

# Bio & Earth-Based Materials Compendium Call for Submissions

## Initiative by:



Global Alliance  
for Buildings and  
Construction



One planet  
handle with care



Life Cycle Initiative



## Co-Chaired by:



CENTRE FOR  
NATURAL  
MATERIAL  
INNOVATION



UNIVERSITY OF  
CAMBRIDGE  
Department of Architecture



The Global Alliance for Buildings and Construction (GlobalABC) Bio-Based Materials Working Group has opened a call for submissions for projects to be featured in the upcoming Bio & Earth-Based Materials Compendium. The Compendium will highlight natural materials used in buildings and construction that exemplify sustainable and regenerative practices, with a focus on projects that empower local and regional communities. It will cover processing and manufacturing techniques, from basic to advanced, and underscore the importance of material sufficiency and low-embodied energy strategies that contribute to decarbonising the building sector.

The Compendium will primarily feature projects composed of natural materials, and we are seeking examples of:

- Products for structural or non-structural building applications, or
- Buildings of any typology

Projects that predominantly use non-biodegradable materials with high-embodied energy will not be considered.

The Bio & Earth-Based Materials Compendium will be launched at the forthcoming United Nations Framework Convention on Climate Change (UNFCCC) Conference of the Parties (COP29) in Baku, Azerbaijan, in November 2024. Selected projects will be presented during a special high-level dialogue on buildings at the event in the Blue Zone to policymakers and diplomats. They will also be included in a broader GlobalABC online database for bio-based materials. This Compendium launch will be the first in a series of high-level events advocating for greater use of bio-based materials in the built environment.

The submission portal is available via Google Forms and will close at 23:59 (AoE) on the 20th of October, 2024. Applicants will be notified of the outcome by the end of October. Successful applicants will be invited to participate online at COP29 and in future events.

**Access Submission Portal:** <https://forms.gle/nJQwSqZsaJcYnWUcA>

The compendium is an initiative under the GlobalABC's Materials Hub, which is managed in partnership with the One Planet network - 10YFP and the Life Cycle Initiative hosted by the United Nations Environment Programme (UNEP). The Bio-Based Materials Working Group is Co-Chaired by Harry Mills, at the Centre For Natural Material Innovation, University of Cambridge and Juan Yacopino, at the Centro Argentino de Ingenieros with support from Konish Naidu, from the Cities Unit at the United Nations Programme.

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