

ATTENDEE PLANNER



FUELING GROWTH, FOSTERING COLLABORATION, DRIVING INNOVATION



Fueling Growth, Fostering Collaboration, Driving Innovation

Now marking 25 years in Alberta, BUILDEX events have become a cornerstone for continuing education, new product sourcing and industry connections for all professionals of the built environment. Combining an accredited conference program and robust tradeshow floor with leading-edge solutions and targeted networking opportunities, BUILDEX fuels growth, fosters collaboration, and drives innovation in Alberta's building and construction industries.

In 2024, BUILDEX will convene architects, engineers, general contractors, skilled trades, interior designers, property managers, homebuilders & renovators, and developers from across Alberta, Western Canada and nationally, at the new BMO Centre expansion at Stampede Park.

130+ Leading Manufacturers, Distributors & Suppliers

150+ Industry Speakers & Panelists

70+ Educational Seminars, Keynotes, Workshops and Product Demos

2 Days

1 Ticket

BUILDEX Alberta	EXHIBIT HOURS	CONFERENCE HOURS
Wednesday, October 23, 2024	9:30am – 6:00pm	9:00am - 4:30pm
	BUILDEX 25th Anniversary Industry Networking Reception 4:30pm – 6:00pm	
Thursday, October 24, 2024	9:30am – 3:00pm	9:00am – 4:00pm

LOCATION: Newly expanded BMO Centre at Stampede Park in Calgary, Alberta



Download the BUILDEX Event App

Your most efficient way to navigate BUILDEX Alberta 2024, the ConnectMe app gives you the BUILDEX Alberta agenda, trade show floor map and list of fellow attendees, all in the palm of your hand. Registered attendees will receive access to the show app 1 week before the event, which provides you access to:

- The BUILDEX Alberta conference agenda and room locations (printed agendas will not be distributed onsite) to organize your time at the event
- View the exhibitor list to plan who you want to meet and chat with, as well as the floorplan
 to see where they're located on the trade show floor
- · Build your personal profile and schedule
- · Receive important event alerts
- \cdot $\,$ Send and receive meeting requests and instant messages with other attendees

LAUNCHES 1 WEEK BEFORE SHOW



Territorial Acknowledgement

BUILDEX Alberta takes place at the BMO Centre at Stampede Park which is located on the traditional territories of the Blackfoot Confederacy (Kainai, Piikani, Siksika), Îyâxe Nakoda (Bearspaw, Chiniki, Goodstone) and Tsuut'ina First Nations. Calgary is also Métis Nation of Alberta, Districts 5 and 6.

Follow @BuildingsCanada on Social







#BUILDEXAlberta

The BUILDEX Alberta trade show floor showcases an incredible range of product categories.

It's the one place at BUILDEX to not only connect with your industry peers, but also the suppliers, manufacturers and distributors you need for your industrial, commercial, institutional and residential application needs.

BUILDEX Alberta 2024 Exhibitor Categories

- · Construction Technologies
- Building Envelope, Exteriors, Thermal & Moisture Protection
- Architectural Materials, Products, Services & Technologies
- · Construction Materials
- · HVAC & Mechanical Systems
- · Building Automation Controls and Systems
- · Energy Management & Power
- · Windows, Doors, & Glass
- · Interior Design Products and Finishes
- · Steel & Metal Products
- · Concrete Products & Materials
- · Appliances/Electronics
- · Building Envelope
- · Building Maintenance Products & Services
- · Building Materials/Supplies/Services
- · Communication Systems

- · Concrete & Stone Construction
- · Decks/Decking
- · Doors
- · Educational
- · Electrical
- · Elevators, Lifts & Escalators
- · Energy Management
- · Environmental Services
- · Financial Services
- · Flooring & Floorcoverings
- · Government Housing Products & Systems
- · Interior Design Products & Finishes
- Landscaping
- · Lighting
- · Parking & Roadways
- · Pests/Animal Control
- · Photography/Videography

- Plumbing
- · Pre-Manufactured Building Systems
- · Property/Asset Management
- · Recreation Products
- · Restoration Products and Services
- · Roofing Products/Services
- · Security & Life Safety
- · Shipping/Logistics
- Signage
- · Staffing Solutions
- Technology Solutions for Property Management, Design, Engineering & Construction
- · Tools/Equipment/Hardware
- Vehicles
- · Waste Management
- · Wood Products & Engineered Wood



View full details, including exhibitor information and floorplan, at www.BUILDEXAlberta.com

BUILDEX Pass Details



Everyone has their own reasons for attending BUILDEX, and BUILDEX Alberta has pass options to maximize your time and investment at the show, whatever yours are.

PASS PRICING	ALL ACCESS PASS	BUILD Your own Program	TRADE SHOW Pass	NON-EXHIBITING SUPPLIER PASS	BUILDEX ON-DEMAND PASS
REGULAR	\$350	\$65 - \$145	\$30	\$600	\$150
PASS BENEFITS					
Conference Level Seminars (Wed & Thu)	Any Seminars	Individual Sessions Purchased à la Carte			
Unlimited Access to the Tradeshow Floor (Wed & Thu)	V	V	V	V	
BUILDEX Main Stage Programming	V	~	V	V	
TECHCENTRIC Seminars and Demos	All Seminars and Demos	Demos Only	Demos Only	Demos Only	
Demonstration Stage Demos	V	~	V	V	
BUILDEX 25th Anniversary Industry Networking Reception	V	V	V	V	
Show Floor Features	V	V	V	V	
All Industry Keynotes	V	V	V		
2-Day Lunch Voucher for \$20 each day	V				
BUILDEX Recorded Seminars On Demand Post Show	V				V
Streamly Access (Until January 31, 2025)	V				V
Partial Credit Against 2025 Exhibition Cost				V	

Recommended Attendee Pass Options

All Access Pass - Best Value!

The recommended attendance option. Maximize your time and return from BUILDEX Alberta by attending as much as you can over two days, all with one pass.

Pass includes:

- Registration for any of 60+ ConEd-accredited conference sessions (to a max of 8, value \$550)
- · Attend any Keynote, product demo or BUILDEX Main Stage session
- BUILDEX On-Demand, with access to recorded content from BUILDEX Alberta 2024, PLUS a library of more than 50 hours of content from BUILDEX and the Buildings Canada portfolio until Jan. 31, 2025 (value \$150)
- Trade Show Pass with daily show floor access to discover 110+ exhibitors (value \$30)
- · 2 days of formal and informal networking opportunities
- Manage and change your session registration online, saving you time onsite
- Early access to the BUILDEX Alberta Mobile App. Create your own conference schedule, map out the exhibitors you'd like to connect with and meet other attendees
- Complimentary drink at the BUILDEX 25th Anniversary Industry Networking Reception
- · Lunch on both days (value \$40)

PRICE: \$350

Build Your Own Program

For those with limited time at BUILDEX. Plan your time, your way, selecting the conference sessions, free-to-attend programming and networking right for you, AND full access to the trade show floor.

