



Global Alliance
for Buildings and
Construction



COP27
SHARM EL-SHEIKH
EGYPT 2022

Buildings@COP27

Daily Blast - 11 November



Build4Tomorrow with sustainable building materials
Buildings Pavilion - Blue Zone (Zone C, Area 5, lot n. 113)



Throwbacks

- [Click here to watch the recordings](#) of the events that took place at the Buildings Pavilion.
- [Download the 2022 Global Status Report for Buildings and Construction](#) (2022 Buildings-GSR)
- Video - [Is the Buildings and Construction Sector on Track to decarbonize?](#)
- Web story - [Traditional building practices offer sustainable solutions as African cities grow](#)
- Video on **finance** from Cristina Gamboa, CEO, WorldGBC

COP27 Breakthrough Agenda Ministerial: Breakthrough Agenda - One Year On

08:00-09:30 EET | Action Room 1, Action Zone

This **event** hosted by the COP26 President will demonstrate the commitment that countries have to acting on the report recommendations, as well as celebrate new endorsements of the Breakthrough Agenda. It will give Ministers the opportunity to share how they will be delivering on these plans and the benefits they will bring. Industry leaders in the Breakthrough Agenda sectors explain how the Breakthrough Agenda will change the way they collaborate and accelerate the low carbon transition.

This event is open to all holders of blue passes at COP27. The organiser team is working towards getting this live streamed, and we will share a link once one becomes available. Speakers include:

Opening remarks: COP26 President, The Rt Hon Alok Sharma MP

Confirmed Ministerial Panel:

- Mohamed El-Quseir - Egypt - Minister for Agriculture
- Stefan Wenzel- Germany - Parliamentary State Secretary for Economic Affairs and Climate Action
- Steven Guilbeault - Canada - Minister of Environment and Climate Change
- Kristin Tilly- Australia- Ambassador for Climate Change
- Varun Sivarum - USA - Managing Director for Clean Energy, US Special Presidential Envoy for Climate

Invited Ministerial Panel:

- HE Mariam Almheiri - UAE - Minister of Climate Change and Environment
- Bhupender Yadav - India - Minister for Labour and Employment, Environment, Forest and Climate Change

Moderator: The Rt Hon Grant Shapps MP - United Kingdom- Business Energy and Industrial Strategy Secretary of State.

Buildings Breakthrough: Stéphane Crouzat - French Climate Ambassador

High-Level Champion Remarks: Nigel Topping - UNFCCC High Level Champion

Non-State Actor Panel:

- Svein Tore Holsether, Yara International
- Mafalda Duarte - Climate Investment Funds
- Wale Shonibare - African Development Bank
- Vaishali Nigam Sinha - ReNew Energy Global PIC
- Maria Persson Gulda - H2GreenSteel
- Moderator: Ann Mettler, Vice President, Europe at Breakthrough Energy

Closing Remarks: Mahmoud Mohieldin- UNFCCC High Level Champion

Stay tuned

Building capacity and hope: Shaping a future-ready built environment for emerging economies

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

Lead organisation(s): Saint-Gobain



BUILDING CAPACITY AND HOPE

Shaping a future-ready built environment for emerging economies

In a changing climate, the future of the built environment is decarbonised and resilient, while accommodating rapidly growing populations.

Join Saint-Gobain CEO Benoit Bazin in a discussion about how governments, communities and businesses can scale low-carbon building solutions equitably and sustainably in regions that are most vulnerable to severe climate change impacts. What will it take - technologically, socially, politically and economically - to get from commitment to capacity to completion?

Friday, November 11th, 9:00 - 10:00 am

At the Buildings Pavillion (Blue Zone)

By 2050, Africa's fast-growing population will make up a quarter of the global population. In our changing climate, buildings, which account for 37% of carbon emissions, must not only decarbonise, but also accommodate growing populations and be climate resilient. In regions that are most vulnerable to the impact of severe climate change, how can governments, communities and businesses rapidly scale building solutions that are low-carbon, equitable and sustainable? What will it take - technologically, socially, politically and economically - to get from commitment to capacity to completion? This **session**'s speakers include:

- Benoit Bazin, CEO, Saint-Gobain (*Opening remarks*)
- Sophie Lambin, Chief Executive, Kite Insights (*moderator*)
- Elizabeth Wangeci Chege, Energy Efficiency & Cooling Specialist, SEforALL and Chair of Africa Regional Network, WorldGBC
- Dr. Hend Farrouh, Prof. of Environment & Sustainable Urban Development, Housing & Building National Research Center
- Tarek El Gamal, Vice Chairman and Managing Director at Redcon Construction

Watch live

Building our Future - The potential of the buildings sector and building materials for a climate neutral world

10:30-12:00 EET | Buildings Pavilion auditorium

Lead organisation(s): Federal Ministry for Economic Affairs and Climate Action (BMWK) & GlobalABC



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BAUHAUS EARTH



Building our future – The potential of the buildings and building materials for a climate neutral world



Friday, 11 November 2022



10:30 AM – 12:00 PM EET



Buildings Pavilion (Blue Zone, Zone C, Area 5, Lot 113)

Join the conversation



#BuildingsPavilion
#Build4Tomorrow
#BuildingToCOP27



This **event** will present first results of two studies (“Building Materials and the Climate: Status and Solutions” and “Climate-oriented Urban Development - Greenhouse Gas Reduction Potential in Synergetic Fields of Action”) focusing on buildings materials and their role in the decarbonization of the building and construction sector in different geographies and contexts, like urban areas. In a panel discussion, the authors and contributors of the studies will dive into specific aspects of the studies and discuss how to best incorporate these findings into policy-making processes at all levels. Speakers include:

- Dr. Vera Rodenhoff, Head of Division, German Federal Ministry for Economic Affairs and Climate Action (BMWK)
- Jonathan Duwyn, Programme Officer, Buildings and Construction, UNEP/GlobalABC
- Anna Dyson, Founding Director, Yale Center for Ecosystems and Architecture (Yale CEA)
- Naomi Keena, Assistant Professor, McGill University
- Mae-ling Lokko, Assistant Professor, Yale School of Architecture
- Mohamed Aly Etman, researcher and Post-Doctoral Associate, Yale Center for Ecosystems and Architecture (Yale CEA)
- León Diaz Bone, Chief of Secretary General’s Office, ICLEI
- Prof. Dr. Dirk Messner, President of the German Environment Agency (UBA)
- Prof. Dr. Philipp Misselwitz, Executive Director, Bauhaus Earth
- Sharon Prince, CEO and Founder, Grace Farms Foundation
- Vere Shaba, Africa Programmes Head, WorldGBC
- Mariana Castaño Cano, Founder, 10 Billion Solutions (*moderator*)

Watch live

Buildings sector actions - the unprecedented opportunity for climate change commitments

12:30-14:00 EET | Buildings Pavilion auditorium

Lead organisation(s): GlobalABC, Global Buildings Performance Network & Monash University



Organised by:



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for Buildings and
Construction



Buildings sector actions - the unprecedented opportunity for climate change commitments

 **Friday, 11 November 2022**

 **12:30-14:00 EET**

 **Buildings Pavilion (Blue Zone, Zone C, Area 5, Lot 113)**

Join the conversation



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#BuildingToCOP27

This **event** introduces a new set of criteria to identify front-runner commitments when it comes to buildings sector commitments in NDCs. The criteria will be showcased in a digital tool to help benchmark and increase ambition. The session will explore the approaches government and non-state actors are taking to include buildings sector actions in their commitments. Speakers include:

- Jonathan Duwyn, Programme Officer, Buildings and Construction, GlobalABC / UNEP (moderator; in person)
- Dr Peter Graham, Associate Professor, Department of Architecture, Monash University Australia & Executive Director, GBPN (online)
- Dr. Ashraf Kamal, Professor in Urban Planning and Economics, Housing and Building National Research Center, Egypt (online)
- Jamila El Harizi, Head of Architectural Valorization and Sustainability Division, Ministry of National Territory Planning, Land Planning, Housing and City Policy, Morocco (online)
- Dr Sunita Purushottam, Head of Sustainability at Mahindra Lifespace Developers, India (in person)
- Dr Diane Kraal, Adjunct Senior Research Fellow, Business Law and Taxation, Monash University Australia (in person)
- Craig Burton, Senior Research Manager, Department of Architecture, Monash University Australia & Head of Knowledge Innovation, GBPN (online)

[Watch live](#)

Solar Impulse Foundation daily pitch - Solutions for the built

environment

14:15-14:30 EET | Buildings Pavilion social space

Lead organisation(s): Solar Impulse Foundation

The **live pitching sessions** on solutions for the built environment will take place on 9, 10, 11 and 14 November, in the Buildings Pavilion social space. Each session will last 15 minutes and will be comprised of 3 different pitches of 3 minutes, leaving time for an interactive Q&A with the audience.

The innovations pitched will touch upon thematic areas such as decarbonizing buildings materials throughout their life cycle; Optimising energy consumption and buildings management systems; Optimising design and construction methods to save resources.

Drop by the Buildings Pavilion

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

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

Lead organisation(s): ARUP, FIDIC, International Code Council

In many communities buildings represent a significant contributor to greenhouse gas emissions—globally representing approximately 40 percent of energy related emissions. Initiatives are underway to reduce these impacts—initially focused on the energy used during the operations phase. However, as buildings approach net-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. However, until recently, the data and tools necessary for such a holistic approach have been lacking.

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. Speakers include:

- Vere Shaba, Head of African program, WorldGBC Africa
- Nazly Asadollahpour, ESG Head manager, Majid-al-Futtaim
- Nigel Tonks, Sustainable Development Director, ARUP
- Ryan Colker, Vice President Innovation, International Code Council
- Robert Spencer, ESG Manager AECOM, FIDIC SDC Vice-Pdt

Watch live

Women Leading the Decarbonisation of our Built Environment

17:30-18:30 EET | Buildings Pavilion auditorium

Lead organisation(s): Holcim

On the occasion of "Decarbonisation Day", the **panel discussion** is meant to demonstrate and celebrate women leadership in the decarbonization of our built environment and their role in driving this transformation. The panel will discuss how technology and innovative solutions can accelerate decarbonization. We will engage

with women leaders in technology, NGOs and industry to show how each role can contribute and steer up the process and how can we find synergies across different sectors. Speakers include:

- Magali Anderson, Chief Innovation and Sustainability Officer, Holcim
- Claude Lorea, Cement Director, Global cement and Concrete Association
- Elizabeth Hausler, Founder and CEO, Build Change
- Rana Ghoneim, Chief, Energy systems and Infrastructure Division, UNIDO
- Anna Williams, Solutions Lead, EMEA, Geo for Environment, Google
- Victoria Burrows, Director of Advancing Net Zero, WorldGBC
- Cédric De MEEÛS, Vice-President, Group Public Affairs & Government Relations, Holcim

Watch live

Discover all buildings-related events at COP27 via our [online calendar](#) or the [BuildingToCOP Coalition calendar](#). Check our more resources on our [Buildings Pavilion Trello board](#).

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