



# ATTENDEE PLANNER

25  
YEARS

## FUELING GROWTH, FOSTERING COLLABORATION, DRIVING INNOVATION

**BUILDEX Alberta**

**October 23 & 24, 2024**

BMO Centre at Stampede Park

[buildexalberta.com](http://buildexalberta.com)

[@buildingscanada](https://twitter.com/buildingscanada)

[#buildexalberta](https://twitter.com/buildingscanada)

**SHOW OVERVIEW**

# 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.

**100+ Leading Manufacturers, Distributors & Suppliers**

**115+ Industry Speakers & Panelists**

**70+ Educational Seminars, Keynotes, Workshops and Product Demos**

**2 Days**

**1 Investment**

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

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

**EARLY BIRD DEADLINE: Friday, September 6**  
 Register by Friday, September 6 to lock in the lowest rates at [www.buildexalberta.com](http://www.buildexalberta.com)



## 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 2 weeks 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 you who 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
- Send and receive meeting requests and instant messages with other attendees.

**LAUNCHES 2 WEEKS 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



# 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 all of your industrial, commercial, institutional and residential application needs.

## BUILDEX Alberta 2024 Exhibitor Categories

- |  |   |  |
|--|---|--|
| <ul style="list-style-type: none"> <li>• Construction Technologies</li> <li>• Building Envelope, Exteriors, Thermal &amp; Moisture Protection</li> <li>• Architectural Materials, Products, Services &amp; Technologies</li> <li>• Construction Materials</li> <li>• HVAC &amp; Mechanical Systems</li> <li>• Building Automation Controls and Systems</li> <li>• Energy Management &amp; Power</li> <li>• Windows, Doors, &amp; Glass</li> <li>• Interior Design Products and Finishes</li> <li>• Steel &amp; Metal Products</li> <li>• Concrete Products &amp; Materials</li> <li>• Appliances/Electronics</li> <li>• Building Envelope</li> <li>• Building Maintenance Products &amp; Services</li> <li>• Building Materials/Supplies/Services</li> </ul> | <ul style="list-style-type: none"> <li>• Communication Systems</li> <li>• Concrete &amp; Stone Construction</li> <li>• Decks/Decking</li> <li>• Doors</li> <li>• Educational</li> <li>• Electrical</li> <li>• Elevators, Lifts &amp; Escalators</li> <li>• Energy Management</li> <li>• Environmental Services</li> <li>• Financial Services</li> <li>• Flooring &amp; Floorcoverings</li> <li>• Government Housing Products &amp; Systems</li> <li>• Interior Design Products &amp; Finishes</li> <li>• Landscaping</li> <li>• Lighting</li> <li>• Parking &amp; Roadways</li> <li>• Pests/Animal Control</li> </ul> | <ul style="list-style-type: none"> <li>• Photography/ Videography</li> <li>• Plumbing</li> <li>• Pre-Manufactured Building Systems</li> <li>• Property/Asset Management</li> <li>• Restoration Products and Services</li> <li>• Roofing Products/Services</li> <li>• Security &amp; Life Safety</li> <li>• Shipping/Logistics</li> <li>• Signage</li> <li>• Staffing Solutions</li> <li>• Technology Solutions for Property Management, Design, Engineering &amp; Construction</li> <li>• Tools/Equipment/Hardware</li> <li>• Vehicles</li> <li>• Waste Management</li> <li>• Wood Products &amp; Engineered Wood</li> </ul> |
|--|---|--|



View full details, including exhibitor information and floorplan, at [www.BUILDEXAlberta.com](http://www.BUILDEXAlberta.com)



