



Submittal #AB08:

SHOVEL READY SUSTAINABLE CONCRETE TECHNOLOGIES

Abstract:

The construction industry is in a transition point where sustainable design is becoming the norm instead of a novel approach. Demand for low carbon materials, especially low carbon concrete has resulted in an influx of innovative materials proposed for use in construction projects. This presentation will discuss some of the most reliable and promising options available to concrete consumers to lower the carbon footprint for their projects. It will also explain how these materials can be part of a whole project life cycle approach to delivering sustainable, resilient infrastructure and general construction.

Speaker:

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Bio:

Larry Rowland is the Sustainability Market Manager for Heidelberg Materials, North America with more than 35-years of experience in construction and concrete materials. He is an American Concrete Institute Fellow, and recognized expert on the topics of, Sustainable Concrete Construction, Concrete and Cement Technical Services, and Decorative and Ultra-High-Performance Concrete. Rowland has been a USGBC, LEED® Accredited Professional since 2004 and is a former Director of the Delaware Valley Green Building Council. He regularly conducts trainings for Concrete Materials Industry Professionals, Architects, Engineers, Green Building Practitioners and Students on the topics of green building, resilience, and concrete sustainability.

Larry's position at Heidelberg Materials; one of North America's leading integrated manufacturers of building materials, gives him a uniquely informed perspective on Sustainable Design, Low Carbon Concrete materials and construction methods. Heidelberg Materials was an active participant in developing the Portland Cement Association's Roadmap to Carbon Neutrality and is committed to building a more sustainable future through its Sustainability Commitments 2030.