

# Futuropolis 2044

RESORT AFRICANA



AESTHETICS STUDIOS

# Foreword

At Aesthetics Studios, we believe in the transformative power of architecture to not only shape spaces but also inspire a new narrative for culture, creativity, and development in Nigeria. Futuropolis 2044 – Resort Africana is more than just a competition; it is a celebration of our heritage, a platform for young architects, and a call to reimagine what our built environment can become when infused with the essence of African identity.

Our vision for Futuropolis 2044 is to create a bridge between the traditional and the contemporary—empowering young Nigerian architects under the age of 25 to explore innovative designs rooted in the rich cultural tapestry of our nation. By challenging participants to create modern, mini resorts that reflect the history and art of their chosen locations, we are igniting conversations about sustainability, cultural preservation, and economic growth within the architecture and tourism sectors.

The goal of this initiative is not just to celebrate the talents of our youth but to inspire stakeholders—investors, policymakers, and professionals alike—to see the immense value in designs that honor our heritage while meeting the demands of the modern world. With an emphasis on collaboration, sustainability, and creativity, Resort Africana aims to catalyze projects that will position Nigeria as a global hub for culture-driven tourism.

We are profoundly grateful to our partners, sponsors, and the architecture community for sharing in this vision. Together, we can elevate Nigerian architecture, showcase the potential of our heritage, and pave the way for a future that marries innovation with identity.

Christopher Chima EZENGWA  
Aesthetics Studios (A for Aesthetics)  
CEO

# Project Brief

Resort Africana invites young Architects (aged 25 and below) to design a mini-resort representing a Nigerian geopolitical zone, celebrating the country's rich cultural heritage. Showcase creativity, innovation, and cultural sensitivity in architectural design.

## Design objective

Design a modern mini-resort blending African art and architecture with advanced local materials from your chosen Nigerian geopolitical zone. Embrace the region's rich culture, history, and values, creating a harmonious fusion of contemporary style and cultural authenticity for an immersive visitor experience.

## Price Categories

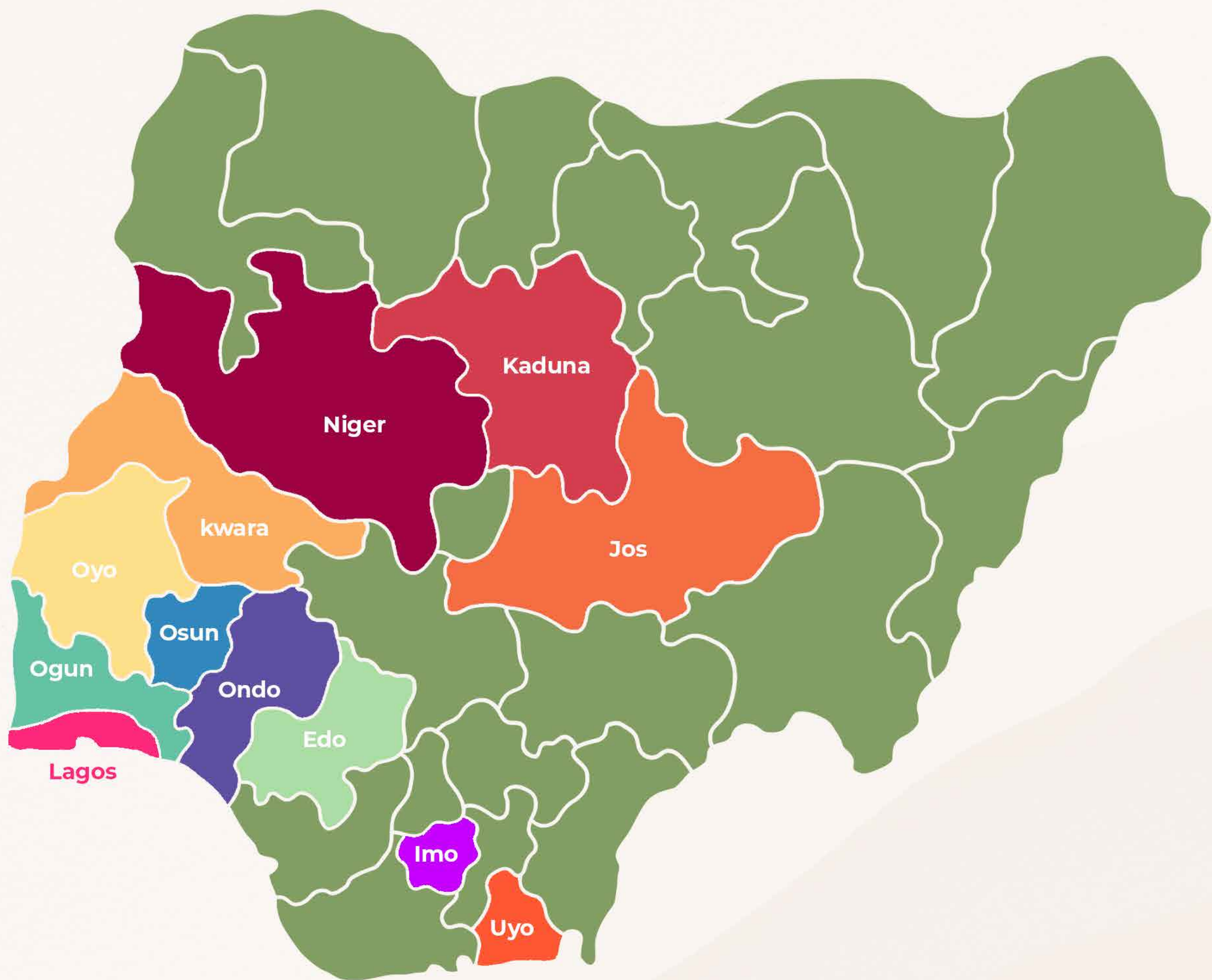
**Best African  
Approach 200k**



# Sponsors



# Participants



- |   |  |
|---|--|
|  Federal University of Technology, Minna |  University of Lagos<br>Yaba College of Technology |
|  Ahmadu Bello University (Kaduna)        |  Obafemi Awolowo University (Osun)                 |
|  University of Jos (Jos)                 |  Federal University of Technology Akure (Ondo)     |
|  University of Ilorin (Kwara)            |  University of Benin (Edo)                         |
|  Ladoke Akintola University (Oyo)        |  Federal University of Technology, Owerri (Imo)    |
|  Bells University of Technology (Ogun)   |  University of Uyo (Uyo)                           |

