



# EXECUTING LOW-CARBON CONCRETE SYMPOSIUM

Sheraton Denver Tech Center, 7007 S. Clinton Street, Greenwood Village, CO 80112  
April 23, 2024

**Register For \$135**

## HELP ACCELERATE THE USE OF LOW-CARBON CONCRETE

Shaping the Industry. Panel Discussions followed by Q&A.

Why is addressing embodied carbon in the built environment important? Explore currently available means and methods contractors and ready mix producers can take to achieve the project carbon targets set by developers architects, engineers, and policymakers to reduce the embodied carbon of concrete. Join us for a day of education, discussion, and networking to explore the current state of the market and identify opportunities to collaborate on implementing low-carbon concrete solutions.

## CONTINUING EDUCATION

Earn 6 AIA-CES HSW Learning Units or 6 PDHs.

1. Understand the need and demand for reducing embodied carbon of concrete.
2. Understand the contribution of manufacturing concrete and other structural materials to the embodied carbon footprint of the built environment.
3. Evaluate the immediate steps that can be taken to reduce carbon footprint when specifying concrete.
4. Understand how to quantify embodied carbon of concrete on a project and reduction strategies available in the local market.



**Questions?**  
Contact Emma Dolan [emma@coloradocaa.org](mailto:emma@coloradocaa.org) or Patrick Matsche [pmatsche@nrmca.org](mailto:pmatsche@nrmca.org)

## AGENDA

- 7:00 AM - 8:00 AM:** Sign in and Continental Breakfast.
- 8:00 AM - 8:30 AM:** Welcome - Why Are We Here Today.
- 8:30 AM - 9:15 AM:** **Denver and National Codes and Standards** - Local, State and National code officials will discuss national, state and local sustainability codes and standards, providing updates and discussing sustainability-related code changes that we may see in the future.
- 9:15 AM - 10:15 AM:** **Specifying Concrete for the Future** - Local structural engineers, cement, ready mix producers and contractors discuss How to Specify Low Carbon Concrete, the Do's and Don'ts of creating low carbon concrete mix designs, based on locally available materials.
- 10:15 AM - 10:30 AM:** Break.
- 10:30 AM - 11:45 AM:** **Project Case Studies** - Leading contractors, and ready mix producers share their experiences and best practices and prior testing required to bring LCC projects in on time and budget, while achieving GWP reduction targets and goals.
- 11:45 AM - 12:45 PM:** Lunch.
- 12:45 PM - 1:45 PM:** **How to Measure** - NRMCA Concrete Carbon Calculator Tool, the use of an implementation of Environmental Product Declarations (EPDs) and utilizing CTAC/Concrete Testing Adherence Collaboration.
- 1:45 PM - 2:45 PM:** **Project Profile** - A leading Denver developer and the design build team who have achieved a sustainable project discuss the processes used.
- 2:45 PM - 3:00 PM:** Break.
- 3:00 PM - 3:30 PM:** **What's Next Panelists Discuss Collaboration Needed** - Discuss next steps to creating a framework for best practices/means and methods, along with incorporating new technologies as they come to the market?
- 3:30 PM:** **Deconstructing The Day** - A hosted reception with an open forum to follow up with questions and answers.

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