



Building Tech Forum

Past Presenters

Building Tech Forum 2025
Rimas Gulbinas - How Abisko.io is Transforming Compliance and Performance in BERDO and LL97 Buildings
Derek Stein - Lilypad: Material technology that makes your walls do more so your HVAC system can do less
Aaron Baskerville-Bridges - Super-insulating transparent aerogels for energy efficient windows and retrofits
Neal Lojek - Building better with thermal breaks
Kate Bubriski - Why Do I Need A Decarbonization Masterplan
Luc Chabot - Strategies for Decarbonizing Building Portfolios – City of Cambridge
Lloyd Butcher & Alex Corsetti - AeroSeal and Passive House: Achieving Verified Airtightness and Stretch Code Compliance
Karin Santoni - Turning Buildings Into Net-Positive Assets: The Power of Real-Time Metering
Craig Stevenson - Connecting Design Technologies with Operational Technologies to Scale Building Decarbonization
Josh Doolittle PE & Gabrielle Bader PE - Low-Temp Heat-Pump Retrofit Turns a 1990s Middle School into a Carbon-Lean Classroom Hub
Tammy Ngo - M&M Sweet Decarbonization for Existing Buildings
Brendan Kavanagh - Aerobarrier & Renovations
Greg Hosselbarth - Intelligent Heat Pump Water Heating
Maria Schroeder - Adaptive Reuse of an Impenetrable Public Building to a Socially-equitable Private Building
Prathamesh Patil - Electrifying Chiller to Heat Pump in Multifamily Buildings
Sandy Curth - Shape optimization techniques for a better building
Kurt Roth - Process Digitalization to Deliver and Scale Affordable, High-performance Wall Retrofits
Robin Cornell - Decarbonizing From the Ground Up with Foam Glass Gravel
Chris Lewis - Practical, Scalable, Zero-Over-Time Decarbonization
Evan Smith - Snowflake Manufacturing for Envelope Retrofits
Akshay Ramani - Hydronic Shell – An Innovative Approach to Building Retrofits
Kendra Halliwell - Modular Solutions: Redefining Infill Housing with Smart, Sustainable Design
Griffin Teed - High-Rise, Low Carbon: Thermal Energy Networks from Waste Heat
Ben Rocci - From Drone to Diagnosis: AI-Powered Building Envelope Insights
Todd Bard & Tom Sottile - World Leading Thermal Storage Technologies
Chris Kluesener - The merits of vendor-owned EV charging amenities
Sissi Liu - Beyond Ventilation: Smart Air Cleaning for Healthier, Greener Classrooms

Evan Bissonnette - Hybrid VRF Heat Pumps – Replacing Refrigerants with Water
Eileen Barrett - Designing for Savings: Unlocking Potential with MASS Save's Commercial New Construction Program
Mark Vasu - Leveraging AI and Digital Technologies to Accelerate Building Envelope Retrofit Planning and Action
Greg Bossie - Scaling Carbon-Storing Buildings Through Collaboration
Lucas Nahrgang - The Massachusetts Method: A Blueprint for Better Building Enclosures
Robert Blount - Buildings of the past, insulated for the future
Eshaan Mathew - Building X-Ray Vision: The Javits Center as a Scalable Strategy for Net Zero
Bruce Dike - SMART SOLAR Split Heat Pump Water Heaters
Martine Dion & Melissa Russell - Scaling Decarbonization Planning – Lessons Learned from the ongoing MassCEC BETA Program
Sanjeev Kalyanaraman - Cooling Without Energy for Future Ready Buildings
Cody Belton - Thermal Bridge Free External Fixed Shade Connection: Pathway to Thinner External Walls
Sarah Michelman & Carrie Havey - LEED v5 Strategies for Success
Jim Walton - AI-Driven Building Management: Efficiency, Cost Savings, and Sustainability
Edmund Post - It's Not The Heat, It's The Humidity: Using Desiccant DOAS to Save Costs, Reduce Emissions, While Increasing Comfort
Christopher Sidwa - Bottles to Buildings: a circular solution for decarbonizing concrete using waste glass
Monique Owens - PERFORM: A Tool for Portfolio-Wide Sustainability Goals
Mark Pano - Gund Hall
Roselin Osser & Axel Jeremie - NYU's Rubin Hall Decarbonization
Building Tech Forum 2024
David Koerner - 75F: Upgrading buildings with AI and IoT via Mass Save
DQ Stolt - Adept Materials: Adept Materials Climate-regulating Paint
Camila Salomon - Arup: Low-tech, high-impact approach to decarbonization at scale
Susan Z. O'Neill - Bala Consulting Engineers: Enhancing IAQ in a Net Zero Building with Heat Recovery Technology
Gregory King - Boston Community Solar Cooperative: Community Ownership of Solar Energy Generation
Tammy Ngo - BR+A: Decarbonization of existing lab buildings
Jonathan Hernandez - Brightcore Energy: Geothermal Innovations for Built Environment Sustainability
Kristen Fritsch & Barbra BatShalom - BSA: Boston Low Carbon Concrete Stakeholders Project
Jacob Racusin - Builders for Climate Action: BEAM Tool: Reducing Material Carbon Emissions Has Never Been More Fun!
Barbra BatShalom - BuildingEase
Brent Ehrlich - BuildingGreen: Top Green Building Products for 2024