## SHOW PRICING & PASSES DETAILS

# 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.

<b>PASS PRICING</b>	<b>ALL ACCESS PASS</b>	<b>BUILD YOUR OWN PROGRAM</b>	<b>TRADE SHOW PASS</b>	<b>NON-EXHIBITING SUPPLIER PASS</b>	<b>BUILDEX ON-DEMAND PASS</b>
<b>EARLY BIRD</b> Until September 6	<b>\$300</b>	<b>\$50 – \$125</b>	<b>\$15</b>	<b>\$400</b>	<b>\$150</b>
<b>REGULAR</b> After September 6	<b>\$350</b>	<b>\$65 – \$145</b>	<b>\$30</b>	<b>\$600</b>	<b>\$150</b>
<b>PASS BENEFITS</b>					
Conference Level Seminars (Wed & Thu)	✓ Any Seminars	✓ Individual Sessions Purchased à la Carte			
Unlimited Access to the Tradeshow Floor (Wed & Thu)	✓	✓	✓	✓	
BUILDEX Main Stage Programming	✓	✓	✓	✓	
TECHCENTRIC Seminars and Demos	✓ All Seminars and Demos	✓ Demos Only	✓ Demos Only	✓ Demos Only	
Demonstration Stage Demos	✓	✓	✓	✓	
BUILDEX 25th Anniversary Industry Networking Reception	✓	✓	✓	✓	
Show Floor Features	✓	✓	✓	✓	
All Industry Keynotes	✓	✓	✓		
2-Day Lunch Voucher for \$20 each day	✓				
BUILDEX Recorded Seminars On Demand Post Show	✓				✓
Streamly Access (Until January 31, 2025)	✓				✓
Partial Credit Against 2025 Exhibition Cost				✓	

# Recommended Attendee Pass Options

## All Access Pass – Best Value!

The recommended attendance option. Maximize your time and return from BUILDDEX 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 BUILDDEX Main Stage session
- BUILDDEX On-Demand, with access to recorded content from BUILDDEX Alberta 2024, PLUS a library of more than 50 hours of content from BUILDDEX 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 BUILDDEX 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 BUILDDEX 25th Anniversary Industry Networking Reception
- Lunch on both days (value \$40)

## Build Your Own Program

For those with limited time at BUILDDEX. 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 BUILDDEX 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 BUILDDEX 25th Anniversary Industry Networking Reception



# Additional Ways to Attend

## Tradeshow Pass

Our lowest cost, trade show floor access-only 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 BUILDDEX Main Stage session
- 2 days of formal and informal networking opportunities
- Complimentary drink at the BUILDDEX 25th Anniversary Industry Networking Reception

## Non-Exhibiting Supplier

Mandatory pass for non-exhibiting brands, manufacturers, suppliers, and reps. Uncover what BUILDDEX 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 BUILDDEX Main Stage session
- Complimentary drink at the BUILDDEX 25th Anniversary Industry Networking Reception
- Partial credit on your 2025 exhibition cost if BUILDDEX is right for you!

## BUILDDEX 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 BUILDDEX and the Buildings Canada portfolio until Jan. 31, 2025

# 2024 SHOW FEATURES



## Workforce Solutions Centre

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 BUILDDEX.



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

**Location: Tradeshow Floor (Booth 133)**

### SUPPORTING PARTNERS



## BUILDDEX Main Stage

The BUILDDEX 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 BUILDDEX 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 734)**



## W35: Smart Sustainable Tech Showcase

The Smart Sustainable Tech Showcase provides innovative companies revolutionizing the AEC industry with game-changing carbon-neutral technologies and processes 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)**



## 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)**





## Free to Attend Sessions

Extended programming and free to attend educational sessions, product demonstrations and Keynote discussions on the BUILDDEX tradeshow floor. Join your choice seminars as BUILDDEX 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 High-performance 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**



## TECHCENTRIC

TECHCENTRIC is the hub for innovation and technology at BUILDDEX. 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)**



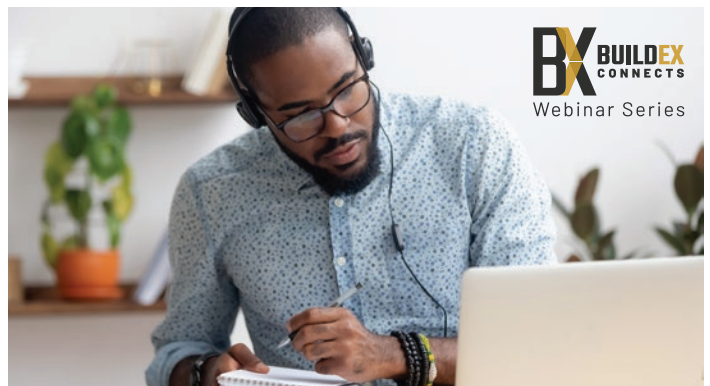
## Live Floorplans and Exhibitor Listings

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



## BUILDDEX On Demand

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



## BUILDDEX Connects Webinar Series

The newest digital destination for Western Canada's building industry. BUILDDEX Connects provides professionals from the entire building and construction industry the opportunity to learn, network, and understand the latest developments, online.



