



Global Alliance
for Buildings and
Construction



COP27
SHARM EL-SHEIKH
EGYPT 2022

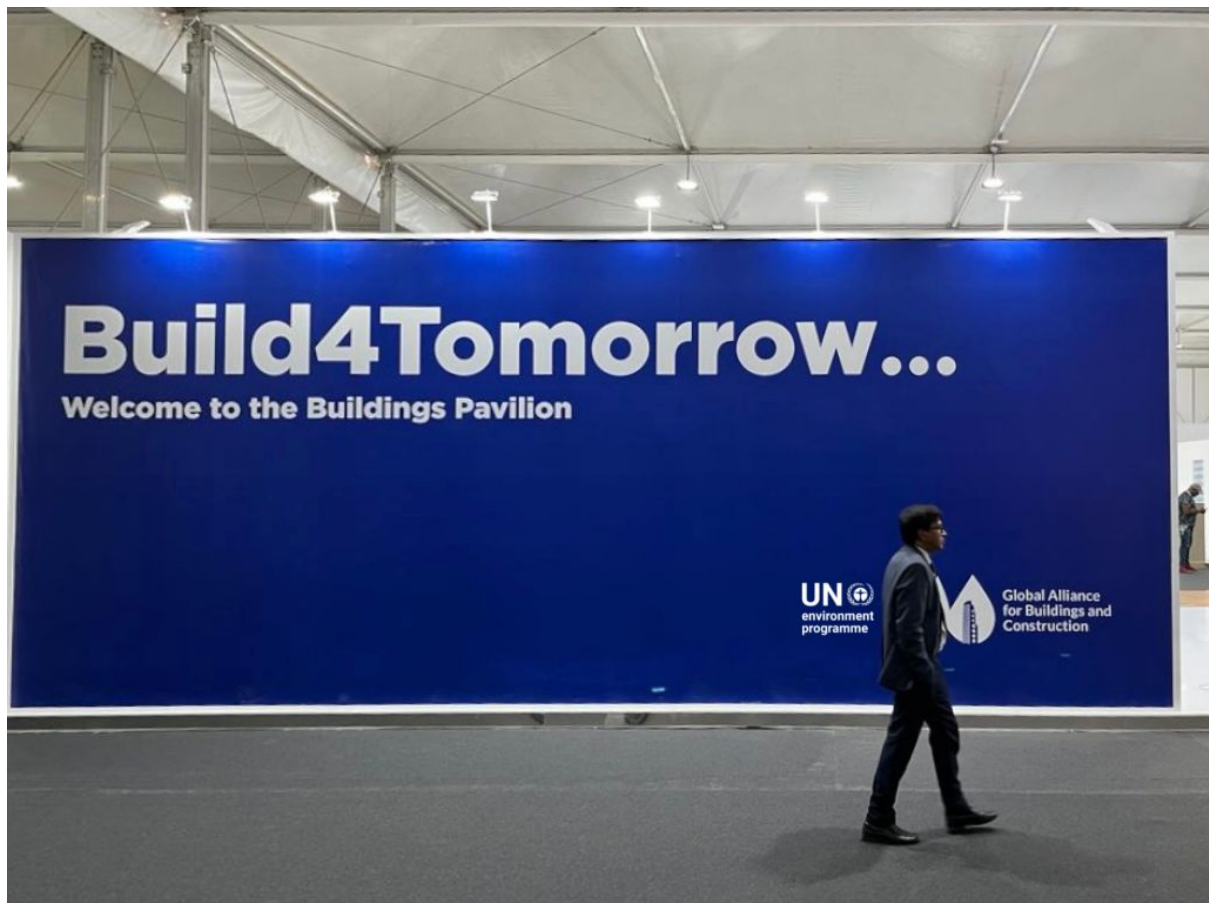
Buildings@COP27

Daily Blast - 8 November



What is happening at the Buildings Pavilion on 8 November?

Blue Zone (Zone C, Area 5, lot n. 113)



Morning Coffee Talk | Where is the political will?

8:45-9:00 EET | Buildings Pavilion studio

The daily theme of 8 November at the Buildings Pavilion is "**Build4Tomorrow to enable critical climate action**". The morning coffee talk will be focused on the political will for climate action. Guests include:

- Yves-Laurent Sapoval, Senior Advisor, General Directorate for Development, Housing and Nature, Ministry of Ecological Transition, France
- Esther An, Chief Sustainability Officer, City Developments Limited

Watch live

Limestone Calcined Clay Cement (LC3) - a revolutionary low CO2 building material

9:00-10:00 EET | Buildings Pavilion auditorium

Lead organisation(s): Swiss Agency for Cooperation and Development & Ecole polytechnique fédérale de Lausanne

This session aims to make policymakers and the industry aware of a new, sustainable, low-carbon type of cement developed by Swiss, Cuban and Indian universities with funds from the Swiss government. Concrete is key to build tomorrow green cities and the needed infrastructure in the Global South. Speakers include:

- Yvonne Baumann, Swiss Ambassador to Egypt
- Indian Government representative (TBC)
- Prof Karen Scrivener, Ecole Polytechnique Fédérale de Lausanne
- Thomas Guillot, CEO, Global Cement and Concrete Association
- Magali Anderson, Chief Sustainability and Innovation Officer, Holcim Group
- Rajiv Garg, UN-CTCN Regional Head Africa, Western Asia and CIS
- Anne Dekeukelaere, Managing Director, Cementis