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Futuropolis 2044

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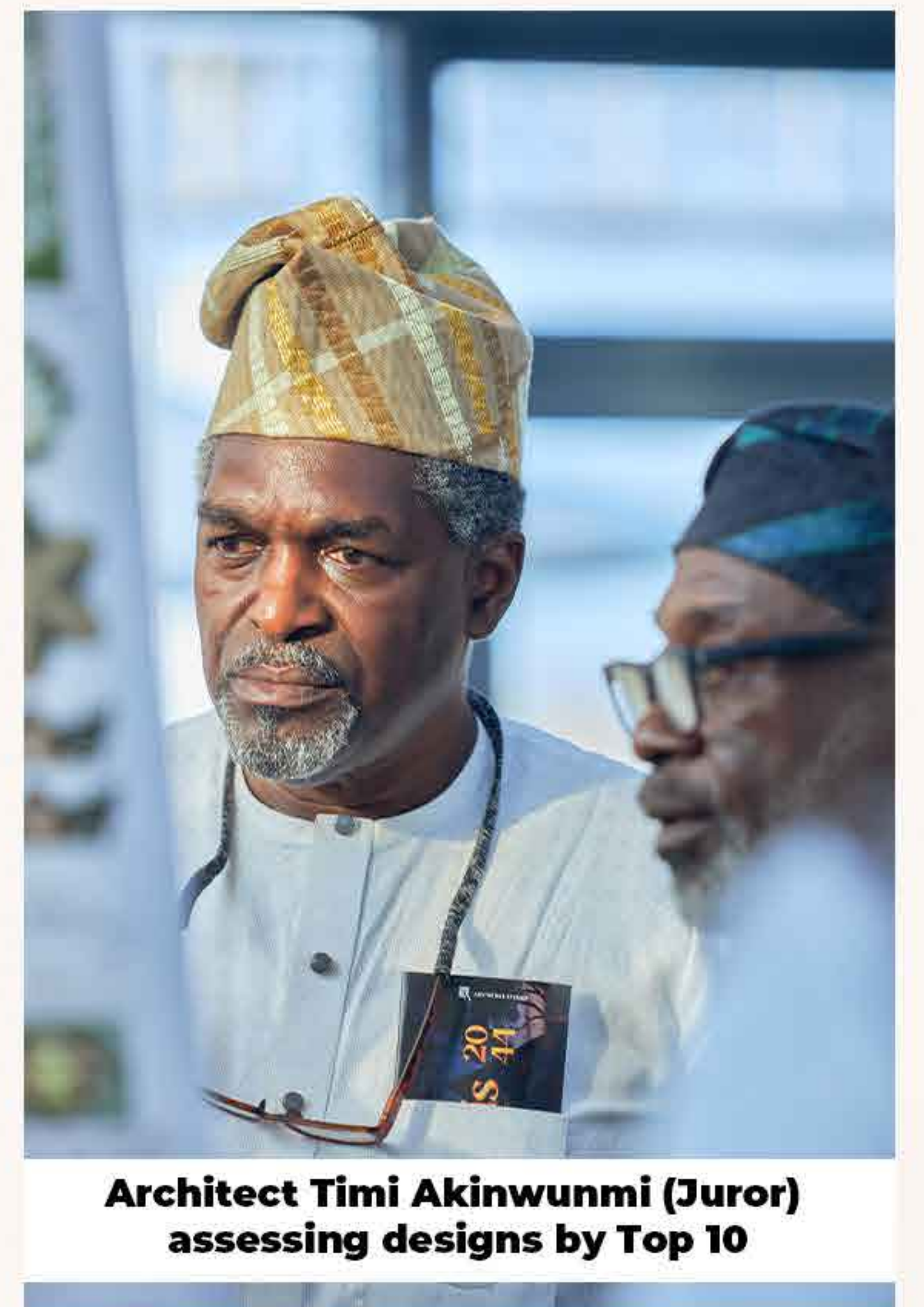
# Event day picture



Architect Timi Akinwunmi (Juror) assessing designs by Top 10



Participant



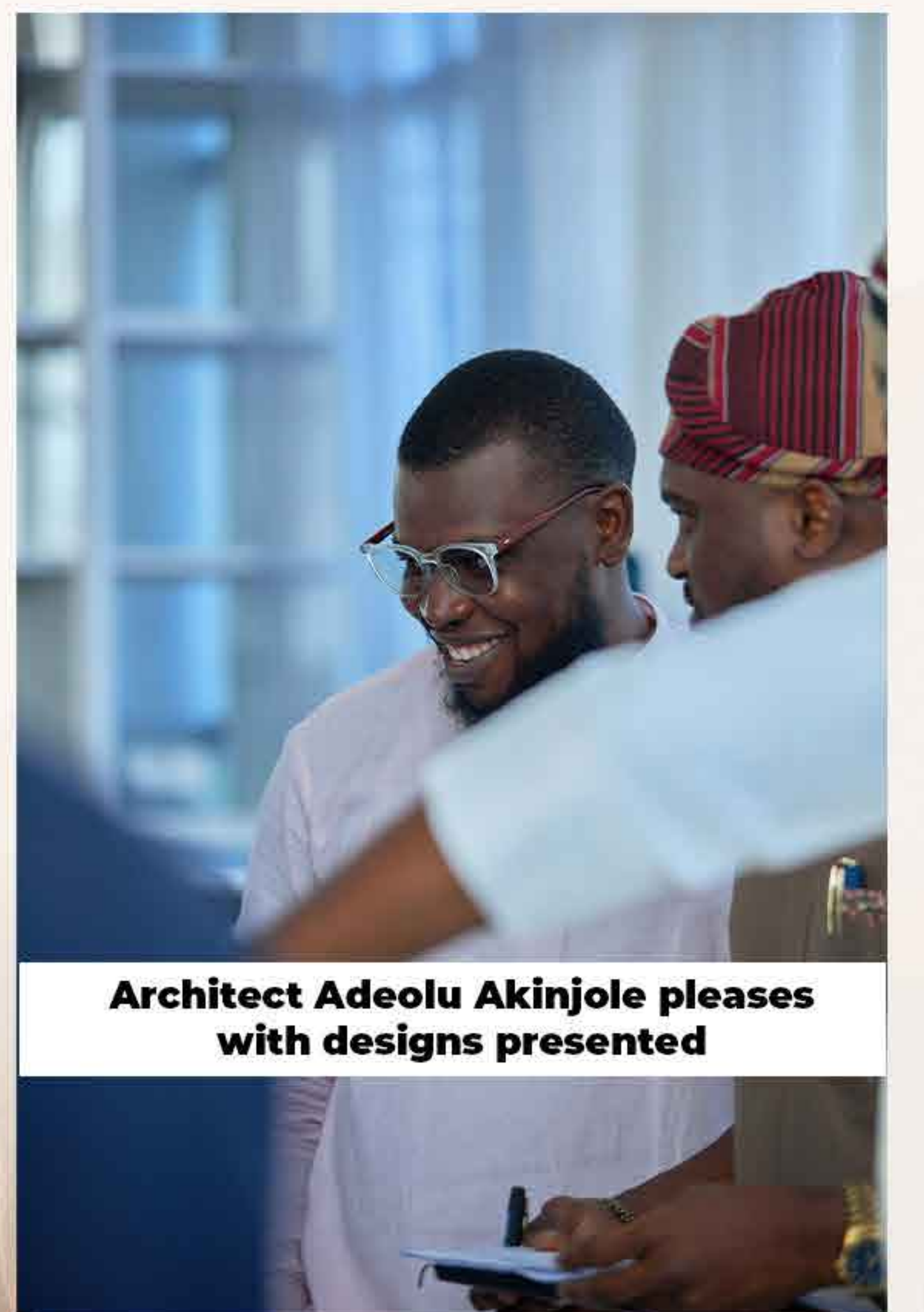
Architect Timi Akinwunmi (Juror) assessing designs by Top 10



