# PROCEEDINGS OF THE 2025 MODULAR AND OFFSITE CONSTRUCTION SUMMIT

At the

## ISARC-CSCE/CRC-MOC 2025

### Decarbonizing the Construction Industry

July 28-31, 2025 Montreal, Canada

*Hosted by the Center for Innovation in Construction and Infrastructure Engineering and Management (CICIEM)*

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# Foreword

We are delighted to welcome you to the Modular and Off-site Construction (MOC) Summit 2025, held as part of the ISARCCSCE/CRC-MOC 2025 under the theme “Decarbonizing the Construction Industry.” This year’s summit is hosted by the Centre for Innovation in Construction and Infrastructure Engineering and Management (CICIEM) at Concordia University, in Montreal, Canada, from July 28 to 31, 2025.

The MOC Summit continues to serve as a vital forum for collaboration among researchers, industry professionals, and policymakers. Since its inception in 2012, it has grown into a globally recognized platform for sharing insights, advancing knowledge, and promoting innovation in modular and off-site construction.

Industrialized construction offers significant advantages over conventional methods, including reduced costs, shorter project timelines, improved quality, and safer, healthier environments for workers and occupants. MOC 2025 brings together thought leaders and practitioners to explore these benefits and address the challenges of transforming the construction industry through modular and off-site approaches.

This year’s conference includes a diverse range of topics, such as:

- Artificial Intelligence and Automation in Construction
- Modular and Off-site Construction Technologies
- Sustainability and Decarbonization
- Project Planning and Optimization
- Energy Efficiency and Thermal Comfort in Buildings
- Affordable Housing and Social Impact
- Barriers to Adoption and Scalability of Modular Construction

We extend our sincere appreciation to all contributors, organizers, and participants whose dedication and expertise have made the MOC Summit 2025 possible. Your commitment to advancing the field of modular and off-site construction is both inspiring and essential.

Warm regards,

The Editor
MOC 2025

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