

Technical Advisory Group Minutes

03/August/2016, Time: 2:00pm, Venue: AECOM Sydney and teleconference.

Attendees

David Clark	Cundall (Chair)
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Adam Garnys	CETEC
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Sean Holmes	WSP Built Ecology
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Anne Kovachevich	Arup
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Bruce Duyshart	Meld Strategies
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Darren Teoh	AMP Capital
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Dennis Lee	NABERS
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Greg Johnson	Stockland
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Hayley Koerbin	Jacobs
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Ian Dixon	AECOM
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Jonas Bengtsson	Edge Environment
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Kristie Martin	Viridis
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Lisa Hinde	JLL (Future Green Leader Representative)
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Nathan Robertson-Ball	KPMG
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Paul Bannister	Energy Action
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Apologies

Anthony Marklund	Floth
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Chris Aucott	Architectus
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Christopher Chuah	ISPT
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Darren O'Dea	Inhabit Group
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Jane Monk	Metropolitan Planning Authority, Victoria
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Jeya Bavan	Curtin
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Matthew Low	AE Smith
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Shomo Sen	Scentre Group
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Vicky Critchley	Elton Consulting
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Agenda

1. Welcome and Introductions
2. Conflict of Interest
3. For note: Changes to GBCA organisational structure
4. For note: GBCA strategic priorities for the year
5. For note: Ongoing direction for the committee
6. Standing items
 - a. Certification process improvements
 - b. Innovation credits
 - c. Current projects
 - d. Minor version releases
 - e. Strategic revisions to Green Star.
7. For note: Registrations and certifications for the previous financial year.
8. For note: Subgroup report
9. Other Items
10. Close and summary

Next Meeting:

November, 2016

1. Welcome and introductions

Quorum was reached.

2. Conflicts of interest

HK noted Jacobs was bidding for the Land Use and Ecology work.

3. For note: Changes to GBCA organisational structure

Noted

4. For note: GBCA strategic priorities for the year

Noted

5. For note: Ongoing direction for the committee

Noted, and arrangements agreed. GBCA also noted subgroups can be expanded to include expertise outside the TAG.

Group requested clarification on the frequency of the updates to the rating tools (yearly for minor versions, tentatively three years for major versions).

Group also questioned as to nature, whether it should be reactive, or active. GBCA clarified it expected group to become active participants in the technical development. Group recommended a standing items be added to ask for active feedback.

Action: Add a standing item to ask for improvements that can be made for the minor and major versions. Items to consider are:

- What is the outcome we are trying to achieve?
- What are the perverse outcomes we don't want to achieve?
- Where to next? Where do we want to go?

Action: GBCA to provide terms of reference for subgroups detailing the purpose and desired outcomes.

6. Standing items

a. Certification process improvements (for note)

Items noted include:

- Online Certification Agreement
- Recertification FAQs
- ISO 9001
- Recognised Provider

GBCA confirmed that this is Organisational focused, not individual focused. The Group made the following comments:

- Need more certainty around the rules and governance. Providers are company based with named individuals. Endorsement does not follow individuals if they leave the company.
- This status will be used by businesses and individuals to market their credentials – need to be very careful how this is done.
- Needs to not exclude or penalise small companies.
- Is there a clear document for clients explaining what recognised provider status means and what it does not? – not discussed in meeting, but comment passed on at a later date

Action: GBCA to arrange for an out of session briefing on Recognised Provider.

b. Innovation category

Items noted include:

- Innovation Challenges update
- Innovation review
- Financial transparency

A subgroup was formed around Innovation. The group will focus on improving the claims, removing outdated options, and introducing new ones, with a focus on the update for Green Star – Design & As Built and Green Star – Interiors.

Action: subgroups will report on progress at the next meeting

c. Current projects

Items noted include:

- Green Star Review
- Construction and demolition waste reporting criteria review
- Review of land use and ecology
- Product certification scheme simplification
- Rating tool alignment

Subgroups were formed around Construction and demolition waste reporting criteria review, Review of land use and ecology, and Product certification scheme simplification.