Maria Navarro - Buro Happold: Delivering meaningful results before EUI
Neetu Siddarth - BXP: Existing Building Decarb: Reduce, Reuse and Recycle
Lilly Nardelli - DXS: The Next Wave of VRV Air-Source Heat Pumps: Hot Water Heating
Robert Cooper - Embue: Decarbonizing multifamily buildings
Victoria Pisini - Enersion: Weathering the Future
Kim Cullinane - Eversource: Mass Save Program Support as Market Transformation Catalyst
Tommy Linstroth - Green Badger: Making Sustainability Transparent and Accessible
Jon Zuber - HTS: Turning Wastewater into Watts
Sherlie Battiato - Interface: Going "all in" to Meet the Climate Crisis
Dan Weissman - Lam Partners: Lighten Up! Reducing Lighting's Carbon Footprint
Leigh Anne Mays - LuxWall: Impact of Glass Only Retrofit on Carbon Emissions
Evan Bissonnette - Mitsubishi Electric: Retrofitting Rooftop Units with Heat Pumps
Ryan Bradley - National Grid: National Grid EV Charging Incentives For New and Existing Buildings
Jacob Deva Racusin - New Frameworks: New Frameworks Panels Agricultural Carbon Storage Solutions
Jess Wala - Nitsch Engineering: Designing for Water: Understanding Impacts for Resilience
Jessica Boatright & Felipe Polido - Reframe Systems: Reframe Systems: Unlocking climate-friendly housing for all
James Penfold - ReVision Energy: Ride the Wave of EV Adoption
Robert Blount - Rockwool: Advanced Wall System Design for Performance, Sustainability, and Improved Analysis
Elijah Zenger - Roger: Smooth Operators: Eliminating Waste Through Better Construction Management
Elizabeth Murphy - Shawmut Design & Construction: eDNA as a Metric for Measuring Ecological Restoration
Steven Strong - Solar Design Associates: Running on Sunshine: Getting to Net Zero and Beyond
Laurent Canneva - Spare-it: More Data Less Waste
Shari Rauls - Steven Winter Associates: Humidity and Variable Refrigerant Flow Operation in Multifamily Buildings
Mitch Clark - Sublime Systems: Electrochemical Cement Production and the Path to Zero Emissions
Jonson Berman - Suffolk Technologies: BOOST: How Suffolk Technologies Accelerates Innovation in the Built Environment
Luke Dias - Superior Essex International LP: Pathways to More Sustainable Connectivity
Clarke Morrison - Symetri: Democratizing LCA within Revit
Michael Munn - The Green Engineer, Inc.: WELL for Residential - A Healthy Home Rating System
Ann Sussman - The HAPI: Biometrics as the new Lens to 'see' Buildings + Ourselves
Scott Johnston & Addie Atkins - TimberHP: Solving Performance and Material Challenges Using Wood Fiber Insulation
Monique Owens & Tia Metzger - USGBC: Commitment to Action: LEED v5

