



GREENBUILD[®]

INTERNATIONAL CONFERENCE AND EXPO

ABX2017

TOGETHER IN BOSTON

EVERYONE. EVERY PROJECT.
EVERYWHERE. **WE ARE ALL IN.**

NOVEMBER 8-10, 2017

BOSTON CONVENTION & EXHIBITION CENTER (BCEC)

NEHERS Rater Opportunities

- Outreach and leadership
- Building community
- Identifying common goals
- Sharing resources and knowledge
- Expanding your own expertise
- Expanding your area of business
- Discounts and Volunteering

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Webinar Outline

Mike Browne, Energy Raters of Massachusetts

- Conference Schedule
- Residential Tours and Sessions
- Volunteering and Free Conference Passes
- Free Expo Hall passes and Rater outreach

Ian Johnson , Signature Sustainability

- What's new with LEED for Homes Version V4

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GREENBUILD SCHEDULE

Visit www.greenbuildexpo.com for the latest information and updates.

MONDAY, NOVEMBER 6

8:00 AM - 4:00 PM	Full-Day Green Building Tours
8:00 AM - 12:00 PM	Half-Day Green Building Tours
8:30 AM - 5:00 PM	Full-Day Workshops
8:30 AM - 12:30 PM	Half-Day Workshops
1:00 PM - 5:00 PM	Half-Day Green Building Tours
1:00 PM - 5:30 PM	Half-Day Workshops



<https://explore.greenbuildexpo.com/Attendee/Conference/Sessions>

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TUESDAY, NOVEMBER 7

8:30 AM - 5:00 PM	Full-Day Workshops
9:00 AM - 5:30 PM	Communities & Affordable Homes Summit
9:00 AM - 5:30 PM	WaterBuild: The Water Summit at Greenbuild
9:00 AM - 5:30 PM	International Summit
1:00 PM - 5:00 PM	Half-Day Workshops



GREENBUILD 2017
Communities & Affordable Homes Summit



Opening Plenary Keynote Speaker:

Dr. S. Atyia Martin, CEM, Chief Resilience Officer, Office of the Mayor; City of Boston, Massachusetts

Join community and sustainability leaders for dialogue on the development of vibrant, sustainable communities through the lenses of resilience, social equity, health and economic opportunity. Share knowledge and problem-solve with the goal of expediting the economic, social, and ecological health and vitality of all communities.

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WEDNESDAY, NOVEMBER 8

8:30 AM - 9:30 AM	Education Sessions
10:00 AM - 6:00 PM	Expo Hall Open
11:00 AM - 12:30 PM	ABX Education Sessions
2:00 PM - 3:00 PM	Education Sessions (5 sessions extended until 3:30pm)
4:00 PM - 6:00 PM	Education Sessions
7:00 PM - 11:00 PM	Greenbuild Celebration Boston Museum of Science



The Revivalists

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THURSDAY, NOVEMBER 9

7:00 AM - 9:00 AM	Women in Green Power Breakfast
10:00 AM - 6:00 PM	Expo Hall Open
11:00 AM - 12:30 PM	ABX Education Sessions
11:00 AM - 1:00 PM	Leadership Awards Luncheon
1:00 PM - 2:00 PM	Education Sessions (5 sessions extended until 2:30pm)
3:00 PM - 4:00 PM	Education Sessions (5 sessions extended until 4:30pm)
4:30 PM - 6:00 PM	Happy Hour in the Hall
5:00 PM - 5:30 PM	Passport to Prizes Drawing
6:00 PM - 7:30 PM	Greenbuild Plenary



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FRIDAY, NOVEMBER 10

8:00 AM - 9:00 AM	Education Sessions
9:30 AM - 10:30 AM	Education Sessions
11:00 AM - 12:30 PM	Closing Plenary
2:00 PM - 6:00 PM	Half-Day Green Building Tours



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GREENBUILD SCHEDULE

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SATURDAY, NOVEMBER 11

8:00 AM - 12:00 PM Half-Day Green Building Tours
1:00 PM - 5:00 PM Half-Day Green Building Tours

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GREEN BUILDING TOURS

Tours take place Monday, November 6; Friday, November 10; and Saturday, November 11. Full and half-day tour options are available on Monday and Saturday.