Pass includes:

- A la carte access to 60+ ConEd-accredited conference sessions (value \$65-145 each)
- · Attend any Keynote, product demo or BUILDEX Main Stage session
- Trade Show Pass with daily show floor access to discover 110+ exhibitors (value \$30)
- · 2 days of formal and informal networking opportunities
- Complimentary drink at the BUILDEX 25th Anniversary Industry Networking Reception

PRICE: \$65-\$145



Additional Ways to Attend

Tradeshow Pass

Our lowest cost, trade show floor accessonly pass. Discover cutting-edge suppliers on the trade show floor, free-to-attend programming, and networking.

- Daily show floor access to discover 110+ exhibitors (value \$30)
- Attend any Keynote, product demo or BUILDEX Main Stage session
- 2 days of formal and informal networking opportunities
- Complimentary drink at the BUILDEX 25th Anniversary Industry Networking Reception

PRICE: \$30

Non-Exhibiting Supplier

Mandatory pass for non-exhibiting brands, manufacturers, suppliers, and reps. Uncover what BUILDEX has to offer your business before choosing to exhibit in 2025.

- Daily show floor access to discover 110+ exhibitors
- Attend any Keynote, product demo or BUILDEX Main Stage session
- Complimentary drink at the BUILDEX 25th Anniversary Industry Networking Reception
- Partial credit on your 2025 exhibition cost if BUILDEX is right for you!

PRICE: \$600

BUILDEX On-Demand Pass

Watch recorded conference sessions after the show and gain access to a library of professional videos from across the building and construction industry. Designed for those unable to travel, or as a pass add on.

- Access a select number of recorded seminars from the 2024 show
- Access a library of more than 50 hours of videos, interviews and recorded seminar content from BUILDEX and the Buildings Canada portfolio until Jan. 31, 2025

PRICE: \$150



Workforce Solutions Centre

The Workforce Solutions Centre, sponsored by Calgary Construction Association has been created in response to the workforce crisis in

Calgary Construction Association

Western Canada, providing a centrepoint for the exchange of information, connections and solutions concerning work and labour at BUILDEX.

Wed, Oct. 23, 9:30am - 6:00pm & Thu, Oct. 24, 9:30am - 3:00pm Location: Tradeshow Floor (Booth 133)

SUPPORTING PARTNERS





















W35: Smart Sustainable Tech Showcase

carbon-neutral technologies and processes

The Smart Sustainable Tech Showcase provides innovative companies revolutionizing the AEC industry with game-changing

SMART SUSTAINABLE RESILIENT INFRASTRUCTURE ASSOCIATION

SPONSORED BY

an opportunity to gain valuable exposure and establish new connections across Alberta's built environment. Construction firms, architects, engineers, and building owners and operators are encouraged to attend and discover the latest innovations within their local sustainable tech hub.

Join SSRIA's Tech Showcase to learn firsthand about ways to enhance the sustainable objectives of your next building project!

Wed, Oct. 23, 3:30pm - 4:30pm

Location: Tradeshow Floor - TECHCENTRIC (Booth 123)



Alberta Ecotrust ENBIX Education Stream

Introducing a stream of educational content from the Emissions-Neutral Buildings Information Exchange (ENBIX), an initiative of Alberta Ecotrust Foundation. This stream will focus on emissions-neutral and low embodied carbon buildings. Hear from municipal leadership, see case studies from rural Alberta, discover construction details of residential wall assemblies, and learn how the focus on embodied carbon is influencing our industry.

Wed., Oct. 23, 9:30am - 3:30pm & Thu., Oct. 24, 9:30am - 3:00pm Location: Room 205



Product Demonstration Stage

Discover the latest products, services, and technologies from across the building and construction industry at the Product Demonstration Stage. Find new solutions that will transform your business and save you time and money.

All sessions on the Product Demonstration Stage are free to attend for all pass holders.

Wed, Oct. 23, 9:30am - 3:30pm & Thu, Oct. 24, 9:30am - 3:00pm Location: Tradeshow Floor (Booth 701)

















BUILDEX Main Stage

The BUILDEX Main Stage is the home for big ideas and our industry Keynotes at the heart of the tradeshow floor. Industry leaders, innovators and partners will discuss a range of issues changing the way we design, construct, and manage Alberta's real estate.

All sessions on the BUILDEX Main Stage are free to attend for all pass holders.

Wed, Oct. 23, 9:00am – 4:30pm & Thu, Oct. 24, 9:00am – 3:00pm Location: Tradeshow Floor (Booth 739)



TECHCENTRIC

TECHCENTRIC is the hub for innovation and technology at BUILDEX. Here, an open concept conference stage is set amongst emerging technology start-ups and internationally renowned technology providers. Head here for tech-centric seminars, product demos and the Smart Sustainable Tech Showcase.

Wed, Oct. 23, 9:30am – 4:30pm & Thu, Oct. 24, 9:30am – 3:00pm Location: Tradeshow Floor (Booth 123)









Live Floorplans and Exhibitor Listings

Why not explore the BUILDEX tradeshow floor before you attend? Discover the innovations, materials, and services on offer at BUILDEX Alberta in advance. Maximize on your time at the show with detailed company listings, an interactive tradeshow floorplan, and contact details.



BUILDEX On Demand

Watch recorded sessions from BUILDEX Alberta 2024 on demand after the show. PLUS Access a library of more than 50 hours of videos, interviews and recorded seminar content from BUILDEX and the Buildings Canada portfolio.



Free to Attend Sessions

Extended programming and free to attend educational sessions, product demonstrations and Keynote discussions on the BUILDEX tradeshow floor. Join your choice seminars as BUILDEX explores key themes driving Alberta's built environment: Automation, Artificial Intelligence, and Emerging Technologies; Workforce Solutions; Risk Management, Legal, Regulation & Code Updates; Sustainable, Emission-neutral and Highperformance buildings; Housing supply and Affordability.