Watch live

Urban Sequoia NOW

12:00-13:00 EET | Buildings Pavilion auditorium

Lead organisation(s): Skidmore, Owings & Merrill

In this session, Chris Cooper, Partner at Skidmore, Owings & Merrill (SOM), will give a TED-style talk on SOM's Urban Sequoia NOW research project. The undertaken research - titled "Urban Sequoia NOW" - deploys ideas into a multifaceted design that enables a building to act like a tree today, absorbing more carbon than it emits. The solutions-focused proposal presents an innovative system, comprising products, materials, and technologies to not only minimize carbon emissions, but also enable buildings to become vehicles for carbon capture and storage in cities all around the world

Watch live

Decarbonization of the building stock by carbon requirement to buildings

14:30-15:30 EET | Buildings Pavilion auditorium

Lead organisation(s): Danish Energy Agency

The session will discuss how carbon requirement to new build has been developed (by research) and how to implement them into building legislation (by CO2 requirements) as done in Denmark and other countries. The session will also discuss how the industry need to declare the carbon content of products and solutions (Environmental Product Declarations) as well as how designers and architects use life cycle perspective and LCA calculations to guide investors in their decision process. Speakers include:

- Kurt Emil Eriksen, Senior Policy Advisor, VELUX A/S (*moderator*)
- Harpa Birgisdottir, Professor on Sustainability of Buildings at BUILD at Aalborg University, Denmark
- Elizabeth Wangeci Chege, Sustainable Energy for All and World Green Building Council
- Jo da Silva, Global Director of Sustainable Development, Arup
- Lone Feifer, Director Sustainable Buildings VELUX A/S. Living places - a partnership with EFFEKT, MOE and VELUX

Watch live

Solutions to decarbonize the built environment

16:00-17:30 EET | Buildings Pavilion auditorium

Lead organisation(s): Holcim, Solar Impulse Foundation, IKEA

The focus of this event is to discuss solutions for the built environment, especially the buildings sector, to allow for resilience but also mitigation of climate change within urban settings, so as to reduce the overall impact of these. The session will engage with a panel representing business, NGO, cities and investors, to highlight the technologies that exist, but also the barriers - structural and legal - that impede their rapid uptake and use. Discussions also include the biggest blockages and how some of them may be overturned. Speakers include:

- Bertrand Piccard, Chairman, Solar Impulse Foundation
- Jesper Brodin, CEO, IKEA
- Magali Anderson, Chief Sustainability and Innovation Officer, Holcim
- Runa Khan, Founder of NGO Friendship
- Dr Manuel de Araújo, Mayor of Quelimane, Mozambique

Watch live

High-level Buildings CEO Roundtable (invitation-only)

16:30-18:00 EET | Buildings Pavilion meeting room

Lead organisation(s): VELUX Group

The aim is to set the stage for further discussion on COP27 by **agreeing on a plan of action and align on the must win battles senior players in the sector must join forces around to achieve the ambition and decarbonize the sector**. Concretely, the Buildings CEO Roundtable, taking place at the onset of COP27, will enable the attending group to manifest a united front throughout COP27 about the importance of elevating the importance of the buildings sector as a key contributor to the Paris Climate Agreement.

Reflecting the UNEP [Emissions Gap Report 2022](#), the Roundtable will bring a systems-lens to the discussion, recognizing the multiple interdependencies and co-benefits for collective action across the buildings value chain and its eco-system, including policy makers and investors. Further, it will be a high-level opportunity for Lars Petersson to meet with peers and stakeholders for the first time as the new CEO of VELUX Group to address the sector's role on addressing the climate crisis. Participants include:

- Bex Porter, Built Environment Lead, UN Climate Champions Team
- Alan Belfield, Chairman of Arup Group
- Benoit Bazin, CEO of Saint-Gobain
- Lars Petersson CEO of the VELUX Group
- Roland Hunziker, Co-chair of GlobalABC and Director, Sustainable Buildings & Cities, WBSCD
- Niklas Hagelberg, UN Senior Programme Officer at United Nations Environment Programme (UNEP) and Coordinator of UNEP's subprogramme on Climate Change
- Tomas Brannemo, President, Europe Region, Johnson Controls
- Paul Warton, Executive Vice President, Hydro Extrusions, Norsk Hydro
- Mike Peirce, Executive Director of Systems Change, Climate Group
- Sally Uren, CEO, Forum for the Future (*moderator*)

Please note that this CEO roundtable is an **invitation-only event**.

Renewable Energy Solutions for the Built Environment

18:00-19:00 EET | Buildings Pavilion auditorium

Lead organisation(s): REN21

This [event](#) will highlight use cases of renewables-supported efficiency buildings, particularly in cities, while also discussing the roles of government in scaling up these interventions. It will also demystify financial implication and myths of green retrofitting by discussing investment strategies. Speakers include:

- Lea Ranalder, Associate Programme Management Officer, Human Settlements, UN-Habitat (*moderator*)
- Dr. Salah El Haggar, Egypt Green Building Council (TBC)
- Gilles Vermot Desroches, Chief Corporate Citizenship Officer, Schneider Electric (TBC)
- Local Government - ICLEI (TBC)
- Joel Nana, Project Manager, Sustainable Energy Africa (TBC)

Watch live

What else?

Insight article from WBCSD: [If we act today, we can halve the emissions of the built environment by 2030](#)

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GlobalABC Secretariat

1 Rue Miollis, Building VII

75015 Paris, France

Questions & Feedback:

global.abc@un.org