Rick Smith - Vicinity Energy: The Easy Way to Decarbonize Boston and Cambridge
Adam Jennings & Rosie Osser - WSP: Decarbonization in Action: Local and National Tales
Building Tech Forum 2023
Jacob Knowles - BR+A Consulting Engineers: Net Zero Code Celebration
Tamer Bou Matar - Ice Air: Design Strategies to Decarbonize HVAC and DHW
Beverly Craig - Mass Clean Energy Center: Programs Supporting High-Performance Building Technologies
Sarah (DQ) Stolt - Adept Materials: Adept Materials– Smart materials for sustainable buildings
Jason Ganley - Mitsubishi Electric Heating & Air Conditioning: Hotel Marcel - A Leader in Hotel Electrification
Doug Lamm - Building Envelope Materials: What's Next In Retrofit Insulation of Large Multifamilies
Joshua Soble - Celsius Energy: Geoenery: A Decarbonization Solution for Buildings
Karla Butterfield - Steven Winter Associates: The Time Value of Embodied Carbon
Willie Dawkings-Wong - HTS: Dual-Core Energy Recovery
Brent Ehrlich - BuildingGreen: BuildingGreen's 2023 Top Products
Kate Houghton - Hudson Technologies: Innovative Refrigerant Recovery Services and Reclamation Technology
Matthew O'Malia - TimberHP: TimberHP
Roselin Osser - AKF Group LLC: THE FOUNDRY – Historic Building Adaptive Reuse
JS Rancourt - Daikin North America LLC: VRV Air Source Heat Pumps – in this building!
Dan Weissman - Lam Partners: Sustainable Lighting: 5 Concepts
Kristen Brozowski - Buro Happold: What % All-Electric is your Building?
Alex Clermont - DXS New England: The Latest Heat Pump on the Block: Ephoca
Dave Hermantin - Brightcore Energy: Geothermal Solutions for Urban Environments
Jeff Patton - Gradient: Gradient Gen1 in the Field plus Cold Climate in Development
Akash Vijay - Albireo Energy: Advancing a Net Positive Built Environment with BACnet/SC
David Martin - Trane: Using a Thermal Battery to Enhance Electric HVAC Building Designs
Robert Blount - Rockwool: A Sustainable Path Forward: Embodied Carbon and EPDs
John DiModica - SOLECT Energy: Powering Ahead to a Sustainable Future
Lindsey Lawson - The Green Engineer: Diving into BERDO Data
Matt Root - Integrated Eco Strategy: Better Materials, Managed Digitally
Akash Vijay - Albireo Energy: Advancing a Net Positive Built Environment with BACnet/SC
Laurent Canneva - Spare-it: Live Waste Intelligence
Karla Butterfield - Steven Winter Associates: The Time Value of Embodied Carbon

Building Tech Forum 2022

Dave Hermantin - Brightcore Energy: UrbanGeo: The most efficient building electrification solution is right underneath you

Christopher Haringa - Abode Energy Management: Abode Heat Pump Quote Comparison Tool

JS Rancourt - DXS New England: What's Next with VRV Heat Pumps – In 5 pictures!

Ben Goldberg - enVerid Systems: Reshaping HVAC Design: Designing for Improved Indoor Air Quality & Energy Efficiency

Robert Blount - Rockwool: Enclosure Design for Durability and Efficiency

Chris Ouellette - Mitsubishi Electric: Efficiently Electrifying Domestic Hot Water

Audrey Schulman - HEET: Efficient and Equitable Electrification of Heat

Kipp Bradford - Gradient: Gradient: Bridging Divides

Nate Racicot - Awair: Improve the Built Environment with Indoor Air Quality Monitoring

Jeff Beyer - Fremarq Innovations: You CAN Judge a Building by Its Cover

Diane Cabral - Rheem: Rheem Innovations in Hot Water – Heat Pump Technology

Ari Greenberg - BR+A Consulting Engineers: Heat Pumps for the People

Kristen Brozowski - Buro Happold: How Much Glazing Can We Have Now?