Action: Subgroups will report on progress at the next meeting

d. Minor version releases

Green Star – Communities:

The Group endorsed the following items:

1. Introduction of a conditional requirement of 1 point to achieve a star rating, with a recommendation to have a second point requirement for 6 star ratings.
2. Endorsed reducing the points for Design Review from 8 points to 6 points and will consider reducing to 4 points next year for the next revision
3. Endorsed proposal to allocate up to 2 points for “on-site” renewables on a sliding scale based on the following:
 - a. To be eligible for the renewable energy points it is a requirement that at least 2 out of 6 points would be achieved under the Greenhouse Gas Strategy Performance Pathway 25A if calculated without using on-site renewables – this

acknowledges there is some deliberate double counting, but sets a minimum standard for CO2 reduction through passive and active means before extra benefit of renewable points can be taken.

b. The definition of “on-site” will need to be further refined but does not hold up the endorsement of the change. “On-site” could also mean off-site systems (e.g. solar farm, wind farm) dedicated to the development. The rules will need to be very clear in relation to retiring ROCs, duration of contract, etc. A recommendation was made as to whether ‘dedicated’ was more appropriate.

c. A greenhouse gas emissions sub-group will form to look at how this credit can evolve in the future – is 20% too hard or too easy, should renewables be separated out or combined, etc

Action: A subgroup for Greenhouse Gas Emissions is to be formed to analyse the evolution of this credit for the next release.

Green Star – Design & As Built and Green Star – Interiors

The Group endorsed the following:

1. Introduction of conditional requirements on Greenhouse Gas Emissions for 5 and 6 star rated buildings respectively.
2. Introduction of air tightness testing as mandatory component of Commissioning & Tuning credit, provided that:
 - a. An Air tightness sub-group to be formed to advise appropriate testing standards to reference in the credit, group requested the presence of Chris Nunn in this group.
 - b. Create a reporting template requiring values are stated and include an approximate conversion for comparison between the values for façade specification, Mechanical services specification, Energy modelling value, and air tightness test result.
 - c. After more data is collected over the next couple of years`, GBCA to consider whether to include a minimum performance requirement – noting that this will vary depending on building type and climate zone
 - d. Maintain an Innovation point for meeting a relevant air tightness performance standard.
3. Removal of operational energy use (module B6) from the materials credit LCA calculation subject to the following:
 - a. The report includes a full LCA summary (including B6) for data comparison purposes;
 - b. The points for the credit be calculated excluding B6; and
 - c. The LCA sub-group revises the points scale to ensure credit remains viable and achieves outcome.
4. Introduction of a Compact Laminated Timber prescriptive path for ‘Impacts from Materials’. Sub-group to be formed to assist in drafting this.

Action: Subgroups for air tightness, and LCA are to be formed to review changes prior to release.

Action: DT to send information on air tightness relevant to the credit.

e. Strategic revisions to Green Star.

GBCA noted this would be addressed at the next meeting

7. For note: Registrations and certifications for the previous financial year.

Noted

8. For note: Subgroup report

The following subgroups were created:

Subgroup	purpose	Participants*
Innovation Review	Provide guidance on innovation challenges and points that should be retired, or graduated	Hayley Koerbin Nathan Robertson-Ball

	into the rating system for the next version of Green Star – Design & As Built and Green Star – Interiors.	Jonas Bengtsson Lisa Hinde Sean Holmes
Construction and demolition waste reporting criteria review	To align with activities in the space (NABERS Waste, and BBP) related to the quality of waste contractors, recyclers, etc.	Dennis Lee Kathryn Cassidy (external)
Review of land use and ecology	To ensure the outcomes of the Land use and ecology review are relevant and usable by project teams in Australia	Kristie Martin Vicky Critchley
Product certification scheme simplification	To assist with the review of the product certification scheme process and update of benchmarks with a view to expand the number of recognized schemes.	Jonas Bengtsson Lisa Hinde Anne Kovachevich
Greenhouse Gas Emissions	To assist with updates and evolution of greenhouse gas emissions and energy related credits in the rating system.	Paul Bannister Dennis Lee Sean Holmes David Clark Matthew Low Joel Clayton (external) Tim Dunn (external)
Air tightness	To assist in the development of guidance for air tightness testing in Commissioning and Tuning for Green Star – Design & As Built.	Adam Garnys Darren O'Dea Matthew Low Chris Nunn (external) Richard Fairhead (external)
Impacts from Materials: Life Cycle Impacts	Assist in improving the guidance for this credit related to the removal of module B6, and to explore potential future developments in LCA for the rating system.	Jonas Bengtsson Greg Johnson Anne Kovachevich Shomo Sen
Impacts from Materials: Compact Laminated Timber	Assist in developing a CLT pathway for the credit	Ian Dixon Darryl Stuckey (external) Tom Davies (external)

*Subgroup participants will not be made public

Action: Subgroups terms of reference to be developed, meetings held, and recommendations provided in due course.

Action: Group participants are requested to nominate to a subgroup. Final list to be provided separately

9. Other Items

None raised

10. Close and summary

Next meeting expected in November