**FREE-TO-ATTEND EVENT FOR ALL BUILDDEX PASS TYPES**



## 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 BUILDDEX 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**

**NEW FOR 2024**



## 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 roundtable sessions dedicated to lean principles, culture, and best practice (session W24), collaborative project delivery practices (session W07) or high-performance residential wall assemblies (session W11).

**Wed, Oct. 23, 9:00am – 4:30pm & Thu, Oct. 24, 9:00am – 4:00pm**

**NEW FOR 2024**



## Speed Networking

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**



## Central Bar & Networking Hub

Host location for the BUILDDEX 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**



# 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.



## 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.



## 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.



## Housing Supply and Affordability

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



## 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.

**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 while enhancing productivity and safety at construction sites? How do you identify the right delivery model for your procurement needs?

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

LEAD PROFESSIONAL ORGANIZATION FOR CONSTRUCTION



## Featured Seminars

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
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	T08 - Accelerating AI 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: Details to be announced
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



## Workforce Solutions Centre

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 BUILDDEX.



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

SUPPORTING PARTNERS





## Gain leading insights on sustainability best practices and strategies through real-life 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 AI 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

AAA LEARNING HOURS AVAILABLE

#### WEDNESDAY, OCTOBER 23

9:00am – 10:00am	W01 - We Have the Technology, Now What? How We Are Evolving a Practice-Wide Culture of Computational Design
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
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

#### 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 Imperial Building products Ltd – Booth 429	Reinforcing Steel Institute of Canada – Booth 514 ROCKWOOL – Booth 411	Vectorworks – Booth 223
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FREE TO ATTEND



## 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 updates and achieve your sustainability targets with proven blueprints

Explore the newest energy requirements in the new Energy and Building Codes (Alberta Editions), and how these impact the design and construction of buildings. What is the role of heat pump technology in decarbonizing the built environment and how actionable tips could engineers implement to successfully achieve affordability and decarbonization while accelerating deep energy retrofit planning?

Connect with your peers at BUILDDEX to discuss this and more.

### Featured Seminars

PMI CREDITS AVAILABLE

WEDNESDAY, OCTOBER 23		
9:00am – 10:00am	W02 - Case Studies of Emissions-Neutral Buildings in Rural Alberta	PRESENTING PARTNER <b>enbix</b> 
9:00am – 10:00am	W04 - Harnessing Heat Pump Technology for Decarbonization in Alberta	
10:30am – 11:30am	W11 - Building Beyond Code: Exploring High-Performance Residential Wall Assemblies	PRESENTING PARTNER <b>enbix</b> 
2:30pm – 3:30pm	W28 - Energy Codes in Alberta: Trends, What's New & What's to Come	
THURSDAY, OCTOBER 24		
9:00am – 10:00am	T02 - Carbon Couture: Dressing Up Buildings With Embodied Carbon Reduction	PRESENTING PARTNER <b>enbix</b> 
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 <b>enbix</b> 
2:30pm – 3:30pm	T28 - Evolving Sustainable Design Approaches for Commercial Project	SPONSORED BY <b>unitiwall</b> 

### Featured Exhibitors

Beaver Plastics Ltd – Booth 417	Daikin Comfort Technologies – Booth 529	John Brooks Company Ltd – Booth 328
Centrothem Eco Systems – Booth 423	Fox Blocks – Booth 619	

**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**  
Principal,  
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 companies revolutionizing the AEC industry with game-changing carbon-neutral technologies and processes an opportunity to gain valuable exposure and establish new connections across Alberta’s built environment.





## Uncovering technological advancements, shifting tenant expectations, and advancing sustainability practices

LEAD PROFESSIONAL ORGANIZATION FOR PROPERTY MANAGEMENT



Building on the success of last year's SSRIA Innovation showcase, property managers will gain a competitive advantage as they discover the newest technologies and processes revolutionizing the carbon reduction space. Strategies on overcoming vacancy rates in commercial and residential buildings, affordable housing solutions, integration of Artificial Intelligence (AI) within property management, case studies on decarbonization of existing buildings, updates on the new Fire and Building codes in Alberta, balancing ESG requirements, and risk management tools will be explored.