Wed, Oct. 23, 9:00am – 4:30pm & Thu, Oct. 24, 9:00am – 4:00pm Location: Tradeshow Floor — Main Stage, Product Demonstration Stage, TECHCENTRIC



BUILDEX 25th Anniversary Industry Networking Reception

Reconnect with industry peers and make new contacts as professionals from all sectors of the building industry come together to mark 25 years of BUILDEX in Alberta. Head to the Central Bar for complimentary drinks after conference seminars conclude on Wednesday, October 23 from 4:30 to 6:00pm.

Wed, Oct. 23, 4:30pm - 6:00pm

Location: Central Bar & Networking Hub (Booth 321)



Roundtable Sessions

NEW! Meet with fellow like-minded professionals and tackle some of the biggest opportunities facing today's built environment. Listen, contribute and connect over these roundtable sessions:

Wed, Oct. 23, 9:00am – 12:00pm W07 - Myth Busters Take on Collaborative Project Delivery

Wed, Oct. 23, 1:00pm - 3:00pm

W24 – Exploring Lean Design & Construction & the Lean Coffee Technique for Improving Collaboration & Productivity



Speed Networking

NEW! The built environment's version of speed dating, this memorable fast-paced event introduces you to a wide range of building and construction industry professionals, so your networking time is optimized for efficiency and impact.

Wed, Oct. 23, 11:45am – 12:45pm & Thu, Oct. 24, 11:45am – 12:45pm Location: Room 215



Central Bar & Networking Hub

Host location for the BUILDEX 25th Anniversary Industry Networking Reception and all round ideal meeting point for attendees, speakers, and exhibitors; relax, refresh, and reconnect at the Central Bar & Networking Hub.

Wed, Oct. 23, 9:30am – 6:00pm & Thu, Oct. 24, 9:30am – 3:00pm

Location: Booth 231



ABEC South - October Luncheon featuring HMC, Kirk Mason

Join ABEC South for an insightful presentation on the Prompt Payment and Construction Lien Act, presented by HMC litigation lawyer Kirk Mason. We'll explore key provisions, including critical timelines, dispute resolution mechanisms, payment obligations, and the adjudication process. Discover the Act's current impact through real-world case studies and testimonials from industry professionals. The session will conclude with an interactive Q&A, allowing you to engage directly with Kirk. Bring your questions and insights to foster dynamic discussion.

Wed, Oct. 23, 11:30am - 1:30pm • BMO Centre, Room 209-210



Low-Carbon Mixer

Join Alberta Ecotrust (the parent organization of ENBIX), CLF Alberta and SSRIA for a Low-Carbon Mixer after the first day of BUILDEX Alberta! Meet your local leaders in sustainability and innovation and mingle with industry peers. All are welcome to attend, from experienced sustainability professionals to those who are new to the concept entirely. ENBIX brings industry together to advance emissions-neutral building practices in Alberta. We are working collaboratively with CLF Alberta and SSRIA to expand knowledge and accelerate embodied carbon reduction and innovation in the building, construction, and renovation sector. Foster connections through casual networking and enjoy some appetizers at this Low-Carbon Mixer. A drink ticket is included with each ticket purchase.

Wed, Oct. 23, 6:00pm onwards . Bottlescrew Bill's Pub



IFMA x BUILDEX Networking Social

Join us for an exciting IFMA member social and learning event at BUILDEX as we celebrate 25 years of excellence in Alberta! This premier gathering connects, educates, and inspires professionals across the building and construction industry. Network with your peers and leading experts as we discuss the future of residential, commercial, institutional, and industrial projects in the province. Don't miss this chance to engage with industry leaders, expand your knowledge, and celebrate a milestone of innovation and collaboration.

Thu, Oct. 24, 12:00pm - 2:30pm • BUILDEX Central Bar & Networking Hub



Builders & Brews Post-BUILDEX Happy Hour!

A fun and welcoming event for anyone and everyone in the homebuilding and renovation industry. Find fellow builders, designers, and trades getting together in the spirit of collaboration and opportunity after the close of BUILDEX Alberta day two! Learn more about Builders & Brews and register to attend.

Thu, Oct. 24, 4:30pm - 7:30pm · Home & Away YYC

2024 IDeA Design Exhibition

Formerly known as Urban Encounters, this signature tradeshow by the Interior Designers of Alberta brings together designers, suppliers,



academics, and design enthusiasts to explore the latest trends and connect with like-minded professionals. Whether you're looking to discover fresh ideas or build meaningful connections, the IDeA Design Exhibition is your gateway to Alberta's vibrant interior design community.

BUILDEX pass holders gain free access to the IDeA Design Exhibition, just present your pass at the entrance.

Thu, Oct. 24, 2:00pm - 7:00pm • BMO Centre, Palomino Room

REGISTRATION REQUIRED! For more information about these 3rd party partner events:



What are the key themes across this year's conference?

NEW KEY CONFERENCE THEMES:



Automation, Artificial Intelligence, and Emerging Technologies:

Gain unique insights through case studies on the risks and best practices on leveraging Artificial Intelligence (AI), 3D modeling, and digital twin throughout the construction lifecycle.



Workforce Solutions

Discover proven strategies on recruiting new talent while strengthening relations with existing workforce. Understand the latest immigration pathways for skilled workers and practical initiatives to foster diversity, equity and inclusion at the workplace as well as bridge the experience gap at the helm of the building industry.



Risk Management, Legal, Regulation & Code Updates

Stay current on the latest building, fire and energy codes in Alberta. Learn how to minimize financial and reputational risks with the right contract model and stakeholders' collaboration during the early stages of the project.



Sustainable, Emission-Neutral and High-Performance buildings

Examine case studies on climate resilient buildings, mass timber, ESG and green principles, embodied carbon, energy efficiency and renewable energy including solar and heat pumps.



Housing Supply and Affordability

Explore current permitting requirements and new developments on missing middle, indigenous design, major projects outlook and repurposing of assets.

Connecting Each Corner of Alberta's Built Environment

Construction · Architecture · Engineering · Interior Design · Homebuilding & Renovation · Property Management

Overcoming workforce, health, productivity and technological challenges continue to drive the construction industry

Explore effective mechanisms for overcoming the construction industry's chronic labour shortage and improving workplace culture. What steps have been taken to prioritize mental health and combat burnout amongst tradespeople? What is technology's role in streamlining construction processes whiles enhancing productivity and safety at construction sites? How do you identify the right delivery model for your procurement needs?

Join us at BUILDEX as these questions and more are discussed by respected thought leaders and subject matter experts.

