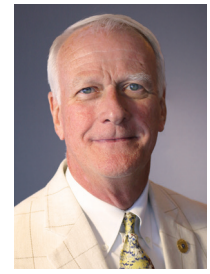
Decarbonization Task Force To Guide, Develop Resources



Donald Colliver, Ph.D., P.E., Presidential Member/Fellow ASHRAE

Thomas H. Phoenix, P.E., BEMP, Presidential/Fellow/Life Member ASHRAE

ATLANTA–ASHRAE has formed a task force to address climate change through responsible decarbonization strategies for the built environment. The ASHRAE Task Force for Building Decarbonization has been established to develop technical resources and provide leadership and guidance in mitigating the negative carbon impact of buildings on the environment and people.

Donald Colliver, Ph.D., P.E., Presidential Member/Fellow ASHRAE, and Thomas H. Phoenix, P.E., BEMP, Presidential/Fellow/Life Member ASHRAE, will co-chair the task force.

The task force's responsibilities include providing recommendations and practices for industry stakeholders in decarbonization of the built environment. The group is expected to identify and quantify knowledge gaps for policy makers and stakeholders who are tackling building decarbonization and develop resources to address these gaps.

"In a similar vein to how ASHRAE took the lead in responding to the energy crisis of the 1970s era and defined the energy-efficiency journey, ASHRAE has much to offer with respect to paths for responsible decarbonization strategies," said ASHRAE President Charles E. Gulledge III, P.E., HBDP, Fellow ASHRAE. "The challenges of decarbonization are complex, but this task force is positioned to offer actionable technical guidance to improve how buildings are built and operated."

For more information about the task force, visit https://tinyurl.com/a2zz98zj ■

Industry Roundup

Harnessing Cooling Technology With Solid-Based System

TALLAHASSEE, FLA.–Researchers are investigating a cooling method that could be more efficient and environmentally friendly than a traditional cooling process. Researchers from Florida State University and University of Barcelona are developing a solid-based cooling system with magnets, which could avoid the use of greenhouse gases. The researchers found applying pressure to iron-based molecules arranged in a crystalline lattice could produce a large cooling effect. *Source: Florida State University*

Robot Dog Could Change How Buildings are Constructed

LONDON–A London architecture firm is using a dog-like robot to scan and analyze buildings that are under construction. The robots, called Spot, can be programmed to follow a pre-mapped route through the construction site, scanning the progress of the building and comparing it to the original design. By monitoring the construction process every week, the architects can see if and how the physical building is deviating from the plans, and then make adjustments to account for variations. *Source: Fast Company*

NY's BuildSmart2025 Paying Off

WHITE PLAINS, N.Y.–The New York Power Authority has made 'significant progress' reducing energy consumption at state buildings. During its first year, BuildSmart2025 has resulted in energy savings of more than 4 trillion Btus. The goal is to reduce energy use by 34% from a baseline year of 2015. *Source: New York Power Authority*

Salt Lake City Adopts New Off-Site Construction Standards

SALT LAKE CITY– The Salt Lake City Council voted in early March to become the first jurisdiction in the U.S. to adopt new standards for off-site construction. *Source: International Code Council* ■