<https://www.greenbuildexpo.com/en/education/workshops-tours-and-summits/green-build-tours.html>

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GREEN BUILDING TOURS Monday

- All day - Green Day Out explores 3 Living Building Challenge homes Western MA. – 300 level
- Morning - Net Positive revolution – Passive house in Newton and Net-Zero in Wayland – 200 level
- Morning - Platinum and Passive MF – Old Colony and The Distillery in S Boston. Copeland Park -300 level



GREEN BUILDING TOURS Friday

Friday Afternoon

- Reshaping communities with Sustainable Affordable Housing
- 300 level
- Washington Beech Apts Roslindale LEED-H GOLD
- Jackson Commons Roxbury LEED-ND
- 151-157 Alston St LEED-H Platinum



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GREEN BUILDING TOURS Saturday

Saturday Morning

- Beyond Green: E+ and Living Buildings Net positive E+ Projects and LBC - 400 Level (around Boston)
- The Good, the Bad, and the Wet: Boston's Harbor Edge; Resiliency Plan
BOAT TOUR!
From "Inundation district" to Clippership Wharf



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Rater Outreach

Just forward along NEHERS posts and e-mails to your contact lists and reap the benefits of this extended marketing for your own company with minimal effort.

Share the NEHERS discount code for the free hall passes and let folks know when you will be there yourself!

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Volunteers for Day of Show.

Age limited, must be 25 or under.

Volunteer 8 hours and get a 3 day pass for
FREE!

(257 volunteers already signed up!)

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Volunteering – Tour co-managers

- TM09 The Art of Green
- TM10 Get WELL Soon
- TF03 High Performance Education
- TF06 Park Above and Park Below
- TF07 Driving to be Green
- TS02 Southland Science Tour
- TS04 Seaport Interiors and Social Justice
- TS05 All Green on the Western Front
- TS09 High Rise Sustainability for Living
- TS10 Therapeutic Green: Helping People Heal

To volunteer for Tours, contact:

Rebecca Hatchadorian (rebecca.hatchadorian@arup.com) AND
Jeremy Caron (DCP) (jeremy.caron@state.ma.us)

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NEHERS Rater Discounts!!

The 1-day passes are discounted ~25% (prices vary based on the day). You choose which day you'd like to attend:

- Wednesday Day Pass @ \$250- Education sessions, expo hall and Greenbuild Celebration OR
- Thursday Day Pass @ \$275- Education sessions, expo hall, Plenary and Happy Hour in the Hall OR
- Friday Day Pass @ \$125- Closing Plenary, education sessions and access to the expo hall (Wednesday - Thursday)

The 3-day passes are discounted to \$450. It is the whole package and includes:

- Wednesday - Education sessions, Expo Hall and Greenbuild Celebration AND
- Thursday - Education sessions, Expo Hall, Plenary and Happy Hour in the Hall AND
- Friday - Closing Plenary and education sessions

For 1 and 3 day discount codes,

Contact Emily Kingston (ekingston@usgbcma.org)

and let her you know you are a NEHERS Alliance HERS Rater!

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LEED for HOMESv4 Update

- LEED for Homes Version 4
 - Aligned with ENERGY STAR v3 for:
 - Energy
 - Air Infiltration (envelope components)
 - HVAC
 - Durability/water mgmt
 - Integrative Process Credits
 - Energy Metering: Multi-family – all units
 - Water Metering: Multi-family – all units or building
 - Annual Energy Use– Points available for HERS 70 or less



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LEED for HOMESv4 – Changes

- Esv3 Builder Water Management System Checklist
 - Replaces Durability Inspection Checklist & Dur. Eval. Form
- Water Use:
 - Performance Path – Indoor and Outdoor
 - Prescriptive: Indoor Water Use & Outdoor
 - All WaterSense Labeled Fixtures
- Home Size Adjustment = 1 point for every 4% change in home size



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LEED for HOMESv4 Midrise

- Mid-rise Energy Requirements:
 - Whole Building Energy Model - 5% improvement from 90.1-2010
 - Commercial space included! (ESv3 allows modeler to choose)
- Commissioning Requirements:
 - Energy Star Multifamily Hi-rise
 - OR
 - Prescriptive Path
 - Reduce Heating and Cooling Distribution Losses
 - Fundamental CX
 - Construction Document Specifications
 - Midrise Thermal Enclosure Inspection Checklist

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LEED for HOMES in the Northeast

- LEED is growing: thanks to state/city green building codes
- Green Building Codes :
 - Majority of growth in multi-family projects in Northeast
 - LEED v4 Homes:
 - Single Family -612 Registered, 64 Certified
 - Low-Rise 1,573 Units Registered, 174 Units Certified
 - Mid-Rise 7,859 Units Registered, 55 Units Certified

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Poll Questions
(just for quantities!)

Do you want to use a free expo hall pass?

Code is “NEHERS”

To approximately how many people will you distribute the “NEHERS” Code and GreenBuild information?

Do you want to attend a HERS Rater meet-up at the Happy Hour in the Hall (5pm Thursday)?

Do you want a discounted one day pass?

Do you want a discounted 3 day pass?

Do you want to try to help with a tour ?