LEAR PROFESSIONAL ORGANIZATION FOR CONSTRUCTION



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Featured Ser	ninars	PMI CREDITS AVAILABLE
	WEDNESDAY, OCTOBER 23	
9:00am – 12:00pm	W07 - Myth Busters Take on Collaborative Project Delivery	
10:30am – 11:30am	W12 - Building Stronger Foundations: Constructing a Culture of Mental Wellness	
1:00pm – 2:00pm	W19 - Sustainability & Construction: A Case Study for Reducing Cost, Schedule & Emissions Through Construction Optimization	PRESENTING PARTNER endix
1:00pm – 2:00pm	W20 - Empowering Growth: Canada's Immigration Updates & Meeting Labour Demands in Alberta	
2:30pm – 3:30pm	W30 - Discovering Wealth in Waste: Circular Construction Practices	
	THURSDAY, OCTOBER 24	
10:00am – 11:00am	TO8 - Accelerating Al Adoption in Construction Through Demystification & Collaboration	
10:30am – 11:30am	T12 - Social Procurement in the Built Environment: Creating Social, Human, Cultural & Economic Capital	
11:45am – 12:45pm	T16 - Construction Keynote: Are You Tired of the Workforce Problem Yet?	PRESENTING Calgary Construction Association
2:30pm – 3:30pm	T29 - Building for Tomorrow: Sustainable & Resilient Concrete & Masonry	

Featured Exhibitors

Azek Building Supplies - Booth 308 BuildingPoint Canada - Booth 322 Panasonic Canada Inc. - Booth 114 Bailey Metal Products - Booth 618 OAM Aluminum - Booth 317 Super Save Group of Companies - Booth 219



Construction Keynote: Are You Tired of the **Workforce Problem Yet?**

PRESENTING PARTNER Calgary Construction **Association**

T16 - Thursday, October 24 • 11:45am - 12:45pm

The CCA has been working tirelessly to address some of Alberta's key workforce issues and help identify programs that represent real solutions. This keynote will examine how to look at the labour / workforce issue in terms of medium and long-term thinking while highlighting the valuable programs and resources available at the Workforce Solutions Centre.



Workforce Solutions Centre

Wed, Oct. 23 • 9:30am - 6:00pm Thurs. Oct. 24 • 9:30am - 3:00pm



The Workforce Solutions Centre. sponsored by Calgary Construction

Association has been created in response to the workforce crisis in Western Canada, providing a center point for the exchange of information, connections and solutions concerning work and labour at BUILDEX.

MEET THESE TRANSFORMATIVE PARTNERS:

















Gain leading insights on sustainability best practices and strategies through case study examples

Discover the major changes under the National Building Code 2023 (Alberta Edition) and National Energy Code 2020, best practices and lessons learned on leveraging Al for architectural design, and the latest in collaborative technologies and delivery models.

Get ahead on the 2024–2026 professional development reporting period; BUILDEX offers an efficient and economical option for earning Alberta Association of Architects (AAA) structured learning hours.

Featured Seminars

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	AAA ELAINING HOONS AVAILABLE	
	WEDNESDAY, OCTOBER 23	
10:30am – 11:30am	W10 - The National Building Code Alberta Edition NBC (AE) Division B Part 3, National Fire Code Alberta Edition NFC (AE) & Harmonization of Codes in Canada	
12:45pm – 1:45pm	W17 - The BMO Centre Expansion: A Study of Parametric Design & Robust Construction for the Building You Are Sitting In	
1:00pm – 2:00pm	W18 - Missing Middle Passive House MURB: Lessons Learned 1 Year Post Occupancy	
2:30pm – 3:30pm	W27 - Leveraging Generative AI for Better Architecture & Design	
3:30pm – 4:30pm	W35 - Smart Sustainable Tech Showcase SPONSORED BY SSRIA	
THURSDAY, OCTOBER 24		
9:00am – 10:00am	T01 - Transforming Arts Commons: Preparing to Deliver the \$660M Arts Commons Campus	
12:30pm – 1:30pm	T17 - Contextual Intelligence: Architectural Case Studies for Designing With AI & Computation	
1:00pm – 2:00pm	T18 - From Revit to Digital Twin: Lessons Learned From a Transformational Journey	
2:30pm – 3:30pm	T27 - Unlocking the Potential of Mass Timber in Alberta	

Featured Exhibitors

DuROCK Alfacing International – Booth 310	Reinforcing Steel Institute of Canada – Booth 514	Rotho Blaas Canada Construction Products Inc – Booth 710
Imperial Building products Ltd - Booth 429	ROCKWOOL – Booth 411	Vectorworks - Booth 223



Architecture Keynote: Hop on the Train or Get Left Behind: The Inevitable Amalgamation of Architects' Ingenuity & Artificial Intelligence

W16 - Wednesday, October 23 • 11:30am - 12:30pm

Artificial intelligence (AI) is a game-changer in today's architecture profession. With its advanced modelling capabilities and techniques, architects are better equipped to streamline mundane tasks such as drawing annotations, report writing, and code compliance checks as well as make better decisions regarding key design features including structural integrity, carbon footprint, energy efficiency, and user comfort.

The deployment of AI comes with risks such as accuracy concerns and job displacement fears. As with past transitions from hand drafting to CAD and CAD to BIM, adaptation is key. AI can significantly advance sustainability by optimizing building designs, managing budgets, and improving overall efficiency.



Megan Brooks Leader Design Technology, Associate, DIALOG



Ben Hackman Architectural Technologist, DIALOG



Brent Mauti CTO, Turner Fleischer



Jinmo Rhee
Associate Professor, School of
Architecture Planning and Landscape
(SAPL), University of Calgary

Stay current on the latest code changes and understand how to achieve ambitious emissions-neutral and embodied carbon targets

Truly understand the changes presented by the 2023 National Building, Fire and Energy Codes (Alberta Editions) and how these will impact electrical, mechanical and structural design in the province. Hear the latest from local projects targetting emissions-neutral and low embodied carbon standards through the Alberta Ecotrust ENBIX Education Stream. And, take away practical insight on harnessing heat pumps, air tightness testing and high-performance wall assemblies.

Connect with your fellow engineers, technicians, energy consultants, and building scientists alongside the whole industry at BUILDEX.

