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Washington ACI Chapter



Pathways to Low Carbon Concrete

Market Questions, Market Answers

Sustainability Summit

Local concrete experts and resources together to address our concrete community's low-carbon objectives.

How early project team collaboration can successfully identify outcomes, define baselines, set targets, and prepare for innovation.

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Continuing Education
Earn 7 AIA-CES HSW Learning Units or 7PDHs

Held at

The Washington Athletic Club
1325 Sixth Ave., Seattle 98111

Tuesday
17, October 2023
9:00 a.m. - 6:30 p.m.



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Pathways to Low Carbon Concrete

Market Questions, Market Answers

Tuesday, 17, October 2023
Agenda . . .

Sustainability Summit



9:00 AM Registration | Crystal Ballroom, Washington Athletic Club
9:00 - 10:00 AM - Continental Breakfast | Crystal Ballroom, WAC

10:15 AM Summit Begins. Welcome by Bruce Chattin, WA Agg. & Concrete Association and Patrick Matsche, NRMCA

10:30 AM  Introduction by Don Davies, PE, SE, Co-Founder, Davies-Crooks Associates

10:40 AM What Follows PLC Cement? Innovative and Emerging Cementing Technologies

 Rob Shogren, PE, PhD, P. Eng, MBA, Technical Director of Cementitious Materials, LafargeHolcim

 John Mead, CEO, Solid Carbon. Carbon Sequestration-Based Admixtures

 Rouzbeh Savary, PhD, MIT, Founder and President, C-Crete Technologies. Material Sciences and Potential for Ultra-Low Carbon and CO2 Sequestration in Concrete

11:30 AM Lunch | Crystal Ballroom



12:30 PM  **Keynote Speaker**
Kelsey Rose, Senior Manager of Embodied Carbon Strategy, Hines
"Turning the Concrete Impact into the Concrete Solution - A Market Demand"

1:30 PM  Panel Discussion; Introduction by Bruce Chattin, WACA
Achieving Low Carbon Concrete - Collaboration and Constructability
Moderator: David Walsh, AIA, LEED AP BD+C, Dave Walsh Consulting

Panelists:


Blake Doepker,
PE, SE, LEED AP BD+C,
Project Manager,
Turner Construction


Mark Chen,
National Carbon
Manager,
Skanska USA
Building


Ian McFarlane,
Senior Principal,
Magnusson Klemencic
Associates



Kjell Anderson,
FAIA, LEED Fellow,
Director of
Sustainability Design,
LMN Architects


Alexander Collins,
Division Ready-Mix
Sales Manager,
Glacier Northwest


Shane Mulligan
Sustainability &
Technical Marketing
Manager
Heidelberg Materials


Invited
Urban Vision



2:30 PM  **Preparing the Transition to Low Carbon Concrete Outcomes.**
The market is evolving, with a trend toward performance-based metrics, emerging codes, and regulations affecting specifications.
Tien Peng, Assoc AIA, LEED BD+C, PMP. Founder: GreenPlum Street LLC Consulting. Formerly Sr. VP of Sustainability, Codes & Standards NRMCA

3:15 PM Low-Carbon Break

3:30 PM  **Project Profile: The Seattle Aquarium Ocean Pavilion - Seattle's newest example of leadership in achieving high environmental objectives, using low-carbon concrete with a marine and environmental protection commitment.**
Moderator: Dave Maynard, Consultant, Turner Construction

Project Team Discussion Panelists:


Vahad Mazarei,
PE, PMP, LEED AP
Project Manager
Turner Construction


Ian McFarlane,
Senior Principal,
Magnusson Klemencic
Associates


Osama Quotah,
AIA, LEED AP,
Partner, LMN Architects


Greg McKinnon
General Manager
Stoneway Concrete

5:15 PM Hosted Reception - Crystal Ballroom

Washington Athletic Club, Crystal Ballroom, 1325 Sixth Avenue, Seattle, WA 98111