

TYOLOGIES, TERRITORIES AND THE URBAN LATTICE

Task 2 of 4

THE "5000 FOR 5000" HOME COMPETITION

<u>Duration</u>	<u>Scale</u>	<u>Activity Type</u>	<u>Content</u>
2 weeks	1:50	Workshop and Pin up	The housing unit and typology

INTRODUCTION

Evidence of a rising middle class abound in Sub-Sahara Africa's largest cities. However, there is another story: uncomfortable and increasingly often less told. The story of Africa's urban poor. It estimated that today, Two third of the population in Africa's cities and townships live on less than US\$3.10/day.

Almost universally, housing supply has failed to respond to the need of this significant and legitimate population. The cost of new housing including those built by Government Agencies are significantly in excess of what this segment of the population can afford. The consequence is the rapid growth of informal settlements, slums on the edge of Africa's major cities with obvious consequences for economic development, health, safety and security.

As Africa's primary Housing Development Finance Institution this challenge presents an opportunity for Shelter Afrique to lead a result focused debate on how the housing market can be made to work for the more than 300m Africans including women and children who are currently unserved. But beyond the debate, we now want to work with partners to promote innovation in low income housing developments in Sub-Sahara Africa.

As an initial step towards this commitment Shelter Afrique is promoting an International DESIGN +DEVELOPMENT completion. The following sections describe our overall concept and framework for the competition ahead of a detailed Competition Brief.

THE AIM AND OBJECTIVES

The aim of the competition is to stimulate and reward innovative thinking about how a livable and sustainable home can be designed and produced at a capital cost of no more than US\$5000 equivalent to the end user. In addition to the cost parameter, the Competition's key themes will include but are not limited to:

- Sustainability – The design solution will give important consideration to the environment, cost in use and adaptability to specific location contexts;
- Practicability – The homes will be buildable;
- Supply Chain Innovation – The proposed solutions will propose innovation along each part of the supply chain towards achieving the objective;
- Beauty and Aesthetic – Inspire a new urban aesthetic and landscape that empowers and uplifts people on low income.

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ELECTIVE 2

6 FEBRUARY > 7 APRIL
Quarter 1

ELECTIVE CONVEYOR
Amira Osman

ASSISTANT
Afua Wilcox

TIME
Mon & Thurs 9-1

VENUE
LG 050

BRIEF

3/5

Shelter Afrique's objectives and anticipated outcomes from the initiative are as follows:

- Access to a replicable model of a US\$5000 home (at 2016 prices) and urban planning to underpin large scale low income housing programme including over 1 million homes across Sub-Saharan Africa by 2025.
- Development of a sustainable supply chain able to support a large scale low income housing delivery programme whilst at the same time creating new jobs.

DESIGN BRIEF

- The proposed design is for a 1 bedroom dwelling unit with a foot print of approximately 45 square meters.
- Design to include kitchen, bedroom, toilet and living area.
- Adequate lighting with adaptable design to suite a range of customers.
- Generous head room and floor to ceiling heights with possible options for natural ventilation.
- Use of eco- friendly, light weight sustainable materials to achieve low construction cost requirement.
- The design should be easy to replicate.

SUBMISSION REQUIREMENTS

- Submissions should be on A3 in pdf format.
- Plans, Elevations and Sections to be submitted in scale 1:50
- Isometric View of Floor Plan showing furniture arrangement.
- 3D Concept Visualization of full design scheme (interior and Exterior)
- The visual images of the design concept will be used for publicity purposes (this will also be used in the online gallery of all entries at the end of the competition). The 3D visualization should represent the ideas proposed and be readily identifiable as such. This should be submitted in JPEG format
- A short written statement explaining the concept/unique selling point and how the design addressed the brief should be included in the submission.
- Illustrate how the design can be adapted in various sites.
- Demonstrate how your design can be built using various build methodologies

COMPETITION ENTRIES

The Competition will be open to all nationalities and anyone including individuals, team of designers, artists, architects, engineers etc. We will be looking for cross-disciplinary teams collectively able to respond to the diverse challenges posed by the Competition.

SUBMISSION DATE FOR HUE_UJ:

February 23rd 2017

Reference

<http://www.shelterafrique.org/index.php/the-5000-for-5000-home-competition/>

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