshows will be held in Auckland, Wellington and Christchurch.

The roadshow programme could be framed into sections including the design, the construct, the operate phases and an overview.

Communications and awareness raising

The Committee noted the Communications strategy.

Contract terms and conditions

The project team will shortly run the first workshop and will report the outcomes back to the Committee.

Industry training

Subsequent to the 29 October BIM Acceleration Committee meeting discussions have been held with IPENZ, NZIA, NZIOB and Standards New Zealand.

Standards New Zealand have confirmed that they do not have, nor propose, developing a suite of NZ BIM Standards. ISO36950 could be adopted by NZ.

The Committee noted that the target for the 3 centres is 120 persons in total attending. Feedback from the professional institutes is that the proposed cost is reasonable. The project team will canvas pre-commitment for 100 people to de-risk the project.

The Committee has the relevant expertise to review the BRE course material to ensure it aligns with the NZ BIM handbook and market and a subcommittee of Committee members will review BRE's proposed slides once received.

Tertiary Education

A workshop was held on 4 December that had representation from most of the tertiary training institutes.
There is much interest from this group and they agreed to work together to enable development of BIM tertiary training. The NZ BIM handbook will be the starting point for terminologies to be used. The group will develop core learning outcomes for BIM courses. It was agreed that it would be helpful to establish the attributes of a model to be classified as BIM minimum. The group will meet again in February 2015.

Case studies

Five case studies have been produced to date with one more in the final stages. The Committee agreed that the project team would release a call for further case studies. The focus will be on case studies of BIM Uses not covered by the first set of case studies.

Group Home builders as a client

This group is being monitored for any interest in BIM.

7.   Other Business

A new tool has been developed by ARUP which can assess the BIM maturity of an individual project. This was highlighted as a useful and elegant tool that can be used by a wide audience to track how a company is progressing with their use of BIM.

See http://www.arup.com/services/building_modelling.aspx.

Next BIM Acceleration Committee meeting to be held at:	Wednesday, 18 February 2015, 10am – 12:30pm