

Industry Focus

U.S. Department of Energy Awards C-Crete Technologies to Accelerate the Company's Work in Cement-Free Concrete

The U.S. Department of Energy (DOE) awarded C-Crete Technologies 950,000 USD to expand the types of materials it can use to make cement-free concrete. The use of locally available feedstocks will eliminate the need for long-distance shipping, allowing the company to further decrease carbon dioxide (CO₂) emissions associated with its concrete. The DOE funding follows C-Crete's announcement in July 2023 that its cement-free concrete had its inaugural placement in Seattle, WA, USA, where it was used in the foundation and shear wall of a seismic retrofit for a historic brick building. The cement-free concrete is a sustainable alternative that produces little CO₂ in its manufacturing and absorbs CO₂ from the air over time. The new DOE award will enable C-Crete to further advance its technology by exploring and converting more abundant and eco-friendly feedstocks into its binders. This expansion aligns with C-Crete's mission to address the challenges of climate change by manufacturing concrete materials with ultra-low or negative CO₂ footprints that meet industry standards for most residential, commercial, and infrastructure concrete applications.



C-Crete's cement-free concrete can be used as a sustainable alternative

Vectorworks, Inc., is Hosting Worldwide Design Day Series for Customers

Vectorworks, Inc., announced its worldwide Design Day series for architects, interior designers, landscape professionals, site designers, and entertainment design professionals. This series of events will allow customers to connect with fellow industry leaders and design professionals as well as get a firsthand look at what is new for Vectorworks 2024. In addition to exploring the upcoming software release, attendees will gain insights from customer success stories and

have a chance to network with like-minded designers and the Vectorworks senior leadership team as the future of Vectorworks is presented. The Design Day series is taking place from October 2023 through March 2024. The next Design Day for the industries of architecture, interiors, and landscapes is going to be in Sydney, NSW, Australia, on March 19, 2024. Registration is free, and attendees can secure a spot by registering online for the event.

Thalle Delivers Concrete, Asphalt, and Rock for High-Profile Sites in the Hudson Valley

Thalle Industries is a supplier of virgin and recycled aggregate, asphalt products, and brownfield fill for the construction industry. Thalle produces asphalt and virgin stone products at its Fishkill, NY, USA, quarry; ready mixed concrete and recycled stone at its Dakota Concrete site in Montrose, NY; and recycled stone at its Virtual Quarry in Elmsford, NY. Thalle's projects this year include providing the U.S. Military Academy at West Point with concrete as part of a 17-year academic building upgrade program to modernize facilities; supplying Holtec International for its decommissioning program at the former nuclear power plant in Buchanan, NY; and supplying Metro-North's Beacon Station for the renovation of a passenger platform. Thalle Industries' ability to deliver concrete to these major projects is due to the recent opening of Dakota Concrete at 2099 Albany Post Road in Montrose, NY. Dakota Concrete also has a new Virtual Quarry recycling center, which will provide customers from the Putnam and Southern Dutchess New York counties with a new recycling option.



Thalle delivers concrete to Metro-North's Beacon Station

Holcim US Expands Its Presence and Unites Legacy Brands in Boston

Holcim US announced plans to unite its legacy brands in and around Boston, MA, USA. Building materials provider Aggregate Industries will now be part of a larger Holcim US

presence. Regional Holcim operations include concrete, aggregates, asphalt and paving, and aggregate recycling across the Greater Boston areas of Saugus, Swampscott, Watertown, Everett, Wrentham, and Waltham. As part of this transition, the Lafarge cement terminal in Charlestown, MA, is also rebranding to Holcim. The Boston transition follows the Holcim US rebrand that launched in March of 2022, followed by subsequent regional transitions in the U.S. areas of Texas; Colorado; Louisiana; Washington, DC; and Michigan. Holcim is uniting these brands as a part of its plan to contribute to the company's ongoing initiatives to lead with sustainability in all facets of its operations.

CASE and Team Rubicon Expand Partnership with Heavy Equipment Operator Training

CASE Construction Equipment and its dealers announced an initiative with Team Rubicon to train volunteers to

operate heavy equipment for its humanitarian organization that serves global communities before, during, and after disasters and crises. Earlier this year, the pilot program commenced with two of the interested CASE dealers: RPM Machinery, out of its Franklin, IN, USA, location; and Lawrence Equipment, at its Roanoke, VA, USA, store. On a monthly basis, these dealers provide machines for Team Rubicon volunteers to train on, an indoor classroom, and an outdoor operating space. Team Rubicon's volunteers can register for the monthly training and learn how to operate compact track loaders and excavators. This training has been used by Team Rubicon in all phases of the disaster cycle across the United States, including wildfire mitigation, hurricane response, and long-term storm recovery. CASE and Team Rubicon plan to expand the number of dealers participating in this heavy equipment operator training program in 2024.

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