Participants



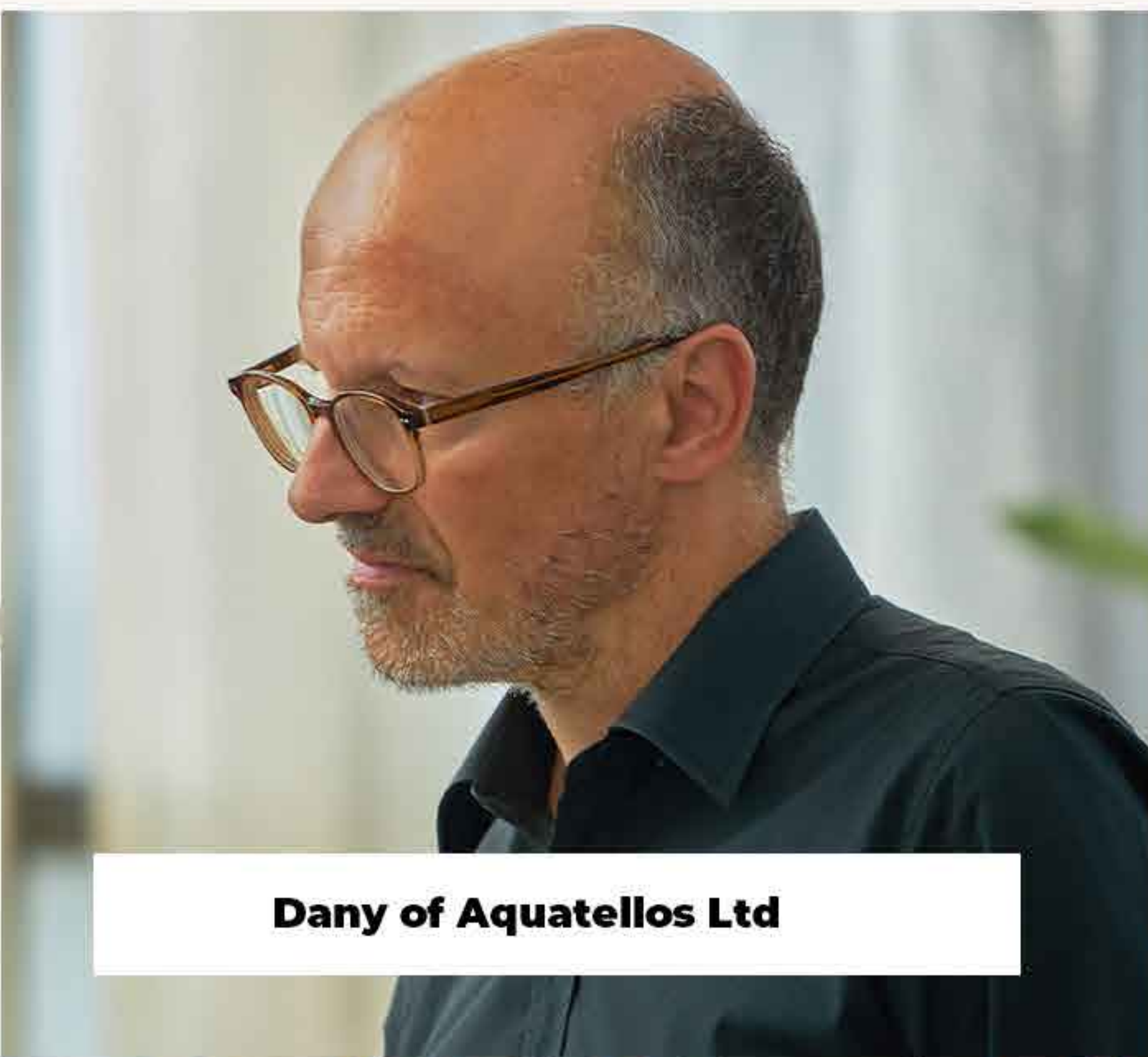
Participants explaining their design to industry professionals