### Featured Seminars

WEDNESDAY, OCTOBER 23	
9:00am – 10:00am	W06 - Navigating Net Zero: A Roadmap for Commercial Building Owners
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
2:30pm – 3:30pm	W34 - Property Management Keynote: Details TBA
PRESENTING PARTNER <b>BOMA CALGARY</b> SPONSORED BY <b>Alberta Real Estate Foundation</b>	
THURSDAY, OCTOBER 24	
9:00am – 10:00am	T06 - Navigating the Rental Crisis: A Common Sense Look at Rent Control legislation
10:30am – 11:30am	T15 - Will Canada Become a Nation of Renters & What Does This Mean for the Future of Canadian Real Estate?
1:00pm – 2:00pm	T22 - The Fundamentals of Good Contract Procurement Collaboration & Administration
2:30pm – 3:30pm	T32 - We've Got 99 Problems, and Housing Is All of Them

### Featured Exhibitors

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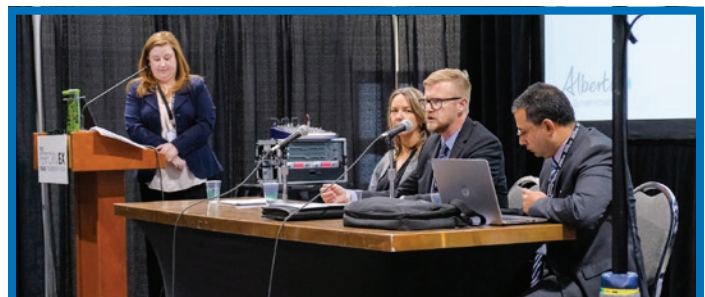
#### BUILDEX Main Stage

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.

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**Location: Tradeshow Floor**



#### 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 High-performance 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**

## Differentiate your interior design practice new ideas, inspiration and connections

Discover actionable strategies 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 productivity and improve design among others.

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

LEAD PROFESSIONAL ORGANIZATION FOR INTERIOR DESIGN



### Featured Seminars

**IDCEC CREDITS AVAILABLE**

THURSDAY, OCTOBER 24	
9:00am – 10:00am	T04 - Tying Wellbeing to Identity: Creating Healthy, Meaningful Spaces Through Experiential Graphic Design (EGD) <span style="float: right;">SPONSORED BY <b>SLEEK SIGNS</b></span>
10:15am – 11:15am	T09 - Interior Design Keynote: Empowering Workspaces: Designing for Neurodivergent Inclusivity
10:30am – 11:30am	T13 - Universal Design: The Good, the Bad & the Ugly
1:00pm – 2:00pm	T21 - Removing Barriers: The Cost to Build & Retrofit Existing Buildings to Ensure Meaningful Access
2:30pm – 3:30pm	T30 - Gathering in the Workplace: A New Approach

### Featured Exhibitors

Building Products West – Booth 316 Cloverdale Paint – Booth 209	Hyd-Away of Southern Alberta – Booth 616 Innotech Windows + Doors – Booth 105	Panelux – Booth 428
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**FREE TO ATTEND**



## Interior Design Keynote: Empowering Workspaces: Designing for 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.

This engaging and insightful panel discussion on creating empowering workspaces for neurodivergent individuals will explore:

- Key design principles for creating sensory-sensitive and accessible work environments
- Practical strategies for implementing neurodivergent-inclusive design in existing workplaces
- Insights from neurodivergent individuals on what makes a workplace truly inclusive and supportive
- and more



**Jocelyne Holland**  
Founder, Partner, Holland  
Licensed Interior Design



**Rhea Kachroo**  
Service Designer,  
J5 Design Studio



**Laura Lee Ross**  
Workplace Specialist,  
AGD Market Manager  
Southern Alberta, Teknion



**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 technology such as 3D printing 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
2:30pm – 3:30pm	W32 - Using Production Control Principles to Improve Project Control, a General Contractor's Perspective
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

### Featured Exhibitors

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



#### 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)**

# MAIN STAGE

FREE TO ATTEND



## 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.

FREE TO ATTEND



## 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 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.

FREE TO ATTEND



## 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

FREE TO ATTEND



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

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.



