



Q4

October – December 2022

**be
ex**

building
energy
exchange

● BE-Ex team

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In the last quarter of 2022, we were pleased to provide a variety of educational offerings, including a widely attended program on Local Law 97, the final High Rise / Low Carbon Series event, our suite of Passive House trainings, and a Holiday Party, celebrating an accomplished year with friends, sponsors, and community leaders.

November 29, 2022

Climate Mobilization Act Series: Following the Rules; Unpacking LL97 Rulemaking

After the NYC Department of Buildings released the much-anticipated proposed rules for Local Law 97, BE-Ex, with support from NRDC, hosted a well-attended discussion on this ruling, its impact on New York City local law compliance, and the innerworkings of the policy document.



► <https://be-exchange.org/climate-mobilization-act-series-following-the-rules-unpacking-ll97-rulemaking/>



November 30, 2022

High Rise / Low Carbon: Nimble Brains for Complex Systems

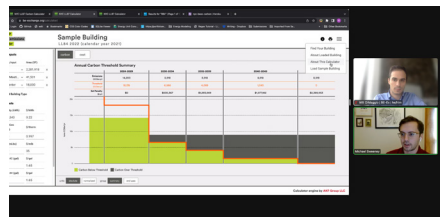
BE-Ex & NYSEDA hosted a panel event on the increasingly complex mechanical systems of high performance buildings, and how leveraging simple technologies and strategies can unlock cost-savings and better building performance. The event closed out a successful year of the High Rise / Low Carbon series, diving into the tried and true solutions of commercial high rise buildings in New York City.

► <https://be-exchange.org/high-rise-low-carbon-nimble-brains-for-complex-buildings/>

December 3, 2022

What's My Penalty? LL97 Calculator Demo

BE-Ex and AKF Group held a live demonstration of the LL97 Carbon Emissions Calculator, an online tool that has helped over 20,000 building stakeholders understand the impact of Local Law 97 on their building portfolio.



► <https://be-exchange.org/whats-my-penalty-ll97-calculator-demo/>

column:

From Gloom & Zoom to Hope & Action

by Richard Yancey

Executive Director

Building Energy Exchange

2022. What a year. Hurricanes in Florida; wildfires in California; heatwaves in the Northwest; European droughts; monsoon flooding in Pakistan; and, closer to home, the 10-year anniversary of Superstorm Sandy; and...and...and....

But all is not gloom and doom. In New York, alone, we have a new progressive governor; a thoroughly refreshed city council; a new mayor and chief climate officer; a new office of climate and environmental justice; a new deputy commissioner of sustainability; and a new state building decarbonization executive. And we see the growing momentum beyond our state lines: Building Performance Standards being adopted by a growing coalition—over 38 states and local governments— and

required in federal buildings; and the passage of two historic federal bills that will bring over a trillion dollars to projects that repair, rebuild and reimagine our crumbling infrastructure and provide \$370 billion to address climate change, promising to reduce our greenhouse gas emissions 40% by 2030.

At the Building Energy Exchange, our community of doers, leaners, and the high-performance-curious started to re-emerge from their Zoom rooms, to reconnect and interact with one another, sharing their insights, experiences, and ideas. With more than 110 events, 8,900 attendees, 1,200 on-demand courses, and over 15 new publications, the BE-Ex team dramatically advanced our mission

to accelerate the transition to high-performance buildings online, in person, and on demand, this year, including:

- Our [WISE](#) (Women in Sustainability and Energy) series provided 8 engaging programs, including a sold-out mentoring luncheon.
- The 9th annual [Daylight Hour campaign](#) included 30,000 participants from 23 countries celebrating daylighting and saving energy.
- Our [Building Performance Partnership](#) supported the planning, launch and growth of building efficiency resource hubs in five US cities; and launched an online event series, “Building a Better Future,” with a huge national audience.
- The 110 educational events included well-attended programs from our [Climate Mobilization Act](#), [High Rise / Low Carbon](#), and [Beyond Zero series](#), providing real examples of successful decarbonization projects and compliance pathways.
- Our [LL97 Carbons Emissions Calculator](#) was refreshed to reflect new DOB rules and provide more functionality, attracting over 1,200 users in its first month.
- An [Induction Cooking Technology Primer](#) and first [High Rise / Low Carbon Partner Profile](#) were highlights of several actionable resources we shared with our community of building decision-makers.