Architect Adeolu Akinjole pleases with designs presented



Participants listening to opening address



Dany of Aquatellos Ltd



Participants explaining their design to industry professionals

# Event day picture



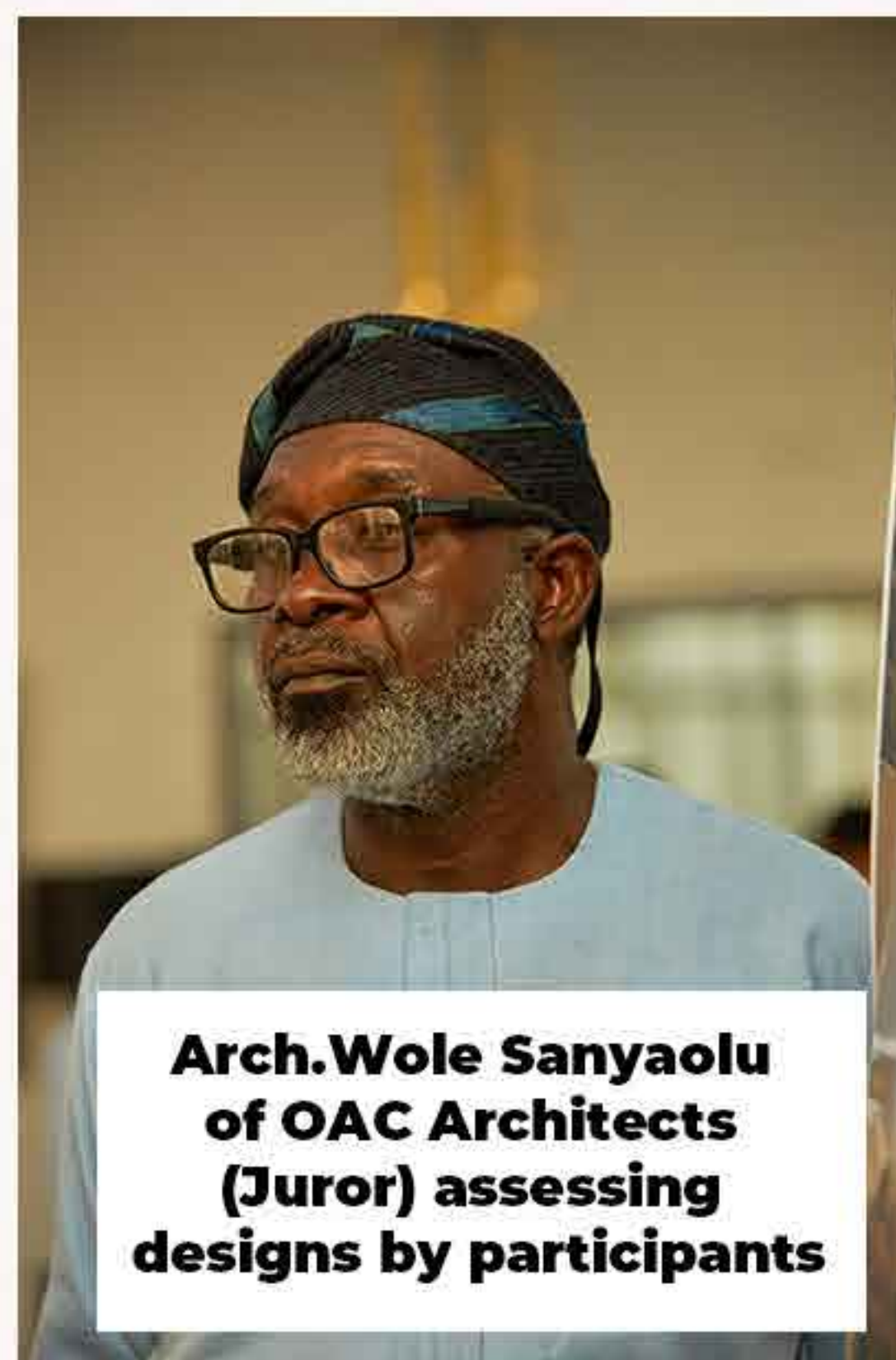
**Participant explaining his design to Bunmi Balogun of Berger Paints**



