



In collaboration with



Global Alliance
for Buildings and
Construction



INVITATION TO TENDER

GLOBAL STATUS REPORT FOR BUILDINGS AND CONSTRUCTION – DEEP DIVE CHAPTER ON BUILDINGS AND CONSTRUCTION IN AFRICA

BACKGROUND

The [GlobalABC Global Status Report for Buildings and Construction](#) (BuildingsGSR) is a flagship publication of the UNEP-hosted [Global Alliance for Buildings and Construction](#) (GlobalABC) and is a reference document for tracking progress with respect to climate mitigation in the Buildings and Construction sector on a global level. The Buildings Performance Institute Europe (BPIE) with support of several other institutions has led and coordinated the development of the 2020 and 2021 editions of the BuildingsGSR enhancing the methodology and developing the Buildings Climate Tracker and a solid database.

Each year, the BuildingsGSR has a dedicated topical and regional focus. For the 2022 BuildingsGSR the topical focus will be on building materials and embodied carbon; the region focus will be on ***Sustainable Buildings and Construction in Africa***.

AFRICA CHAPTER BRIEF

This request is for an individual supplier who will support the development of the Sustainable Buildings and Construction in Africa chapter.

The supplier will undertake desk-based research as well as qualitative and quantitative analysis based on this research on the status of sustainable buildings and construction activities across the African continent and drafting and finalising the research as a chapter in the 2022 BuildingsGSR.

The proposed outline, described below, will require the supplier to undertake research to cover reports, existing data (e.g. in the form of regional and country databases on buildings and construction) and analysis to provide an overview of current and recent trends and activities related to sustainable building and construction across the African continent (Sub-Section 1).

The supplier will also undertake research to identify common, best and leading practices in buildings and construction as they relate to a number of specific topic areas. These should develop into a narrative of the issue through the use of evidence and reporting from countries and sub-regions in the continent (Sub-Section 2).

The supplier will also support the delivery of a Sustainable Buildings and Construction Practices and Data Survey from relevant buildings-sector stakeholders as well as communication efforts of the final report through their own personal and professional network contacts, and those of the GlobalABC.

As this is an annual report, the analysis should primarily focus on the year 2021 as well as trends over the past 3 years, and no earlier than 2015. Importantly, the analysis must be written with a high quality and rigour that meets the UN Environment Programme standard for reporting. Only peer-reviewed and high quality sources may be used and All facts, findings and quotes must be fully referenced and documented.

A detailed person specification is provided below.

Africa Chapter Content

The following outline provides a draft of the expected elements to be covered in the Chapter deep dive. The approach will include desk-based research including but not limited to existing papers and reports and datasets and databases.

Introduction overview (covering all of Africa):

- Construction activities and drivers



In collaboration with



Global Alliance
for Buildings and
Construction



- Energy and emissions
- Investment and finance
- Construction practices & market trends
- Challenges and opportunities

Decarbonising the African Buildings and Construction Sector*:

- Policies (regulations and laws) for energy efficiency and sustainable construction
- Net zero carbon initiatives
- Advanced construction practices
- Current adaptation and mitigation actions
- Sustainable and zero carbon materials
- Regional Partnerships for Sector Decarbonisation (i.e., Roadmap)
- Common, best, and leading practices
- A map with ongoing sustainable buildings and construction-related roadmaps and initiatives

*National examples will be included throughout the above section as part of the illustration of activities and actions.

Person specification

Essential

- Experience (~5 years) of study and reporting on the African buildings and construction sector as it relates to climate change and sustainability.
- Outstanding writing skills are a must. In particular clear, easy to comprehend, and persuasive writing style that nevertheless conveys objectivity and adheres to strict scientific standards.
- Excellent qualitative and quantitative analytical skills with an ability to extract key insights from existing literature and from data.
- Experience of writing reports, either for the United Nations, other inter-governmental organizations, national governments, leading industry or non-governmental organizations, or academic institutions.
- A degree in a buildings-related area, such as architecture, urban planning and development, environmental design and engineering of buildings, sustainability and policy for the built environment.
- Strong connections to buildings and construction sector stakeholders within the continent and the ability to further build connections as part of this reporting.
- A high standard of knowledge of English speaking, reading and writing; and (desirable) a good standard of knowledge of French speaking, reading and writing.
- Self-motivated, capable of thinking creatively and analytically, ability to solve problems for the purpose of reporting new insights, being independent but contributing to a group effort, and able to work to deadlines.
- Ability to work from mid-April to early-August.

Desirable

- An additional degree, training, or experience in written communication is an asset
- A degree, training, or experience in quantitative data analysis is an asset.
- To be based-in or having come from the African continent
- To have thorough/intimate knowledge of the diversity of cultures on the African continent

Budget

The available budget for this work is up to 3 months FTE or \$20,000 USD, subject to experience and confirmed budget.

How to Apply

Please send a CV, a proposed workplan, day rate in USD, and a sample of writing to Oliver Rapf (oliver.rapf@bpie.eu) and Ian Hamilton (i.hamilton@ucl.ac.uk) by 14 April 2022.