Featured Seminars		PMI CREDITS AVAILABLE	
	WEDNESDAY, OCTOBER 23		
9:00am – 10:00am	WO2 - Case Studies of Emissions-Neutral Buildings in Rural Alberta	PRESENTING PARTNER enbix @ecotrust	
9:00am – 10:00am	WO4 - Harnessing Heat Pump Technology for Decarbonization in Alberta		
10:30am – 11:30am	W11 - Building Beyond Code: Exploring High-Performance Residential Wall Assemblies	PRESENTING PARTNER enbix @ecotrust	
2:30pm – 3:30pm	W30 - Discovering Wealth in Waste: Circular Construction Practices		
	THURSDAY, OCTOBER 24		
9:00am – 10:00am	TO2 - Carbon Couture: Dressing Up Buildings With Embodied Carbon Reduction	PRESENTING PARTNER enbix @ecotrust	
10:30am – 11:30am	T10 - Large Building Air Tightness: National Energy Code of Canada for Buildings (NECB) 2020 & Beyond		
10:30am – 11:30am	T11 - Adopting Adaption: Climate Risk Mitigation Across Canada	PRESENTING PARTNER enbix @ecotrust	
2:30pm – 3:30pm	T28 - Evolving Sustainable Design Approaches for Commercial Project	sponsored by unitiwall	

Featured Exhibitors

Beaver Plastics Ltd – Booth 417	Fox Blocks - Booth 619	MODUS - Booth 119
Centrothem Eco Systems - Booth 423	John Brooks Company Ltd – Booth 328	UnitiWall Corporation - Booth 504

FREE TO ATTEND — NEW FOR 2024!

Engineering Keynote: Achieving an Emissions-Neutral Built Environment in a Climate-Resilient Future

W25 - Wednesday, October 23 • 1:00pm - 2:00pm

Revolutionizing the built environment remains a critical aspect of Canada's strategy to reduce emissions to 45% by 2030 and achieving net zero emissions by 2050 respectively. Presently, the building industry is responsible for about 39% of global carbon emissions emanating from operational emissions as well as materials and construction. This panel of industry experts will share strategies and best practices for achieving net zero targets collectively as an industry while addressing climate risk concerns.



Tanya Doran Principal, Carbon Lead Western Canada, Stantec



Regan Moffatt Smith + Andersen



Lyle Scott Principal, Footprint



Tricia Smith Partner, General Manager, Calgary Office, WalterFedy

FREE TO ATTEND

W35: Smart Sustainable **Tech Showcase**

Wed, Oct. 23 · 3:30pm-4:30pm

Location: Tradeshow Floor -**TECHCENTRIC (Booth 123)**

The Smart Sustainable Tech Showcase provides innovative

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SSRIA

companies revolutionizing the AEC industry with game-changing carbonneutral technologies and processes an opportunity to gain valuable exposure and establish new connections across Alberta's built environment.

Tackling downtown safety and security challenges, understanding shifting tenant expectations, and mastering individual asset and portfolio retrofits

LEAR PROFESSIONAL ORGANIZATION FOR PROPERTY MANAGEMENT

Falling residential vacancy rates, rental control, and looming capital projects pose key challenges for residential property managers. Meanwhile, office vacancy rates and downtown safety continue to prolong the headache in commercial real estate.

Repurposing existing assets, adoption of advanced technologies such as AI, and portfolio decarbonization to support ESG goals form major focus areas for property management programming at BUILDEX this year.

Featured Ser	minars BOMI CREDITS AVAILABLE		
	WEDNESDAY, OCTOBER 23		
9:00am – 10:00am	W06 - Navigating Net Zero: A Roadmap for Commercial Building Owners		
10:15am – 11:15am	W09 - Technology as a Foundation for Operational & Energy Efficiency		
10:30am – 11:30am	W15 - Redefining & Reducing Corporate Workspaces: Pioneering Hybrid Environments for Tomorrow's Offices		
2:00pm - 3:00pm	W26 - Multi-Unit Residential Buildings in (EV) Motion: Technologies & Policies for Today & Tomorrow		
THURSDAY, OCTOBER 24			
9:00am – 10:00am	T06 - Navigating the Rental Crisis: A Common Sense Look at Rent Control legislation		
10:30am – 11:30am	T14 - Mitigating Overheating in Residential Buildings Through Climate Resilient & Sustainable Retrofit Measures		
1:00pm – 2:00pm	T22 - The Fundamentals of Good Contract Procurement Collaboration & Administration		
2:30pm – 3:30pm	T30 - Gathering in the Workplace: A New Approach		
2:30pm – 3:30pm	T32 - We've Got 99 Problems, and Housing Is All of Them		

Featured Exhibitors

Axis Communications - Booth 329	Mircom Group- Booth 519	TELUS Business - Booth 517
Livabl by Zonda – Booth 522	Salto Systems- Booth 435	Yardi Canada Ltd. – Booth 100



Property Management Keynote: Commercial Real Estate & Community Partners: A Collaborative Approach to **Alberta's Downtown Cores**

W34 - Wednesday, October 23 · 2:30pm - 3:30pm

Calgary and Edmonton's downtowns have faced significant challenges in recent years: economic recovery from the energy price crash, the COVID-19 pandemic, opioid crisis and rising numbers of unhoused residents. Join this session for insight on the approaches the industry and its partners have taken to address public safety and person's experiencing

PRESENTING PARTNER homelessness to improve the downtown environment.



IFMA x BUILDEX Networking Social

Thursday, October 24 • 12:00pm - 2:30pm

Location: BUILDEX Central Bar & Networking Hub

Join the IFMA member social and learning event at BUILDEX as they celebrate 25 years of excellence in Alberta! Network with your peers and leading experts as we discuss the future of residential. commercial, institutional, and industrial projects in the province.

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Alberta Real Estate Foundation

Advance your personal output and design practice with new approaches, inspiration and valuable connections

Gain actionable take aways for creating inclusive, empowering and accommodating workplaces that encourage staff to return to the office; or find proven techniques for leveraging artificial intelligence to boost your productivity and designs. And, ensure your spaces provide meaningful and truly universal access.

Act now! Fulfill your IDCEC continuing education requirements at BUILDEX Alberta before IDA's reporting cycle ends on December 31, 2024.

