



ARUP

**COP27 GABC Building event
Decarbonizing Buildings on the whole lifecycle**

Title: Decarbonizing Buildings: Data, Standards, Policies and Tools to Support a Life-Cycle Approach

Day: 11 November, 14:30-15:30 (UTC+2)

Location: Blue zone – Buildings Pavilion (Zone C, Area 5, lot n. 113)

Event organisers: FIDIC, ARUP, International Council Code (ICC)

Type: Hybrid and livestreamed (Vimeo link: <https://vimeo.com/event/2552858>)

Event description:

In many communities buildings represent a significant contributor to greenhouse gas emissions—globally representing approximately 40 percent of energy and process related emissions. Initiatives are underway to reduce these impacts—initially focused on the energy used during the operations phase. However, as buildings approach near zero energy and carbon in their operations, the embodied carbon in the materials and construction process used become increasingly important. A holistic approach looking across the entire life cycle of a building is essential to reduce the climate impacts of the built environment. Recently, frameworks, tools and data necessary for such a holistic approach have been developed in different regions and is currently expanding in the world.

This panel of representatives from across the building value chain will examine the policies, practices, data, and tools necessary to accelerate the decarbonisation of the built environment.

Detailed proposal

Moderation of the event: Robert SPENCER, Global ESG Leader AECOM, FIDIC SDC Vice-President

14h30 Opening remarks

Robert SPENCER, Global ESG Leader AECOM, FIDIC SDC Vice-President

14h40 From energy to carbon building performance, along the lifecycle, an international perspective

Vere Shaba, Head of african program, WGBC Africa

Nazly Asadollahpour, ESG Head manager, Majid-al-Futtaim

Nigel Tonks, Sustainable Development Director, ARUP

Ryan Colker, Vice President Innovation, International Code Council

10:00 End of the event