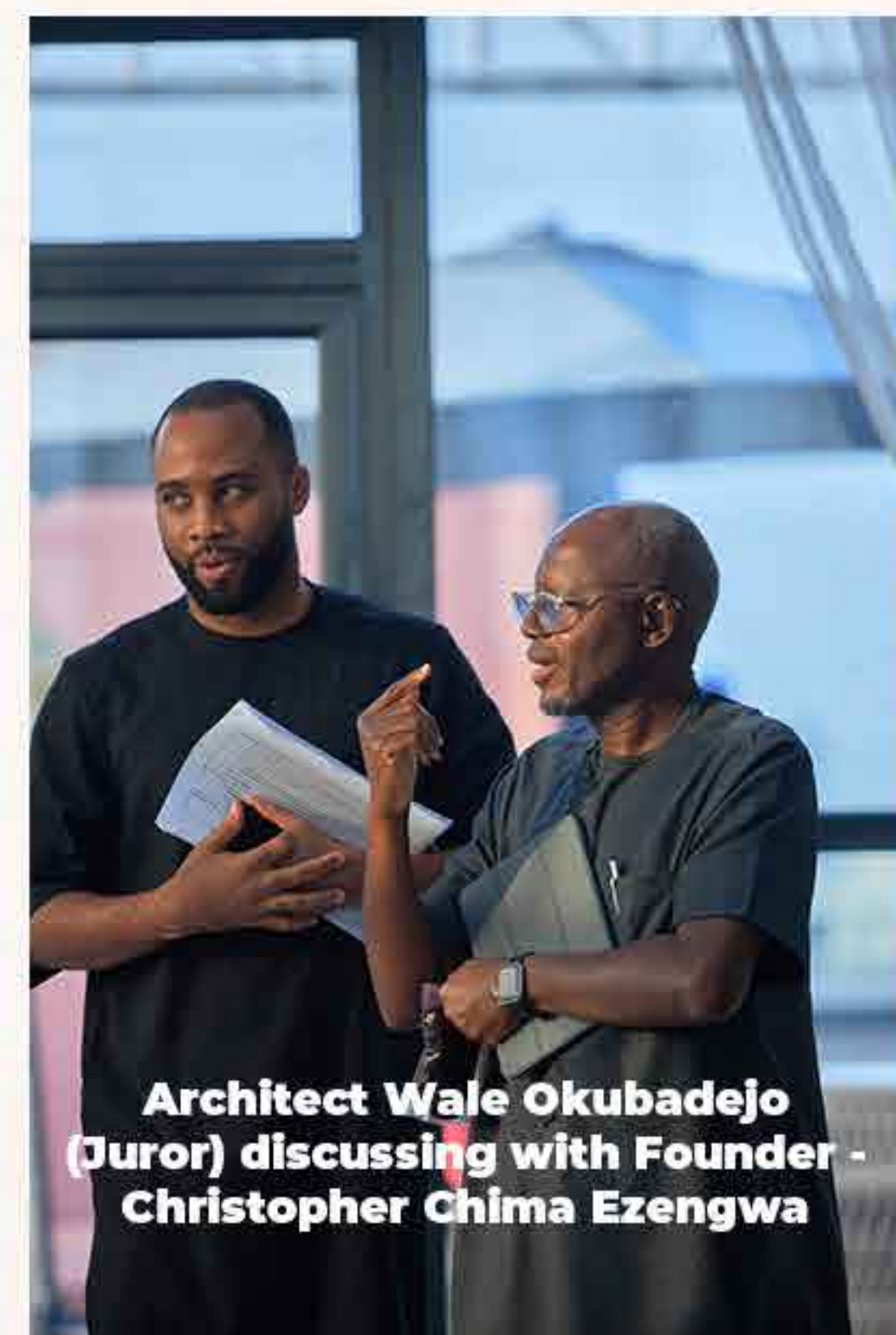
**Jurors' discussion**



**NAAS Representatives and Futuropolis Founder - Christopher Chima Ezengwa**



**Arch. Wole Sanyaolu of OAC Architects (Juror) assessing designs by participants**



**Architect Wale Okubadejo (Juror) discussing with Founder - Christopher Chima Ezengwa**



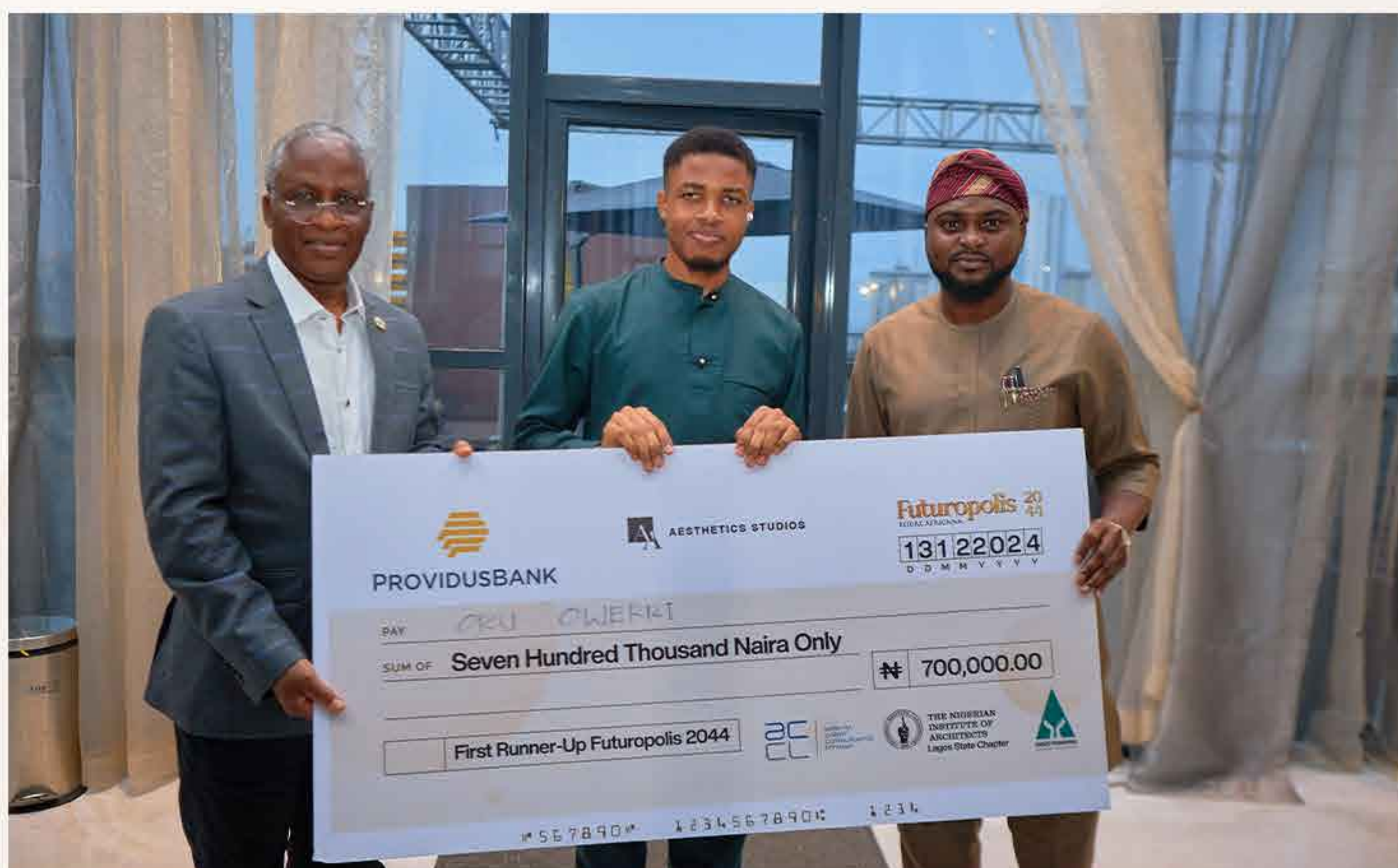
**Jurors Belinda Atiyio and Akinyemi Akinwale (of ACCL) making assessments to designs**



**Architect Alaba Fagun of Berger Paints Nigeria presents award to winner of Best African Approach**



**Top Nigerian Creators (Belema Ogulu and Temitope "Pasheda" Ibidunni) present award to Second Runner Up on behalf of Pascal Watts and Grapes Pattern Bank**



**First Runner Up Award presented by Town Planner Toyin Ayinde and NIA Chairman Lagos Chapter - Biodun Fatuyi**



**First Place Prize presented by Jurors Arc Timi Akinwunmi of SAS Consultant and Arc. Wole Sanyaolu of AEK Design Studios**

# First place - FG005

'THE MANY FACES OF THE SOUTH'

