

Building Decarbonization – Leading with Action

The global building sector will significantly change in the next few decades. Join us for a broad look at decarbonization beyond specific equipment as we consider buildings holistically. We will evaluate design choices across the entire building, as well as the importance of building operations. Building decarbonization encompasses a building's life cycle, including building design, construction, operation, occupancy, and end of life.

Businesses continue to announce commitments to reducing carbon emissions through their building portfolios, and investors are adding further pressure to act. The U.S. government recently pledged a net-zero emissions federal building portfolio by 2045. Kent will discuss what will be required, how this may impact each of us, and how ASHRAE is addressing this issue.

Attendees of this session will gain insight into industry trends and their implications for buildings, the greening of the grid, regulations, and what is practical over the next 15 years.

Kent Peterson, PE, ASHRAE Presidential Fellow

Kent Peterson is the Chief Engineer at P2S Inc, a 300-person consulting engineering and commissioning firm with offices throughout the western United States. He has extensive experience working in the building and infrastructure industries. He provides leadership, inspiration, and technical direction for the firm's engineering practices. Mr. Peterson is chair of the 2022-2023 ASHRAE Building Decarbonization Task Force, past chair of the ASHRAE Building Decarbonization Position Document Committee, and recent co-chair of the GSA Federal Building Decarbonization Task Group.

Mr. Peterson is an ASHRAE Presidential Member, ASHRAE Distinguished Fellow, and recipient of the ASHRAE F. Paul Anderson Award. He is a frequent author of articles and papers and has made presentations to governments and professionals worldwide on improving building sustainability.