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So here's to 2022 and all we accomplished, together. And now, with a new governor, a new mayor, and the momentum of historic climate legislation (and funding), 2023 promises to be a year of growth and impactful engagement.

Onward,
Richard ■

2022 in review

programs:

8,982 attended
95 programs

offsite primers:

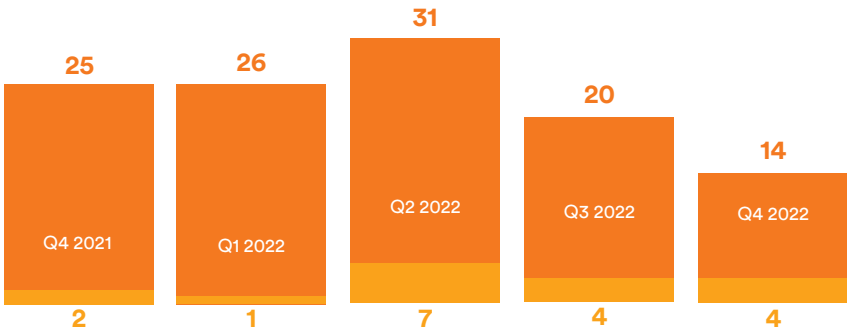
393 attended
17 Programs

9,375 attended
112 Programs

BE-Ex delivered impactful programming to an increasingly national audience in the final quarter of 2022. The first Building Performance Partnership event, delivered with partner hubs in Kansas City, Washington D.C., Chicago, and St. Louis, attracted nearly 500 registrants from across the country. Meanwhile, programs from our CMA Series and High Rise / Low Carbon Series reinforced strong quarterly attendance numbers.

BE-Ex hosted events

Q4 2021 – Q4 2022 events saw a transition from all virtual attendance to hybrid, encouraging in person and online engagement.



BE-Ex developed events

diversity goals

- 1. No all male panels
Q4: 0 all male panels
- 2. 50% female speakers across BE-Ex panel events
Q4: 40% non-male speakers



average number of days on calendar, BE-Ex events

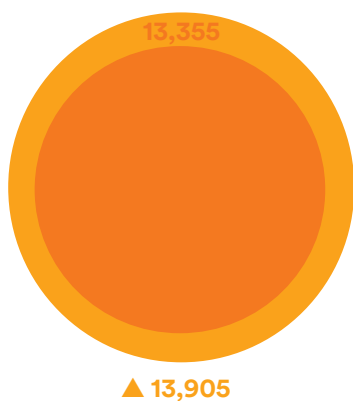


average attendance, BE-Ex events

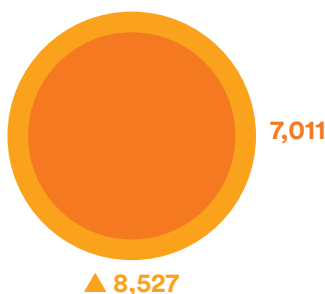
● audience

We've seen growth and increased engagement in our audience this year. Our newsletter audience, nearing 14,000 subscribers, grew 25% in the last 12 months, while newsletter engagement rates continue to trend upwards.

newsletter subscribers



social media followers

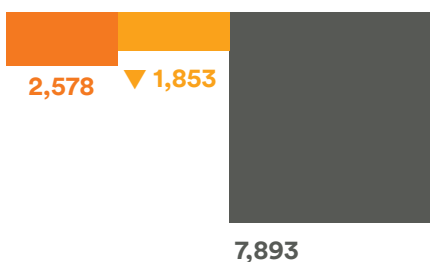


■ Q3 2022 ■ Q4 2022 ■ 2022 total

total radio be-
ex listeners in
2022

1,680

resource downloads



website traffic

website
sessions in
Q4 2022

23,411

total website
sessions in
2022

97,676

program audience geographic distribution



Women in Sustainability and Energy (WISE)

The Women in Sustainability and Energy (WISE) series is an inclusive platform for all people to learn from experienced leaders, share knowledge, and advance equity in the workplace.

