Carbon Upcycling Joins PCA to Work to Reduce Carbon Emissions

Carbon Upcycling announced it has become an Associate Member Company of the Portland Cement Association (PCA). This marks a significant step in the company's mission to enhance sustainability and reduce the carbon footprint of cement production. The U.S. Department of Energy announced over 1.2 billion USD in funding for PCA member companies to launch decarbonization projects, as part of the Biden Administration's Bipartisan Infrastructure Law and the Inflation Reduction Act. This federal investment underscores the cement industry's steps toward carbon neutrality, with carbon capture, utilization, and storage (CCUS) companies, like Carbon Upcycling, playing a crucial role. Through partnerships with fellow PCA members, Carbon Upcycling aims to develop and implement technologies that significantly reduce carbon emissions in cement production.

Ash Grove Expands Sustainable Solutions with Acquisition of Geofortis

Ash Grove Cement acquired Geofortis LLC, operator of a Utah, USA-based raw natural pozzolan milling and classifying line and nearby deposit. Since beginning production in 2021, Geofortis has obtained approvals for its supplementary cementitious materials in the United States from agencies in California, Colorado, Nevada, and Utah. These are among the states where public or private construction interests are evolving concrete specifications due to diminishing fly ash availability. This acquisition aligns with Ash Grove's long-term growth strategy and commitment to sustainability. High-quality natural pozzolan products complements the company's existing portfolio and will enable Ash Grove to offer more environmentally friendly solutions to customers.

CD2 Volumetric Mixer Named a 2024 Concrete Contractor Top Product

Cemen Tech's fully automated volumetric concrete mixer, the CD2, has been recognized as a 2024 Concrete Contractor Top Products award winner. The 2024 Concrete Contractor Top Products award winners were selected based on nominations and audience engagement during a 12-month period on ForConstructionPros.com/Concrete and narrowed down by an editorial team and advisory board. The CD2 volumetric concrete mixer's design includes individual compartments to carry and combine up to 115 ft^3 (3 m^3) of cement and 80 ft^3 (2 m^3) of supplementary cementitious materials (SCMs). The CD2 ensures precision measuring, mixing, and dispensing of concrete from a single unit. Each ingredient is stored in separate compartments and mixed precisely in real-time, on site. The unit can be programmed to save hundreds of mixture designs, which can then be selected and started with the touch of a button.

The CD2 Volumetric Mixer

Holcim Partners with Sublime Systems to Support Decarbonization

Holcim has invested in Sublime Systems, a low-carbon cement technology startup, to expand its range of highly engineered solutions to decarbonize building at scale. The partnership will advance Sublime's first commercial manufacturing facility in Massachusetts, USA, giving Holcim a large share of Sublime Cement™ produced there through a binding offtake reservation. The two companies have established a dedicated project team to co-develop further facilities to scale up and commercialize Sublime Systems' technology for swift market deployment. Based on a proprietary carbon dioxide (CO_2)-free electrochemical system, Sublime Systems uses clean electricity and carbon-free raw materials for cement production. After its first successful market applications, Sublime is currently building a commercial-scale manufacturing plant to produce 30,000 tons (27,200 tonnes) of cement per year as of 2026.

Diablo Tools Receives Two Awards from Sphere 1

Diablo Tools was awarded the Preferred Supplier of the Year Award and Gateway for Growth Award in the Sapphire Echelon category from Sphere 1, a cooperative of tool, fastener, and concrete accessory distributors. Diablo was awarded the Preferred Supplier of the Year Award for providing excellent service and a quality program to the Sphere 1 cooperative members. The Preferred Supplier of the Year Award is awarded based on top performance in the following categories: percentage of growth, amount of sales total, number of dealers buying from the company, gateway for growth success, and dealer votes. Additionally, Diablo was

honored with the Gateway for Growth Award, which is awarded to the company with the top performing plans with its dealers.

Heidelberg Materials Converts Speed Cement Plant to Slag Grinding Facility

Heidelberg Materials North America announced the successful conversion of its Speed, IN, USA cement plant to a slag grinding facility to support the increased demand for more sustainable cementitious products in the Midwest market. Following the previous opening of its new cement plant in Mitchell, IN, Heidelberg Materials ceased portland cement production at its manufacturing site in Speed and invested in modifying the facility to produce slag cement from domestically sourced slag granules. The Speed site also serves as a distribution hub for cement produced at the Mitchell plant as well as a broad range of specialty cementitious products. The company recently supplied its first major project, the construction of a high-rise building in Indianapolis, IN, with slag cement from the repurposed Speed plant.

Additions to Heidelberg Materials' newly converted slag grinding facility in Speed, IN