Buildings@COP27
Daily Blast - 10 November

Build4Tomorrow for a resilient future
Buildings Pavilion | Blue Zone (Zone C, Area 5, lot n. 113)

Climate adaptation, building summer comfort
9:00-10:00 EET | Buildings Pavilion auditorium
Lead organisation(s): ENERGIES 2050
Resilient new buildings and renovations should anticipate in their design, construction and operation the average raise in temperatures and provide thermal safety against longer and stronger heatwaves. What are the current approaches and solutions to those needed services in such locations as the Mediterranean and African regions under warmer outdoor weather conditions and heatwaves as of the RCP 4.5 and 8.5 scenarios? This session provides different point a view on these challenges, with a panel of speakers involved in the strategy design and the projects implementation, in different locations in the world. Speakers include:

- Stéphane POUFFARY, CEO, ENERGIES 2050
- Régis MEYER, French Ministry of Ecological Transition
- Lorenzo PAGLIANO, Prof. & V.D. Master RIDEF 2.0, Politecnico di Milano
- Heba ABDEL-HALIM, Ph.D. Candidate, CEO of Passive House Egypt
- Rym NAFTI, National coordinator PEEB, Tunisia
- Jessica GROVE-SMITH, International Passive House Association
- Idriss KATHRADA, Inoal CEO, Fidic SDC (moderator)

An Integrated Net Zero Approach
10:30-11:30 EET | Buildings Pavilion auditorium
Lead organisation(s): Dar Al-Handasah Consultants
The event will be focused on discussions around the integrated net zero approach. Climate change and the race to zero present the greatest ever challenge to the designers, architects and engineers of urban systems: the buildings and infrastructure that make up and support our cities. The urban climate transformation relies upon both the rapid deployment of innovative and integrated urban systems, and the deep engagement with urban communities to build a consensus for change. High priorities are the renewable electrification and resilience of transport and buildings, circular approach to material supply chains and the use of digital systems to optimize and scale solutions. Speakers include:

- Talal Shair, CEO and Chairman, Dar Group [Keynote Speaker]
- Faysal Shair, Head of Digital Practice, Dar
- Balsam Nehme, Head of Sustainability, Dar
- Richard Palmer, Climate and Sustainability Global Lead, Introba (Dar Group)
- Stephen Anderson, Strategy & Markets Leader, PwC
- Victoria Burrows, Director of Net Zero Program, World GBC
- Stephen Anderson, Strategy & Markets Leader, PwC

Watch live

The Hummingbird and the Building
12:00-13:00 EET | Buildings Pavilion auditorium
Lead organisation(s): Gensler

Across the globe, cities and developers are turning to architects and designers for how their portfolios can contribute to decarbonisation and create a more equitable world. Juliette Morgan who serves as the global ESG Consultancy Director for Gensler, the world’s largest architecture and design firm, will present a vision for how investors, asset managers, governments, occupiers, and developers of real estate should be approaching efforts to decarbonize their buildings. In the second half of this session, Juliette will be joined by Roland Hunziker, director of the built environment for the WBCSD, for a conversation on how designers and architects can drive the industry forward to meet its 2030 goals.
Solar Impulse Foundation daily pitch - Solutions for the built environment
13:15-13:30 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 thematical 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.

Climate resilience in the built environment: adapting to a changing climate
13:30-16:15 EET | Buildings Pavilion auditorium
Lead organisation(s): BuildingToCOP Coalition (led by WorldGBC)

A BuildingToCOP Coalition Event

CLIMATE RESILIENCE IN THE BUILT ENVIRONMENT: ADAPTING TO A CHANGING CLIMATE
10 November, 13:30-16:15 EET
Buildings Pavilion Auditorium (LOT. N°113)

In this session, the World Green Building Council and partners will position the built environment as a priority solution for climate resilience and adaptation, explore key topics including finance and civic participation, and present the massive opportunity to deliver system transformation to improve livelihoods worldwide.