LEAD PROFESSIONAL ORGANIZATION FOR INTERIOR DESIGN



Featured Seminars

	DCEC CREDITS AVAILABLE		
WEDNESDAY, OCTOBER 23			
W10 - The National Building Code Alberta Edition NBC (AE) Division B Part 3, National Fire Code Alberta Edition NFC (AE) &	Harmonization of Codes in Canada		
W15 - Redefining & Reducing Corporate Workspaces: Pioneering Hybrid Environments for Tomorrow's Offices			
W23 - Business Architecture for Small & Medium-Sized AEC Firms: Big Strategies for Driving Change & Revenue			
W27- Leveraging Generative Al for Better Architecture & Design			
THURSDAY, OCTOBER 24			
T04 - Tying Wellbeing to Identity: Creating Healthy, Meaningful Spaces Through Experiential Graphic Design (EGD)	SPONSORED BY SLEEK (SIGNS		
T09 - Interior Design Keynote: Empowering Workspaces: Designing for Neurodivergent Inclusivity	PRESENTING PARTNER INTERIOR DESIGNERS OF ALBERTA		
T13 - Universal Design: The Good, the Bad & the Ugly			
T21 - Removing Barriers: The Cost to Build & Retrofit Existing Buildings to Ensure Meaningful Access			
T30 - Gathering in the Workplace: A New Approach			
	WEDNESDAY, OCTOBER 23 W10 - The National Building Code Alberta Edition NBC (AE) Division B Part 3, National Fire Code Alberta Edition NFC (AE) 8 W15 - Redefining & Reducing Corporate Workspaces: Pioneering Hybrid Environments for Tomorrow's Offices W23 - Business Architecture for Small & Medium-Sized AEC Firms: Big Strategies for Driving Change & Revenue W27- Leveraging Generative AI for Better Architecture & Design THURSDAY, OCTOBER 24 T04 - Tying Wellbeing to Identity: Creating Healthy, Meaningful Spaces Through Experiential Graphic Design (EGD) T09 - Interior Design Keynote: Empowering Workspaces: Designing for Neurodivergent Inclusivity T13 - Universal Design: The Good, the Bad & the Ugly T21 - Removing Barriers: The Cost to Build & Retrofit Existing Buildings to Ensure Meaningful Access		

Featured Exhibitors

Building Products West – Booth 316	Hyd-Away of Southern Alberta – Booth 616	Panelux – Booth 428
Cloverdale Paint – Booth 209	Innotech Windows + Doors - Booth 105	Tevagrow – Booth 117

Interior Design Keynote: Empowering Workspaces: Designing for PRESENTING **Neurodivergent Inclusivity**

T09 - Thursday, October 24 • 10:15am - 11:15am

As workspaces strive to become more inclusive, it is essential to consider the diverse needs of all employees, including those with neurodivergent conditions such as autism, ADHD, and dyslexia. This session will explore innovative design principles, implementation strategies, and personal experiences that highlight the importance of neurodivergent inclusivity in the workplace.

Attendees will gain practical knowledge, hear diverse perspectives, and leave with actionable strategies to make the workplace more accommodating and empowering, not only for neurodivergent individuals, but for everyone.





Jocelyne Holland Founder, Partner, Holland Licensed Interior Design





Rhea Kachroo Service Designer, J5 Design Studio

FREE TO ATTEND



Kay Sargent Senior Principal, Director of Thought Leadership, Interiors, HOK

Minimize construction costs with practical financial strategies, new technologies and time-tested processes

As a homebuilder or renovator, how do you strike the right balance between affordability, innovation and sustainability requirements? What is the role of new technologies in mitigating the effects of labour shortage while ensuring faster delivery of projects, workplace safety and logistical savings? How has the shift away from homeownership to rental impacted the homebuilding and renovation space? With inflation, interest rates, and construction costs on the rise, what risk mitigation strategies can be employed to cut costs and prevent erosion of profits?

Attend BUILDEX to gain fresh perspectives on these matters and access game-changing products and solutions which could make a considerable difference in your next project.

Featured Seminars

WEDNESDAY, OCTOBER 23			
9:00am - 10:00am	W05 - Building Green for a Sustainable & Resilient Future From an Alberta Research & Innovation Perspective		
10:30am – 11:30am	W13 - Maintaining Housing Affordability While Prioritizing Decarbonization		
10:30am – 11:30am	W14 - Low-Rise Residential Deep Energy Retrofit Planning: A Case Study in Portfolio Level Parametric Optimization for Cost & Emissions		
THURSDAY, OCTOBER 24			
9:00am – 10:00am	T05 - Solar-Ready Design: Preparing for Solar Photovoltaics		
10:30am – 11:30am	T14 - Mitigating Overheating in Residential Buildings Through Climate Resilient & Sustainable Retrofit Measures		
1:00pm - 2:00pm	T20 - Net Zero the Easy Way: The Active Approach		
1:00pm - 2:00pm	T23 - Case Studies on Integrated Project Delivery Practices: Leveraging Collaborative Tools for an Improved Design Process		
2:30pm – 3:30pm	T31 - Using Production Control Principles to Improve Project Control, a General Contractor's Perspective		

Featured Exhibitors

James Hardie Building Products – Booth 309	Light Trim Siding Solutions – Booth 305	Sonopan – Booth 410
K2 Stone - Booth 631	Lumon – Booth 203	Talius - Booth 718



Homebuilding & Renovation Keynote: Balancing Supply, Affordable & High-Performance **Requirements for Homebuilding**

T25 - Thursday, October 24 • 1:15pm - 2:15pm

Alberta's high housing demand has made it challenging for homebuilders and consumers to balance affordability while seeking high-performance and energy efficient homes. Renovators conducting energy retrofits are challenged with effectively communicating the benefits to homeowners when compared to less conscious renovation costs. Join this engaging and insightful keynote for homebuilding and renovation professionals to explore these topics and more.



Product Demonstration Stage

Wed, Oct. 23 • 9:30am - 3:30pm & Thu, Oct. 24 • 9:30am - 3:00pm

Location: Tradeshow Floor (Booth 701)

Discover the latest products, services, and technologies from across the building and construction industry at the Product Demonstration Stage. Find new solutions that will transform your business and save you time and money.

All sessions on the Product Demonstration Stage are free to attend for all pass holders.

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DEMO STAGE



DD01: Streamlining Project Management: Leveraging AI for Automated Project Financials

Wednesday, October 23 • 10:00 AM - 10:30 AM

The era of manual project financial tracking is rapidly coming to an end, thanks to advancements in Artificial Intelligence (AI) technology. In today's fast-paced business environment, project managers are tasked with juggling numerous responsibilities, often struggling to keep up with the dynamic nature of project costs and financial tracking.

In this session, the speaker will explore how leveraging online Last Planner System (LPS) tools can alleviate the burden on project managers by automating project financials and allowing them to focus on strategic decisionmaking and project success.



DD02: Revolutionizing Jobsites With Digital Technology & Maturity Testing

Wednesday, October 23 • 11:30 AM - 12:00 PM

Concrete, the second most-used substance on Earth behind water, is common from roads and sidewalks to bridges and skyscrapers. Yet, it comes with certain age-old weaknesses such as cracks and is a global contributor of rising temperatures over the last century.