# 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 decision-making 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 AI-based models, Giatec is revolutionizing the concrete industry one jobsite at a time.



## 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.



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

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

Discover what Vectorworks Architect can do for your design process and your architectural projects. Join the speaker as they go from initial hand sketch to drawing, modelling, and rendering in a fully integrated BIM workflow – all within Vectorworks. Whether you are an architect or designer who is looking for a flexible, design-oriented solution or you are an existing Vectorworks user who wants to take your practice further, this seminar is for you.



## W35: Smart Sustainable Tech Showcase

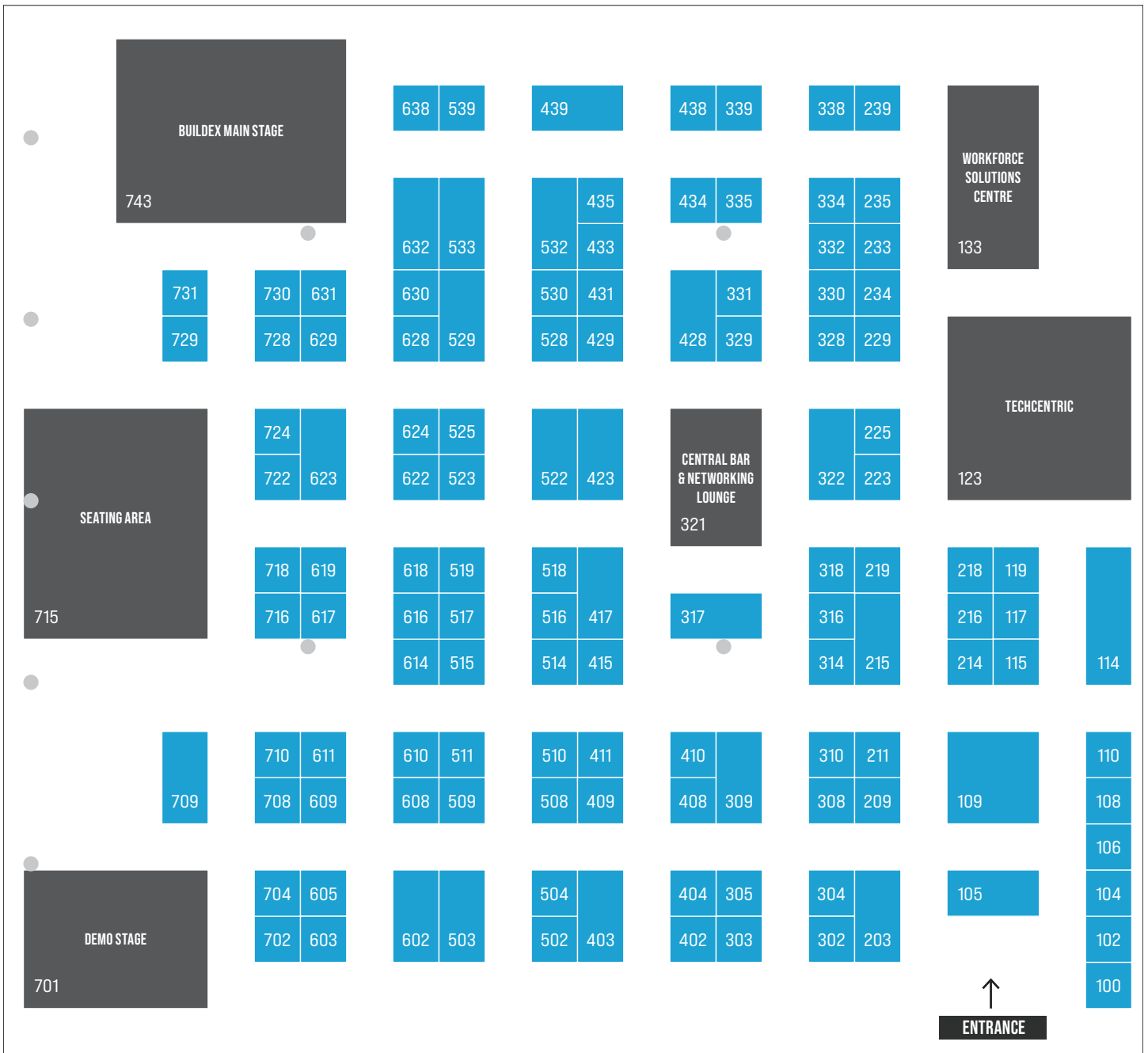
Wednesday, October 23 • 3:30pm – 4:30pm

The Smart Sustainable Tech Showcase provides innovative companies revolutionizing the AEC industry with game-changing carbon-neutral technologies and processes 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.