- **January 6, 2022:** Ask Me Anything with Con Edison's Caroline Kopp
 - **April 7, 2022:** Media Club: Climate Tech Innovation Fueled by Women Founders
 - **April 19, 2022:** Networking Lunch
 - **July 7, 2022:** Counting Carbon From Farm to Table
 - **September 27, 2022:** Leadership in Climate Tech
-

Climate Mobilization Act Series

With support from the Natural Resources Defense Council (NRDC), the Climate Mobilization Act Series demystifies New York State's leading climate policy and connects building industry stakeholders with relevant solutions.

- **April 5, 2022:** All-Electric NYC Buildings
 - **November 29, 2022:** Following The Rules; Unpacking LL97 Rulemaking
-

Beyond Zero Series

The Beyond Zero Series, supported by NYSERDA, celebrates climate friendly projects across the state of New York that improve the health, affordability, and resiliency of communities.

- **January 27, 2022:** Carbon Neutral Adaptive Reuse
 - **February 24, 2022:** Decarbonizing Downtowns
 - **April 6, 2022:** Climate-Friendly Campuses
 - **April 28, 2022:** Industrializing Construction
 - **June 16, 2022:** Designing Healthy Buildings
 - **July 21, 2022:** Welcome to Carbon Neutrality
 - **September 22, 2022:** Burn Ban – The Benefits of Induction Cooking
-

High Rise / Low Carbon Series

The High Rise / Low Carbon Series highlights NYSERDA's Empire Building Challenge, shares low-carbon retrofit success stories and makes key connections among the real estate, construction, engineering, and design communities.

- **February 3, 2022:** High Rise / Low Carbon Launch
- **May 4, 2022:** Financing Deep Retrofits
- **June 14, 2022:** Keep the Outside Out
- **September 14, 2022:** Sharing Heat
- **October 26, 2022:** Advanced Ventilation Goes Mainstream
- **November 30, 2022:** Nimble Brains for Complex Systems

New Release: Local Law 97 Carbon Calculator Update

In October 2022, the NYC Department of Buildings issued proposed rules to LL97, providing clarifications to the law and its implementation, including: aligning building property types with those from EPA Portfolio Manager, establishing building emissions limits to 2050, and setting a 2030 electricity carbon coefficient that encourages electrification and reflects the New York State's commitment to green the grid.

BE-Ex is pleased to debut the next iteration of our LL97 Carbon Emissions Calculator with AKF Group, updated to reflect these proposed rules, alongside a refreshed user interface with an updated benchmarking database search feature, print report feature, and more.

Check out the LL97 Carbon Calculator:

<https://be-exchange.org/ll97-calculator/>

January 24, 2023

**Climate Mobilization Act
Series: The IRA Meets New
York**

BE-Ex and NRDC hold the next Climate Mobilization Act Series event, spelling out the Inflation Reduction Act and how local building industry stakeholders can capitalize on federal funding to comply with Local Law 97.



February 16, 2023

**WISE Ask Me Anything with
NESEA Executive Director
Florence MacGregor**

During this Ask Me Anything event in the Women in Sustainability & Energy (WISE) series, Northeast Sustainable Energy Associations's Executive Director, Florence MacGregor, speaks with BE-Ex Manager of Projects Katie Schwamb about her impact in strategic and equitable community-building and programming efforts within the building industry.

► <https://be-exchange.org/wise-ask-me-anything-with-nesea-executive-director-florence-macgregor/>

March 7, 2023

**WISE Media Club: 'The
Hottest August' Screening
with Director Brett Story**

The Women in Sustainability & Energy (WISE) community hosts a screening with Director Brett Story of 'The Hottest August', an award-winning documentary on climate change in New York City, disguised as a portrait of collective anxiety.