With a solution ecosystem encompassing advanced IoT sensors that are changing the face of concrete data, combined with predictive Al-based models, Giatec is revolutionizing the concrete industry one jobsite at a time.



DD04: Maximize Your Sales: High-Impact Marketing Strategies to Dominate Construction & Real Estate

Wednesday, October 23 • 2:00 PM - 2:30 PM

Are you ready to dominate your market and explode your sales? In this high-energy, nononsense session, join a proven marketing expert and pull back the curtain on the aggressive strategies your competitors don't want you to know about. It's time to stop playing small and take bold action. The speaker will break down how to use cutting-edge digital marketing techniques, hyper-targeted campaigns, and data-driven insights to not only stand out but to own your market. Whether you are in construction, real estate, or related industries, you'll discover how to generate a flood of qualified leads that actually convert into paying customers.





DD05: Modernizing Apprenticeship Education

Wednesday, October 23 • 3:00 PM - 3:30 PM

Alberta Apprenticeship and Industry Training has developed and tested new educational products to aid sponsors, mentors, trainers, and apprentices with the journey associated to an apprenticeship education program. These products are designed to promote greater flexibility, provide better resilience and supports, and enhance the learning experience while reducing barriers.

The speaker will explain how the products have been crafted to provide and encourage greater participation in the adventure and elevate the value and esteem of tradespeople and their profession. Attendees will learn how the new products were designed to accommodate the rapid rate of technological and industrial advancements and increase training customization for highly sophisticated industries.



DD08: Innovative Parkade Exhaust Monitoring: Ensuring Air Quality & Incident-Free Environments

Thursday, October 24 • 11:00 AM - 11:30 AM

Canada leads the world in the number of attached and underground parking garages. In 2013, Health Canada identified attached garages as a new cancer risk for Canadians, raising concerns about the dangers of toxic fumes. However, the high energy costs associated with ventilating large parkades present a significant challenge. This session demonstrates the latest advancements in exhaust gas monitoring technology, emphasizing their crucial role in maintaining healthy air quality standards and preventing incidents. Through case studies and data-driven insights, participants will discover how real-time pollutant detection, optimized ventilation, and reduced energy costs are achieved with modern exhaust gas sensors. Consulting engineers will gain valuable knowledge on incorporating improved gas detection design into their projects.

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BUILDEX MAIN STAGE WEDNESDAY



W08: Sustainability in the Built Environment: The Dream, the Pain Points, the Possibilities

Wednesday, October 23 • 10:00AM - 11:00AM

The design and construction industry is becoming more and more focused on being sustainable, whether mandated by government or to meet stakeholder ESG goals. Many parts of the industry are lagging in being green, and there are barriers to implementing sustainable solutions including cost and accessibility of materials and expertise. Making sustainable choices today is hard as stakeholders and regions all have different constraints and values, some of which may work in opposition to each other.

Attendees will be joining a panel of experienced professionals from different industry sectors as they share their experiences on sustainability in the built environment, from celebrating wins and barriers to making choices and lessons learned.



W25: Engineering Keynote: Achieving an Emissions-Neutral Built Environment in a Climate-Resilient Future

Wednesday, October 23 · 1:00PM - 2:00PM

Revolutionizing the built environment remains a critical aspect of Canada's strategy to reduce emissions to 45% by 2030 and achieving net zero emissions by 2050 respectively. Presently, the building industry is responsible for about 39% of global carbon emissions emanating from operational emissions as well as materials and construction. This panel of industry experts will share strategies and best practices for achieving net zero targets collectively as an industry while addressing climate risk concerns.

The discussion will focus on the following topics:

- Reducing operational and embodied carbon emissions by implementing energy efficiency measures and sourcing low carbon materials
- Best practices for designing energy-efficient and climate-resilient buildings including risks and opportunities
- Understanding whole-building life carbon assessment principles and factors influencing carbon emissions in new and existing buildings



W16: Architecture Keynote: Hop on the Train or Get Left Behind: The Inevitable Amalgamation of Architects' Ingenuity & Artificial Intelligence

Wednesday, October 23 • 11:30AM - 12:30PM

Artificial intelligence (AI) is a game-changer in today's architecture profession. With its advanced modelling capabilities and techniques, architects are better equipped to streamline mundane tasks such as drawing annotations, report writing, and code compliance checks as well as make better decisions regarding key design features including structural integrity, carbon footprint, energy efficiency, and user comfort.

The deployment of Al comes with risks such as accuracy concerns and job displacement fears. Adaptation is key. Al can significantly advance sustainability by optimizing building designs, managing budgets, and improving overall efficiency.



W34: Property Management Keynote: Commercial Real Estate & Community Partners: A Collaborative Approach to Alberta's Downtown Cores

Wednesday, October 23 · 2:30PM - 3:30PM

Calgary and Edmonton's downtowns have faced significant challenges coming out of the energy price crash and the COVID-19 pandemic. The opioid crisis that has devastated unhoused downtown residents, combined with the reduced presence of office workers



Alberta

Real Estate

throughout the pandemic has added new urgency to the topic. In particular, Alberta's downtown residents, office workers, and visitors report feeling unsafe, while there is a lack of access to addictions and recovery treatment for our most vulnerable downtown residents. While the commercial properties and their staff are on the front line of this issue by virtue of location, the challenges faced require the cooperation and collaboration of all downtown stakeholders.

Join this session for an engaging panel discussion focused on the approaches the industry and its partners in Calgary and Edmonton have taken to address public safety and person's experiencing homelessness.

BUILDEX MAIN STAGE THURSDAY



T09: Interior Design Keynote: Empowering Workspaces: **Designing for Neurodivergent Inclusivity**

Thursday, October 24 • 10:15AM - 11:15AM

PRESENTING

Calgary

Construction

Association

As workspaces strive to become more inclusive. it is essential to consider the diverse needs of all employees, including those with neurodivergent conditions such as autism, ADHD, and dyslexia. This session will explore innovative design principles, implementation strategies, and personal experiences that highlight the importance of neurodivergent inclusivity in the workplace.



T16: Construction Keynote: Are You Tired of the Workforce Problem Yet?

Thursday, October 24 • 11:45 AM - 12:45 PM

Workforce and labour shortages continue to impact construction in all sectors. Is there a solution in sight?

The Calgary Construction Association has been working tirelessly over the past year to address some of the key workforce issues and help identify areas that will make the most significant impact.

This insightful keynote will examine how we can look at the labour / workforce issue differently, in terms of medium- and long-term thinking (as opposed to short term) and the valuable programs and resources available at the Workforce Solutions Centre at BUILDEX.



