

## Minutes of Meeting

April 18-19, 2017  
National Housing Center  
1201 15<sup>th</sup> Street, NW, Washington, DC 20005

The following Consensus Committee members, Task Group members, guests, and staff were present for all or part of the meeting:

### Consensus Committee Members and Alternates

Aaron Gary	Amy Schmidt (V. Chair)	Bob Thompson
Brandon Bryant	Cambria McLeod	Charles Cottrell
Chuck Foster	Craig Conner	Dana Bres
Donald Prather	Eric Schlegel	Frank Stanonik
Greg Johnson	Gregory Curtis Coolidge	Hope Medina
Jeff Inks	Jeremiah Williams	Jerud Martin
John Barrows	Karla Butterfield	Kristopher Stenger
Lee Brammeier	Loren Ross	Lorraine Ross (alt)
Matthew Cooper	Matthew Dobson	Michael Cudahy
Michael Jouaneh	Neil Leslie	Paul Cabot
R. Christopher Mathis	Robert Ross (Chair)	Ron Nickson (V. Chair)
Sanford Steinberg	Sean Devlin	Steve White
Steven Rosenstock	Ted Williams (alt)	Theresa Weston
Thomas Pape	William Sanderson	

Committee Members absent: Johnny Goetz, Marc Allen Nard, and Steve Nellis.

### Task Group Members and Alternates

Alamelu Brooks	Ali Alaswadi	Amber Wood
Bala Srini	Bill Freeman	Brent Mecham
Carl Seville	Chris Schwarzkopf	Chuck Arnold
Daniel Lapato	Darrel McMaster	Dorothy Gerring
Jack Karlin	James Williams	Jeremy Velasquez
Jerry Phelan	John Forbes	Joseph Gordon
Joseph Cain	Kat Benner	Kelly Kaminski
Kent Sovocool	Kim Shanahan	Kurt Raymond
Megan Cordes	Michael Fischer	Mike Mihalick
Nicholas Hurst	Paul Gay	Philip LaRocque
Rachel Della Valle	Robert De Vries	Robert Goo (alt)
Robert Starr	Sam Francis (alt)	Stephen Evanko
Steven Armstrong	Susan Hines	Suzanne Boxman

Task Group Members absent: Chuck Perry, Josh Divelbiss, Josh Jacobs, Mary Moltzan, Ramesh Gulatee, Rehan Ehsan, Tanis Marquette, Ted Cater, and W. Don Whyte.

### Guests

Dane Farrell	Dom Kasmauskas	Eric DeVito
Eric Lacey	Gary Ehrlich	Gary Morgan
Howard Wiig	John Woestman	Marcin Pazera
Megan Carroll	Ron Wolfarth	Susan Gitlin
Tom Stroud		

### Staff

Allan Bilka (ICC Liaison)	Claire Worshtil	Eric Tilden
Connor Barbaree (ASHRAE Liaison)	Jaclyn Toole	Luis Escobar (Secretary)
Lynn Nacewicz	Michael Luzier	Michelle Foster
Patti Gunderson	Thomas Kenney	Vladimir Kochkin

#### **I. Chairman's Opening Remarks (April 18, 2017)**

Robert Ross convened the meeting on Tuesday April 18, 2017 at 9:00 am.

#### **II. Approval of Agenda (April 18, 2017)**

Meeting agenda was unanimously approved.

#### **III. Review of the 2018 NGBS Revision Process (April 18, 2017)**

Vladimir Kochkin, Director of Applied Engineering at Home Innovation Research Labs discussed the process and the procedures for the 2018 Update of the National Green Building Standard including the role of the Task Groups and the Consensus Committee in the development process. The presentation also included background information on the history of the development of the NGBS and its point system. The organizing principles of an ANSI-consensus process were also discussed. The tentative development schedule was presented. The deadline for Task Group members to submit new proposed changes was set for May 12, 2017. The deadline for Task Group to finalize review of all proposed changes and develop recommendation with a reason statement was set for September 1, 2017. The change of NGBS scope to expand the Standard to mixed-used buildings and certain institutional occupancies was presented. *(PowerPoint presentation is posted at [www.homeinnovation.com/ngbs](http://www.homeinnovation.com/ngbs).)*

#### **IV. Adopting Entity Perspective (April 18, 2017)**

Tom Kenney, VP of Engineering & Research at Home Innovation Research Labs, delivered a presentation on the experience of Home Innovation as an Adopting Entity for the 2012/2015 NGBS on behalf of Michelle Foster, VP of Innovation Services at Home Innovation. Mr. Kenney presented statistics on the issued certifications including a detailed breakdown by performance levels. He discussed overall trends and opportunities for improvement from the standpoint of implementation and verification of the green building practices including improved clarity, consistency, and inequities with regard to specific design/construction scenarios. The need for

expanding the scope based on the multifamily market was presented. (PowerPoint presentation is posted at [www.homeinnovation.com/ngbs](http://www.homeinnovation.com/ngbs).)

**V. Questions and Discussion Session (April 18, 2017)**

Following the staff presentations, the meeting was opened to questions and discussion. Various members of the Consensus Committee, Task Groups, and guests participated. The sessions was focused on the revised NGBS scope, which has been expanded to include mix-use buildings and certain institutional occupancies. Questions and comments dealt with the square footage required for application of the standard in mix-use buildings, the implications of the scope change on Task Groups’ analysis of assigned proposed changes, and the relationship between NGBS and ASHRAE 189.1. The May 12, 2017 deadline for new proposed changes does not apply to development of content based on the revised scope.