► <https://be-exchange.org/wise-media-club-the-hottest-august-screening-with-director-brett-story/>

completed

Designing a Climate Ready Building



Education Climate Ready Buildings Training 1.0

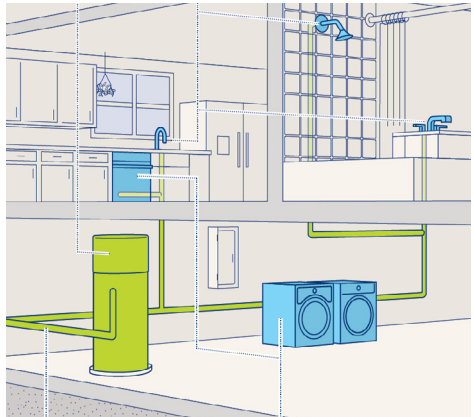
Completed by the University of California, Berkeley, and the U.S. Environmental Protection Agency, this course provides a comprehensive overview of climate resilient and high performance strategies in the design of multifamily buildings. The training is intended for owners/developers, architects, and general contractors involved in HPD-financed affordable housing projects that are pursuing certification under the Enterprise Green Communities (EGC) Criteria.

This course focuses on the integration of climate resilient and high performance strategies in the design of multifamily buildings. The training is intended for owners/developers, architects, and general contractors involved in HPD-financed affordable housing projects that are pursuing certification under the Enterprise Green Communities (EGC) Criteria.

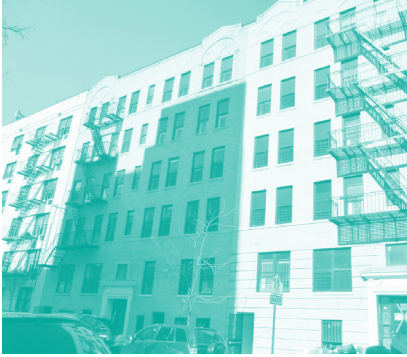
Patterns

Heat Pump Planner - Water Heater Pattern

Our Heat Pump Planner, an interactive tool that helps consumers determine the best heat pump system for their home, is expanding to include a heat pump water heater pattern. Stay tuned for the release of the fully updated Heat Pump Planner.



upcoming



online resource **LL97 Accelerator Sell Sheets**

To assist building decision-makers in navigating Local Law 97 compliance, BE-Ex is working with the NYC Accelerator to create user-friendly retrofit guides on viable pathways to decarbonization. Based on data from real NYC buildings, the guides identify impactful upgrade opportunities for all major energy systems in four different building typologies.



Tech Primer **Cold Climate Heat Pump**

The latest addition to our suite of Technology Primers will focus on heat pumps designed for cold weather environments.

With the webification of existing materials, engagement with new building industry stakeholders, and continued progress in the development of new resources, we continue to create, adapt, and disseminate industry best practices to serve our community.

programs

High Rise / Low Carbon: Advanced Ventilation Goes Mainstream

October 26th

Passive House Training Series

October 20th, December 8th

Climate Mobilization Act Primers

October 18th

Women in Sustainability Series
Networking Lunch

October 25th

High Rise / Low Carbon: Advanced Ventilation Goes Mainstream

October 26th

Building a Better Future: Demystifying the IRA

October 26th

WISE: Ask Me Anything with Sheppard Mullin's Gail Suchman

November 9th

Climate Mobilization Act Series:
Following the Rules; Unpacking LL97 Rulemaking

November 29th

High Rise / Low Carbon: Nimble Brains for Complex Systems

November 30th

What's My Penalty? LL97 Calculator Demo

December 8th

WISE Holiday Party

December 14th

project status

Q4 2022

- Climate Ready Buildings Training 1.0
- Commercial Data Into Action – Office Decarbonization Pathway Tearsheets
- Commercial Data Into Action – Report
- LL97 Accelerator Sell Sheets

Ongoing

- Decarbonizing New York City Offices: Resources and Training
- Climate Ready Buildings Training 2.0
- HPD LL97 Affordable Multifamily Roadmap – Case Studies & Best Practices Manual
- Heat Pump Planner Round 2
- BE-Ex Midwest Hubs Support
- Cold Climate Heat Pump Tech Primer
- Future Housing Initiative: An Equity & Carbon Database for Multifamily Housing
- Future Housing Initiative: Underwriting Standards for Low-Carbon Housing