Introducing

THE SOUTHY SOUL RESORT,  
SOUTH-SOUTH NIGERIA



FG 005 - group  
AWATA DOROTHY OKEOGHENEMARO  
ADEJO FRANCIS  
IBIAPUYE CHARLES

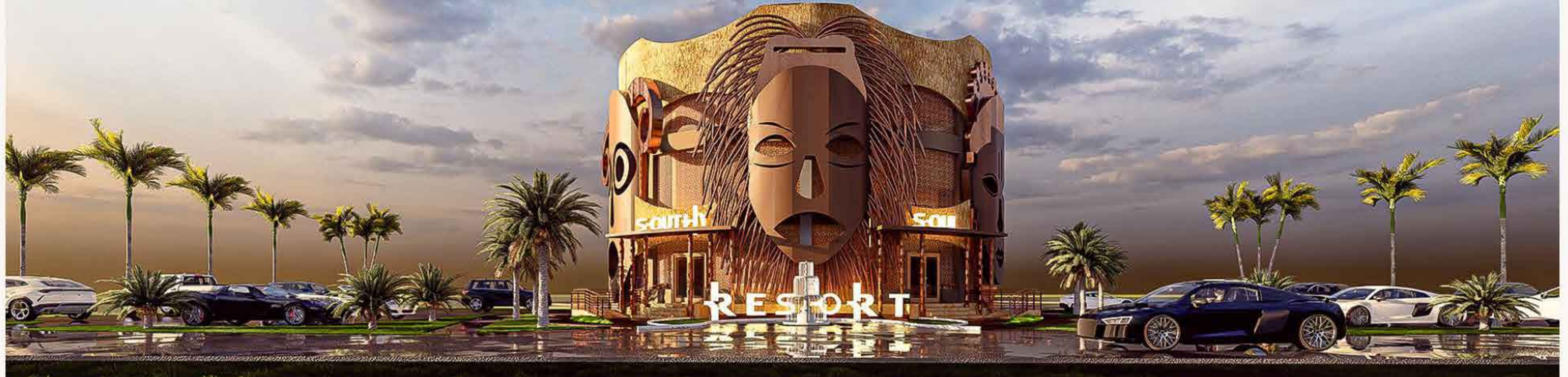
Bells University of Technology

Futuropolis Resort Africana

# First place - FG005

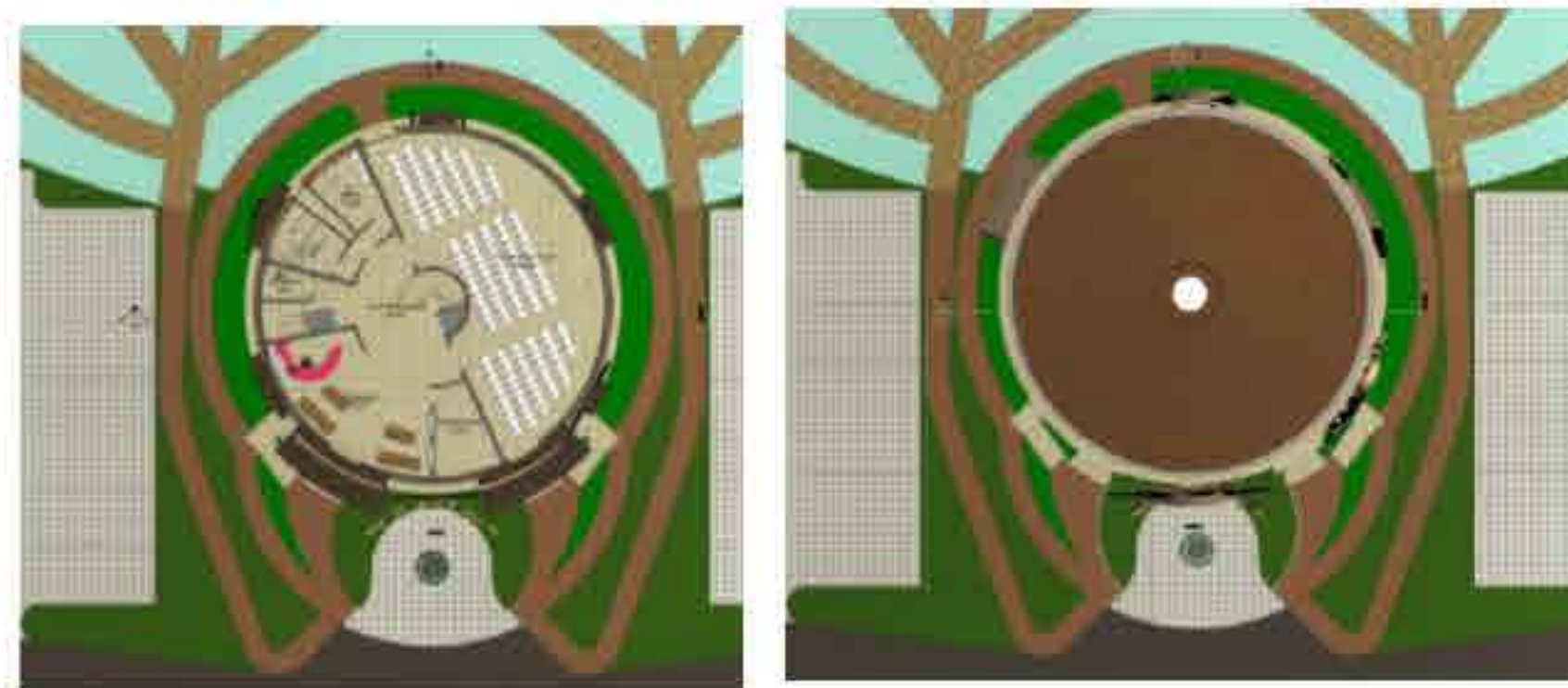
## ADMINISTRATIVE BUILDING

PROJECT NAME: SOUTH SOUL RESORT  
 LOCATION: ABUJA, FEDERAL CAPITAL TERRITORY, NIGERIA



THE ADMINISTRATIVE BUILDING WAS DESIGNED TO EMBODY THE CONCEPT OF "THE MANY FACES OF THE SOUTH." THIS CIRCULAR, THREE-STORY STRUCTURE IS WRAPPED IN CULTURALLY SIGNIFICANT MASKS FROM SIX OF THE PROMINENT ETHNIC GROUPS OF SOUTH-SOUTH NIGERIA. THE ADMINISTRATIVE BUILDING ACTS AS THE BRAIN OF THE RESORT. IT NOT ONLY MANAGES OPERATIONS BUT ALSO CELEBRATES CULTURE WITH AN IN-HOUSE GALLERY AND MUSEUM.

THE BUILDING IS LOCATED AT THE ENTRANCE INTO THE SOUTH SOUL RESORT WITH PARKING SPACES TO THE RIGHT AND LEFT SERVING BOTH THE BUILDING AND THE RESORT. WITH A TOTAL SURFACE AREA OF 6265qm OF THE SITE, THIS BUILDING BOASTS OF THREE FLOORS ACCOMMODATING ACTIVITIES FROM ADMINISTRATION TO CULTURAL PRESERVATION.