**VI. Task Group Review of the Proposed Changes (April 18, 2017)**

The six Task Groups conducted individual sessions to review the assigned proposed changes. The purpose of the sessions was to initiate development of Task Group recommendations on the proposed changes, as well as provide an opportunity to discuss need for any new proposed changes.

**VII. Coordination Task Group Meeting (April 18, 2017)**

Task Group Chairs and Vice Chairs met with staff to discuss proposed changes concerning ‘big picture’ topics that have Standard-wide implications. The purpose of the sessions was to develop recommendations to the Consensus Committee, and by extension the other Task Groups, on these topics. The following motions were made and voted on by the members of the Coordination Task Group.

<b>LogID</b>	<b>Proposal Summary</b>	<b>Motion</b>	<b>Vote</b>
6227	Develop new provision for the 2018 NGBS that can be used as a code-level document by AHJs.	Disapprove  Reason: No language proposed. The rating system provides the flexibility needed for various jurisdictional situations.	Favor - 12 Opposed - 1 Abstain - 1
6499, 6446	Offer recognition for meeting specific areas of the NGBS without certification to the whole Standard.	Disapprove  Reason: Waters down the program and introduces confusion in the market. Not sufficient for a green building that requires balance.	Favor - 13 Opposed - 1 Abstain - 0

6497	Medallion recognition for projects that achieve practices related to resiliency and wellness.	Disapprove Reason: Resiliency or wellness are not defined.	Favor - 13 Opposed - 1 Abstain - 0
6445, 6517, 6472	Update Section 1302 (Referenced Documents) to reference the 2018 I-codes: IBC, IECC, IFGC, IMC, IRC.	Approve	Favor - 9 Opposed - 5 Abstain - 0

At the end of the Coordination Task Group meeting, the Chair of the Multifamily Task Group presented the following recommendations arising from the NGBS scope revision:

1. The revised scope should be changed so that the NGBS can be utilized for any building in which a simple majority of the square footage is residential (as opposed to 75%).
2. Projects will continue to have the option to certify only the residential portions of the building or the entire building.
3. Non-residential provisions and practices regarding multifamily buildings are to be incorporated into the appropriate existing chapter; no new chapters needed.
4. A group of subject matter experts will develop non-residential provisions and practices in conjunction with the members of the Multifamily Task Group.
5. The revised scope should be expanded to include student housing and other units that may not have all functional areas of a dwelling unit (e.g., no kitchens).

### **VIII. Consensus Committee Session and Initial Reports by Task Group Chairs (April 19, 2017)**

On the morning of the second day of the meeting, the Consensus Committee held a general session to provide an opportunity for Task Group Chairs to (1) report on the initial progress with review of the proposed changes and (2) obtain direction from the Consensus Committee on the significant items that had broad implications on the overall development process that were discussed by the Coordination Task Group on the first day. The following motions were made and voted on by the Consensus Committee (see table below). Both votes were straw polls intended to provide Task Groups with direction for going forward in developing their recommendations. It was noted that the Consensus Committee would have a chance to discuss and vote on all items again at the next meeting. Members were reminded that the last date to submit additional proposed changes was May 12, 2017.

<b>LogID</b>	<b>Proposal Summary</b>	<b>Motion</b>	<b>Vote</b>
6445, 6517, 6472	Update Section 1302 (Referenced Documents) to reference the 2018 I-codes: IBC, IECC, IFGC, IMC, IRC.	Approve	Favor - 25 Opposed - 6 Abstain - 2

MF TG	Recommend to the Executive Standard Committee that TG-6's (Multifamily) recommendations be incorporated in the revised scope.	Approve	Favor - 26 Opposed - 5 Abstain - 4
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**IX. Task Group Review of the Proposed Changes (April 19, 2017)**

Task Groups conducted individual sessions to continue review the assigned proposed changes. The purpose of the sessions was to continue development of Task Group recommendations on the proposed changes, as well as provide an opportunity to discuss need for any new proposed changes.

**X. Coordination Task Group Working Lunch (April 19, 2017)**

The Coordination Committee held a working lunch meeting. Organization topics were discussed. Discussion of the 'big picture' topics that have Standard-wide implications continued. The following motions were made and voted on by the Coordination Task Group members.

LogID	Proposal Summary	Motion	Vote
6277, 6278, 6279, 6280	Replace the "Bronze" rating level with "Certified" throughout the Standard.	Disapprove  Reason: Bronze should be included because they are all certified.	Favor - 12 Opposed - 2 Abstain - 0
6426	Health and Well-being optional designation.	Disapprove  Reason: Wellness is not defined. No language provided.	Favor - 12 Opposed - 2 Abstain - 0

**XI. Next Meeting**

The next meeting was discussed and planned to occur in the fall of 2017. An online poll will be sent to the members of the Consensus Committee to determine the best dates for the next meeting. Task Groups will continue their work via conference calls.

**XII. Adjournment**

Task Group sessions were adjourned by Task Group Chairs on the afternoon of April 19, 2017 based on work progress.

Respectfully submitted,

Luis Romeo Escobar  
Committee Secretary