Steve Smith - Daikin: R32: Low GWP Alternative

Derek Stein - Adept Materials: Multifunctional materials for managing moisture and heat in buildings

Barry Stephens - Ventacity Systems: The Future of Healthy Efficient Buildings

Tom Glass - Ice Air: Electrified by Ice Air

Barbra BatShalom - BuildingEase: BuildingEase: Making it easier to track, manage, procure building products

Building Tech Forum 2020: Roadmap to 2050 Presenters

Kimberly Cullinane - Eversource: Zero Net Energy in K-12 School Construction: You Can Do It!

Randy Butler - Superior Essex: Internet of Things and Building Technology

Beverly Craig - MassCEC: Triple Decker Design Challenge

Brent Ehrlich - BuildingGreen: Products for a Changing Environment

Anurag Goel - enVerid: COVID-19 and Beyond: Energy Efficient Building Design and Operation for Risk of Infection

Jacqueline Goyul - Clean Energy Lives Here Campaign

Joelle Jahn - WSP: Zero Carbon Building Assessment: Designing for Carbon Neutrality in Boston

Jacob Knowles - BR+A: Carbon Neutral + Cashflow Positive

Paul Marquez - Excel: XLERATOR Hand Dryers: Helping Commercial Facilities Reduce Greenhouse Gas Emissions

Elizabeth Minnis - DCAMM: DCAMM Climate Action and What We Need From YOU

Chris Schaffner - The Green Engineer, Inc.: Three Trends Changing the Way We Build

Dan Smith - Daikin North America: Heat Pump Performance and Electrifying Efficiently
Ted Touloukian - Touloukian Touloukian Inc.: Embodied Carbon & Existing Buildings: SGI-USA New England
Tamar Warburg - Sasaki: Edge Assembly Square: Solar Mapping and Facade Design
Building Tech Forum 2020: Materials Can: Getting to Zero with Embodied Carbon Presenters
Lisa Conway - Interface: Love Carbon
Annie Bevan - Superior Essex: Embodied Carbon Reduction in Products Behind the Walls
Morana Medved - Artik Art Architecture: Interior Design Education: Carbon as a Design Criterion
Nic Kaspereen - HPS: Interior Design Education: Carbon as a Design Criterion
Mark Englert - USG: Discover the Next Big Thing in Wallboard
Ryan Spies - Saint-Gobain: Steering a 350-Year-Old Ship
Stacy Smedley - Building Transparency: Creating an Ecosystem for Embodied Carbon Accountability
Stephanie Carlisle - Carbon Leadership Forum: Scaling Impact: Embodied Carbon Action
Jimmy Mitchell - Skanska: Skanska's National EC3 Rollout
Brent Trenga - Kingspan: Closing the Commitment Gap We Currently Face to Make Real Impact
Building Tech Forum 2019
Ariel Horowitz, Peter McPhee - MassCEC: MassCEC Clean Building Initiatives
Dan Lonergan - ClearVue: Introducing ClearVue Solar
Dan Smith - Daikin
Malcolm Sonnett - ReVision Energy: The Future of Whole House Electrification
Theodore Touloukian - Touloukian Touloukian Inc: Lumen at Beacon Park, Detroit
Peter Serian - CopperTree Analytics: A Solution for Today's Energy Management Challenges
Mark Webster, David Bliss - Simpson Gumpertz & Heger: Embracing Embodied Carbon
Sandy Mulkern - USG: What's Next in Building Tech? Targeting Carbon in the Fight Against Climate Change
Marie Nolan - The Green Engineer: Circling Back after Getting the Plaque
Mark Siegal - Eversource & National Grid: Charging Infrastructure Programs: Promoting EV Adoption through Incentives
Michael Carey, Muhammad Hassan - Trane: Heat Pumps & Electrification
T.R. Ludwig - Brooklyn Solar Canopy Co.: Taking Solar to the Next Level
Kevin Debasitis - BuildingIQ: What's Next in Building Tech?
Katie Wholey - Arup: Carbon Free Boston: Buildings Sector
Dave Boettcher, Travis Estes - Abode Energy Management: Growing a Good Business with Good Partners
Melanie Silver - Payette: New Paradigm: Architect/Engineer Collaborative Energy Models