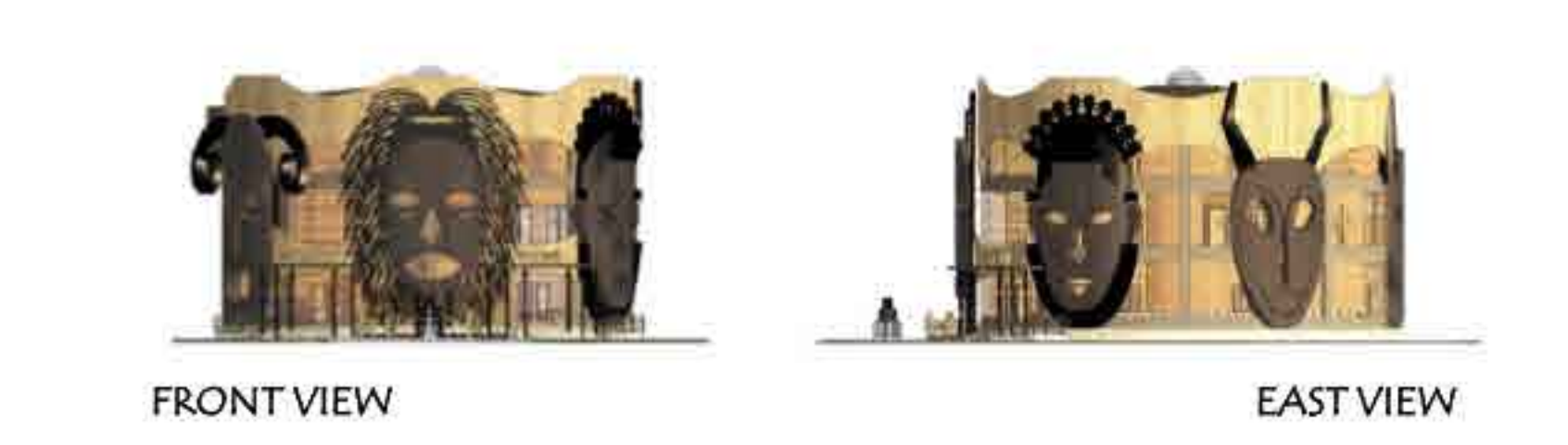
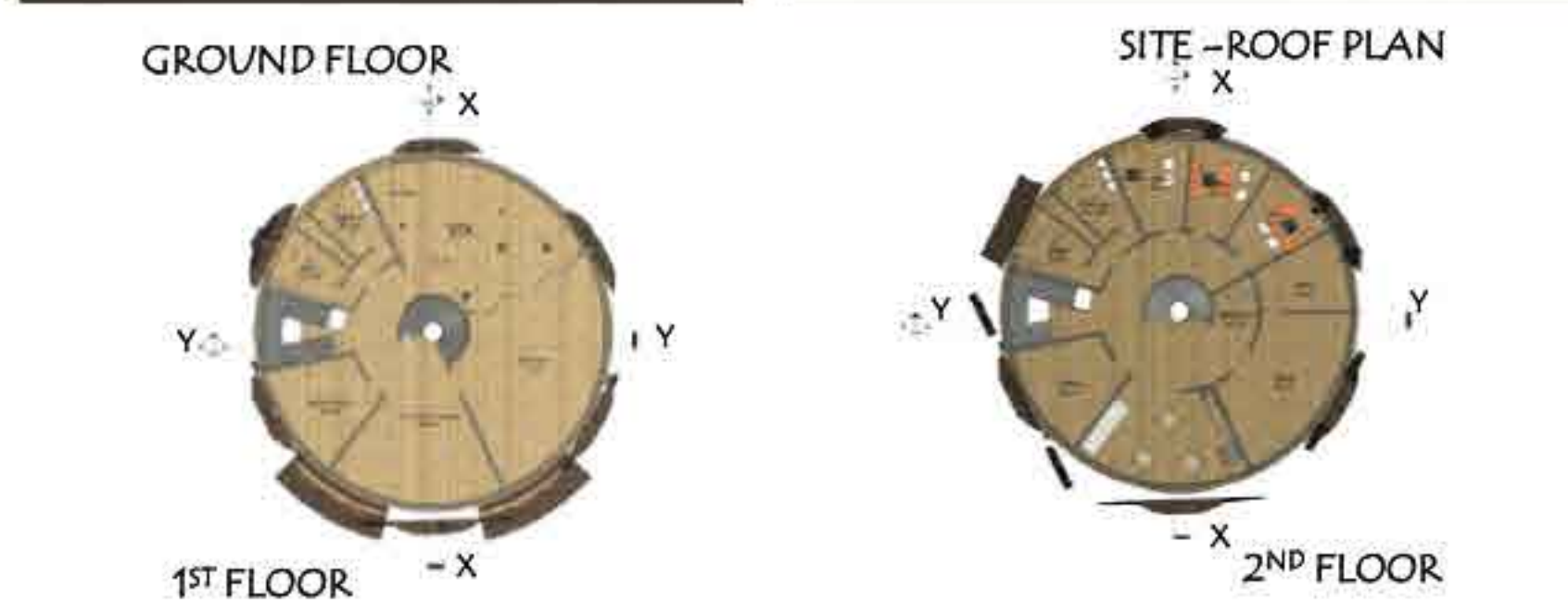
SCHEMATIC DRAWINGS



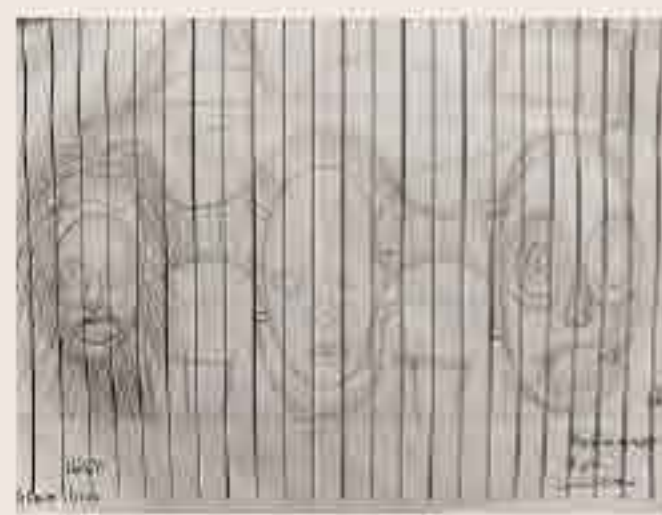
AT THE GROUND FLOOR LEVEL, TWO GRAND ENTRANCES PROVIDE ACCESS INTO THE BUILDING. THE LEFT ENTRANCE LEADS INTO A RECEPTION AREA WIDE ENOUGH TO SERVE GUESTS SEEKING TO CHECK INTO THE RESORT OR TO REGISTER FOR ACTIVITIES WITHIN. THE RIGHT ENTRANCE LEADS INTO A 180+ SEATER HALL PERFECT FOR CONVENTIONS, TRAININGS AND CEREMONIES WITH SEVERAL ENTRY AND EXIT POINTS. OTHER SPACES ON THE GROUND FLOOR INCLUDE THE CONVENIENCES AND ROOMS FOR ELECTRICAL AND MECHANICAL MAINTENANCE.