# FLOORPLAN



## Webinar Series

The newest digital destination for Western Canada's building industry. BUILDDEX Connects provides professionals from the entire building and construction industry the opportunity to learn, network, and understand the latest developments, online.



# 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 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 waste and purchasing renewable energy to offset our carbon emissions for each BUILDEX event in efforts to reduce our carbon footprint.

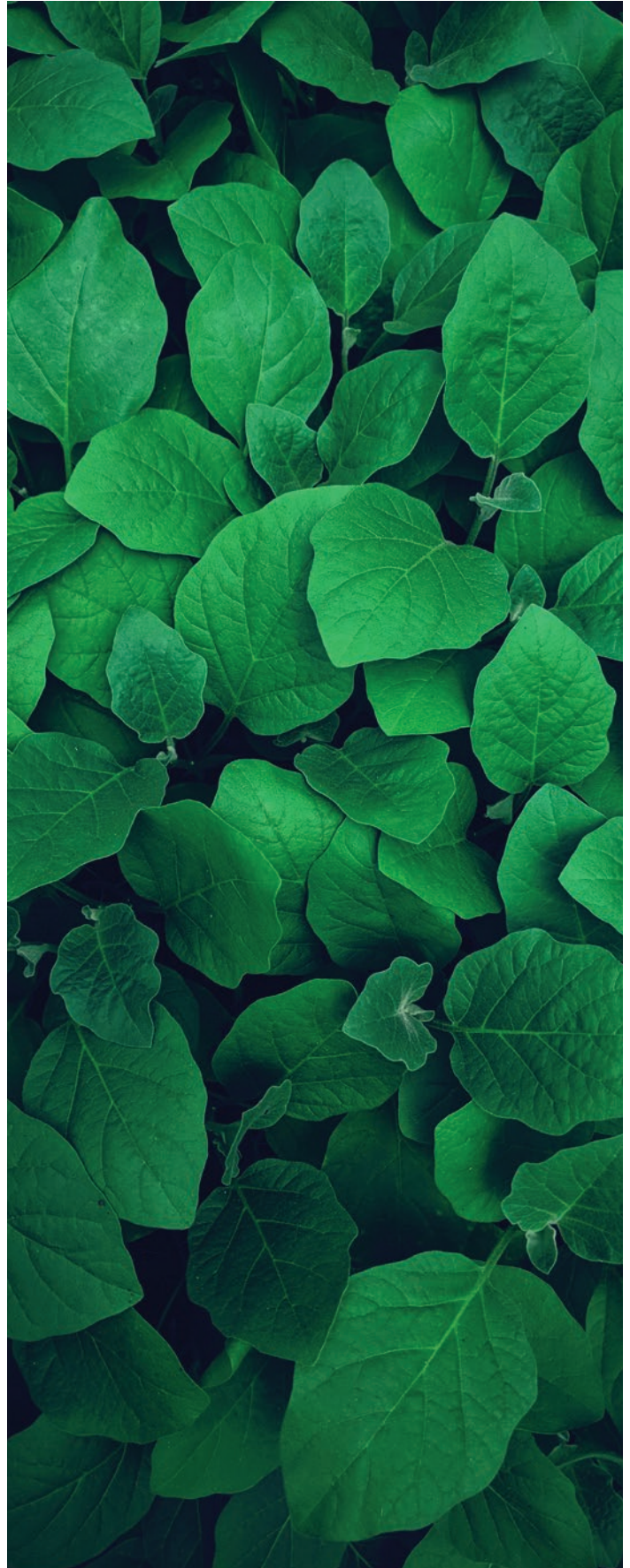
Photo: The Calgary Stampede



## 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](mailto:BUILDExshows@informa.com)