Mike Swenson - BR+A Consulting Engineers: Designing and Commissioning for Guaranteed Energy Performance
Anurag Goel - enVerid Systems: Reshaping HVAC Design: Designing for Improved Air Quality & Energy Efficiency
Lucy Fan - Peak Power
Noah Wilson-Rich - The Best Bees Company: What's Next in Building Tech: Honeybees
Colin Booth - Placetaylor: What's Next? Better Tech, Better Business!
Toby Wharton - Alpen High Performance Products: When You Need Windows That Insulate like Walls
Randy Butler - Superior Essex: Intelligent Buildings Powered over Ethernet
Brent Ehrlich - BuildingGreen: What's Next? BuildingGreen's Top Green Products for 2019 and Beyond
Phil Crincolli - Airvac of Aqseptance Group: Vacuum Sewers
Jim Stanislaski - Gensler: The Good News
Building Tech Forum 2018
Brendan Owens - USGBC National: O brawling love! (let's talk about LEED)
Mark LaFrance - HTS: Reducing Energy Consumption with High-Efficiency HVAC Products
Nancy Ludwig - ICON Architecture: Get Serious about Energy with the Passive House Standard
Christopher Schaffner - The Green Engineer, Inc.: B Corps - a Tool for Change
Joe Mueller - CoolGreenPower: Use Less Through Smarter Cooling
Adam Green - Envenio: High Performance CFD
Patrick Quinlan, Jason Laverty - SolaBlock: The Next Direction in Solar
Vinay Shekar, Betty Liu - Jacobs: Net Zero/Positive Design
John Rockwell - Zehnder America: Ventilation: Why Efficiency Matters
Nick Falkoff - Auburndale Builders: The Studio for High-Performance Design and Construction
Mark Stafford, Kim Cullinane - Eversource and National Grid
Paul Eldrenkamp - NESEA: NESEA's Bottom Lines
Mike Conway - Stacks and Joules: The Net Positive Workforce
Stephen Condon - Ampion: Distributed Generation ("DG") Programs
Dan Swanson - Mitsubishi Electric Cooling and Heating: Heating and Cooling Net positive Energy Buildings
Brent Ehrlich - BuildingGreen: 5 Reasons to be Optimistic About Solar
Joe O'Brien - View Dynamic Glass: Electrochromic Glass Technology
Robert Cooper - Embue: Building Intelligence & Net Zero Apartments
Sandy Mulkern - USG
Elizabeth Galloway - SMMA: Highly Glazed Facades, Myths and Realities

Malcom Sonnett - ReVision Energy: 100% Solar Household
Jacob Knowles - BR+A
Ben Myers - Boston Properties
DiAnn Mroszczak - Living Building Challenge Collaborative: A Visionary Path to a Regenerative Future
Rachel Han - OpenDataSoft: How to Create Public and Private Value from Energy Data
Dan Cook - Conservation Solutions Corporation: Bio-Based Phase Change Materials Reducing HVAC Energy Use
Beverly Craig - Massachusetts Clean Energy Center: MassCEC Clean Building Initiatives
Steven Strong - Solar Design Associates, Inc.: Renewable Energy for Energy Positive Buildings
Mike Ragan - Daikin: VRF System Innovations Contributing to Net Positive Energy Buildings
Abdu Elrefaiy - NRGTree: Own My Solar: Streamlining Commercial Solar
Julie Janiski - BuroHappold: Community Catalyst: Targeting a Net-Zero Energy Workforce Development & Training Center
Jim Newman - Linnean Solutions, LLC: Monitoring for Impact
Matthew Freitas - Viessmann Manufacturing: Viessmann DNA
Ted Touloukian - Touloukian Touloukian Inc: Context Enriches Craft
Julia Rogers - WSP