T25: Homebuilding & Renovation Keynote: Balancing Supply, Affordable & High-Performance Requirements for Homebuilding

Thursday, October 24 • 1:15PM - 2:15PM

In August, Alberta's benchmark home price rose to \$515,700; an increase of almost 8% compared to 2023. However, housing demand continues to outpace supply due to Alberta's record-breaking population growth, relatively affordable home prices, and a stronger economic outlook, making the province more attractive to job seekers and home buyers.

Alberta's housing demand has made it challenging for homebuilders and consumers to balance affordability while seeking high-performance and energy efficient homes. Renovators conducting energy retrofits on existing homes may also experience challenges in effectively communicating the benefits to homeowners when compared to the renovation costs.

This engaging and insightful keynote aimed at homebuilding and renovation professionals will explore:

- Homebuilders and homeowners can balance cost with net zero targets/ objectives
- · Primary obstacles preventing builders and developers from committing to green building technologies and energy efficiency
- · Creating awareness about funding and resources available to clients, such as the Canada Mortgage and Housing Corporation's (CMHC) Green Home Rebate
- · Overview of CHBA's Net Zero Home Labelling Program to standardize technical requirements for two levels of net zero labels

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WEDNESDAY, OCTOBER 23

Wednesday, October 23 • 10:15 AM - 11:15 AM

W09: Technology as a Foundation for Operational & Energy Efficiency

Wednesday, October 23 • 12:00 PM – 12:30 PM

TD01: Vectorworks Architect: Design Without Limits From Sketch to BIM

FREE TO ATTEND

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Wednesday, October 23 • 12:45 PM - 1:45 PM

W17: The BMO Centre Expansion: A Study of Parametric Design & Robust Construction for the Building You Are Sitting In

Wednesday, October 23 • 2:00 PM - 3:00 PM

W26: Multi-Unit Residential Buildings in (EV) Motion: Technologies & Policies for Today & Tomorrow

Wednesday, October 23 • 3:30 PM - 4:30 PM W35: Smart Sustainable Tech Showcase



SSRIA

THURSDAY, OCTOBER 24

Thursday, October 24 • 10:00 AM - 11:00 AM

TO8: Accelerating Al Adoption in Construction Through Demystification & Collaboration

Thursday, October 24 • 11:30 AM - 12:00 PM

TD02: Sage Intacct Real Estate: Transforming Property Management FREE TO ATTEND

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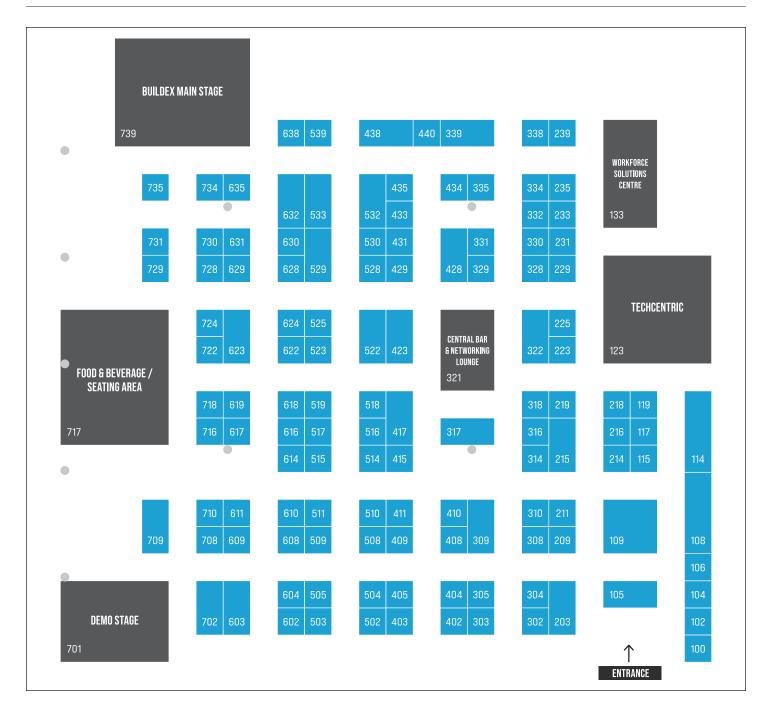


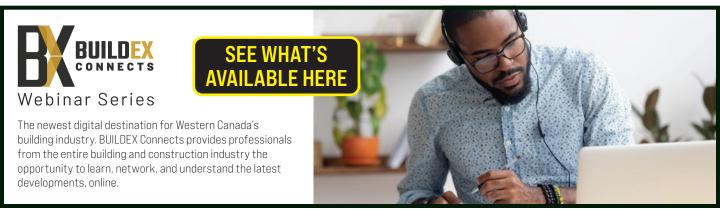
Thursday, October 24 • 12:30 PM - 1:30 PM

T17: Contextual Intelligence: Architectural Case Studies for Designing With AI & Computation

Thursday, October 24 • 2:00 PM - 3:00 PM

T26: Revolutionizing the Future of the AEC Industry With Real-Time 3D





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SUSTAINABILITY INITIATIVE AT BUILDEX

Prioritizing sustainability is critical to the BUILDEX team, and parent company Informa, as we understand the environmental impact of the events industry.

BUILDEX strives to identify, understand, and address these impacts to achieve continual improvement year after year. Not only are we committed to running our events in an environmentally and socially responsible way, but we also strive to go further and inspire the sustainable development of the industry we serve, and in the community we foster.

We have made changes, such as, removing aisle carpet from the show floor, the elimination of printed show guides, reducing materials and giveaways ordered, partnering with local non-profits, tracking our energy and wastage and purchasing renewable energy to offset our carbon emissions for each BUILDEX event in efforts to reduce our carbon footprint.



Brand New Venue & Approach

This year, BUILDEX Alberta will take place at the newly expanded BMO Centre at Stampede Park.

For over 110 years BMO Centre & Properties have been stewards of Stampede Park, which houses 35 acres of naturalized space nestled along the Elbow River. Rich with biodiversity, native vegetation and local pollinators, the land and aquatic ecosystems are protected and continue to thrive due to numerous ongoing conservation programs and partnerships. The venue strives to be a leader in responsible consumption by first seeking to reduce the amount they use, and second to source reusable, recyclable or compostable materials wherever possible. Numerous recycling and composting initiatives have been launched, driving their waste diversion rate to over 78 percent.



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If you have any questions related to event, please contact us at BUILDEXshows@informa.com