WorldGBC will also be announcing the launch of their dedicated guide to climate resilience in the built environment, and exploring the key principles through the
demonstration of solutions for every geography. In addition, the content of WorldGBC’s ‘Sustainable Reconstruction Guidelines’ will be presented as part of a regional deep-dive on resilient rebuilding of disaster-hit areas.

**COP27 Side event: Future-proofing the built environment: Unlocking finance for inclusive & resilient housing**

15:00-16:30 EET | Tutankhamun side event room, Blue Zone

Lead organisation(s): WorldGBC, Habitat for Humanity International, BuildingToCOP Coalition including GlobalABC

Future-proofing the built environment: Unlocking finance for inclusive & resilient housing

10 November 2022, 15:00 - 16:30 GMT+2
Tutankhamun side event room, Blue Zone, COP27 Sharm el-Sheikh

As countries deal with climate change and with cities expanding, millions more people will need adequate housing. Co-led by WorldGBC, Habitat for Humanity International, BuildingToCOP Coalition including GlobalABC, this session will showcase how building codes, empowered participation, collaboration, and climate finance can boost the delivery of resilient, healthy, equitable and efficient buildings. The session will take the format of a panel discussion and include a Q&A segment.

**Building for a Billion: The Resilient Housing Implementation Lab**

16:45-18:15 EET | Buildings Pavilion auditorium

Lead organisation(s): Build Change
This session will catalyze action for this breakthrough by confronting three key questions for progress:

1. What state policies have been effective at channeling resources towards resilient housing?
2. How can we reframe resilient housing within the financial community as not just a global development need, but also as a key investment opportunity?
3. What is needed for systems transformation to not only recover in the housing sector, but also to prevent future losses and damages?

Through a cross-sectoral exchange, this session will showcase innovation and leadership in climate-resilient housing, and identify gaps and opportunities to advance progress for resilient futures and communities.

COP27 Side Event: Pathways to Sustainable Building Markets through Credible, Comparable Lifecycle-based Information

18:30-20:00 EET | Room Thebes, Blue Zone
This event will showcase the application of Life-Cycle Assessment (LCA) and product declaration in the built environment to achieve mitigation targets in Egypt, Africa & MENA region. Panellists will discuss strategies, opportunities, challenges and ways forward for implementing LCA in the region’s markets. Speakers include:

- Sebastiaan Stiller, CEO, EPD International
- Jonathan Duwyn, Programme Officer, UNEP/GlobalABC
- Nasser Ayoub, Co-founder and CEO, EPD Egypt
- Jauad El Kharraz, Executive Director, Regional Center for Renewable Energy and Energy Efficiency (RCREEE)
- Elin Eriksson, Director Key Accounts and Assignments, IVL Swedish Environmental Research Institute
- Ehab Shalaby, CEO and Chairman, DCarbon Egypt
- Mita Noriyuki, Director Mitsubishi Chemical Corporation, ICCA

Register to watch live

**GCCA Reception**
**18:30-19:30 EET | Buildings Pavilion social space**

Lead organisation(s): Global Cement and Concrete Association (GCCA)
Coming on the eve of the COP27 Decarbonisation Day, where cement and concrete will feature prominently on the programme, this will be an opportunity to come together to reflect on our industry’s collective action and progress, and challenges ahead.

**This reception** aims to provide an informal opportunity to network over a few drinks, with GCCA members and affiliates, dignitaries, partners and wider stakeholders, and all who have an interest in a net zero future for the sector. Please note that this is an invite-only event - please email jon.harrison@gccassociation.org to request a place.

[RSVP here](mailto:jon.harrison@gccassociation.org)

**What else?**

- Instagram Reel: How to get to the Buildings Pavilion?
- Discover all buildings-related events at COP27 via our [online calendar](https://example.com) or the [BuildingToCOP Coalition calendar](https://example.com).

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