AT THE 1ST FLOOR LEVEL THE SPACES INCLUDE A MUSEUM AND GALLERY, DIVIDED BY A FOLDABLE DOOR. ART FROM SOUTH-SOUTH NIGERIA CAN BE DISPLAYED, SOLD AND VIEWED. THESE SPACES CAN ALSO BE CONVERTED TO FUNCTION AS ONE BIG SPACE. OTHER SPACES INCLUDE A STORE ROOM, CONVENIENCES AND AN OPEN SPACE FOR POPUP SHOPS AND SNACK VENDORS.

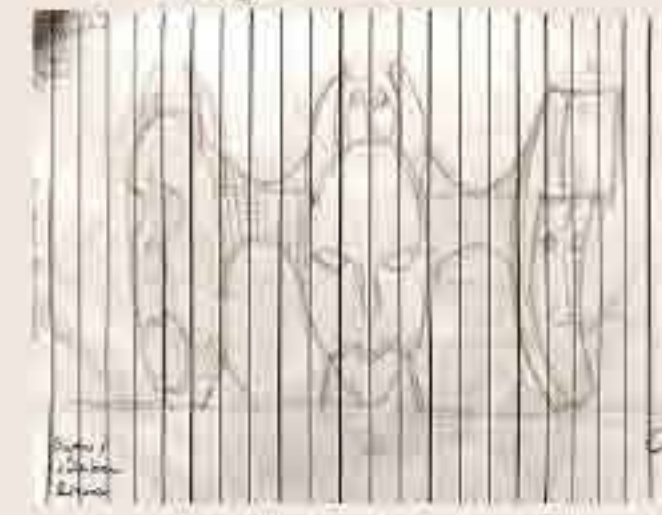
THE LAST FLOOR IS THE ADMINISTRATIVE PORTION OF THE BUILDING INCLUDING OFFICES, OPEN KITCHENETTE AREA. HERE OPERATIONAL DIRECTIVES ARE ISSUED OUT BY THE RESORT'S MANAGEMENT.



The building was designed with inclusivity and sustainability in mind. Some features include provision of conveniences, ramps, mechanical wheelchair stair lifts and hollow brick walls. The hollow brick wall which surrounds the building provides maximum entry of natural light and ventilation, thus creating more energy efficiency and cost-effective construction methods. The clay roof follows a conical shape, hosting a skylight at its center casting in natural light illuminating the grand central circular stairwell. The roof slopes downwards where runoff water is collected in the roof gutter and channeled through the 6 masks into an underground greywater storage tank which is pumped back into the building for use.



CONCEPTUAL SKETCHES



HAND SKETCHES



# Second place - F73



## INTRODUCTION

Welcome to Owerri Nchi Ise Resort, where the spirit of community and celebration comes alive. Inspired by the vibrant traditions of the Oru-Owerri festival, this resort is a haven where guests can experience the warmth and joy of Igbo culture. Just as the festival brings people together to celebrate life, love, and unity, this resort is designed to foster a sense of belonging and connection among our visitors.

Nestled in the heart of Imo State, Nigeria, this resort is a tranquil oasis that honors the rich heritage of the Owerri people. You'll be immersed in a world of vibrant colors, lively rhythms, and warm hospitality. This resort's philosophy is rooted in the values of the Oru-Owerri festival: community, love, and the celebration of life's simple pleasures.

### WHY Owerri?

Nigeria, with its rich cultural tapestry and diverse landscapes, holds numerous travel destinations waiting to be explored. Among these, Owerri stands out as a hidden gem that captivates visitors with its unique blend of tradition, modernity, and warm hospitality. We delve into the reasons why Owerri is a great travel destination in Nigeria, enticing both locals and international travelers to experience the charm it has to offer.

#### 1. Cultural Extravaganza: A City Steeped in Tradition

Owerri, the capital of Imo State, is a city that proudly embraces its cultural heritage. Travelers seeking an authentic Nigerian experience will find Owerri to be a treasure trove of traditions and customs. The city is home to vibrant festivals, colorful masquerades, and traditional dances that offer a captivating glimpse into the rich cultural tapestry of the Igbo people.

#### 2. Architectural Marvels: The City of Statues

Owerri has earned the nickname "The City of Statues," and for a good reason. The cityscape is adorned with an array of artistic sculptures that reflect both historical and contemporary themes. The Mbari Cultural and Art Center, a cultural hub in Owerri, features sculptures and artworks that pay homage to Igbo deities, folklore, and the spirit of the people.



## PHILOSOPHY (ORU-OWERE)

My philosophy for the Oru-Owerri Resort is deeply rooted in the origin story of Owerri State and the vibrant Oru Owerri Festival (THE FESTIVAL OR FEAST OF OWERRI INDGENES). With inspiration from the rich cultural heritage and traditions of the Igbo people, blending timeless elements with modern luxury with the spirit of cultural restoration.

The idea is to successfully infuse the essence of festivals in my design, particularly the Oru Owerri festival (celebration of life, love and oneness amongst the people of Owerri nchi ise community) which is in line with the theme of this design competition (oneness, comfort and culture). Oru-Owerri festival is a festival and cultural carnival celebrated annually by the Igbo people (ndi-igbo) of five traditional Owerri villages in Owerri municipality of Imo state in Nigeria (Umuororunjo, Amawom, Umuonyeche, Umuodu and Umuoyima).

The festival which is also known as the 'traditional Christmas' of the people of Owerri, is in remembrance of the founding of Owerri (Owerri) historically, about 1463 AD or thereabout but in the 14th century by Ekwem Oha Arugo. The main importance of this festival is the celebration of life, love and oneness amongst the people of Owerri nchi ise community. The festival is marked by a period of the observance of peace, love, friendliness and togetherness, devoid of bitterness, quarrels, antagonism and physical confrontation, no weeping when death occurs during the period, no firing of cannon and a time to make up quarrels without third party intervention as stipulated by custom.

It is this festival that make Owerri Municipal to be the utmost hub of cultural activities or the melting point of culture and tradition in Imo State. This Owerri festival is celebrated in July every year and lasts for a week, commences with roasting and eating of special yams.

### DESIGN PHILOSOPHY:

- **Cultural Representation:** My design reflects the unique cultural identity of the zone. This includes traditional patterns, colors, and architectural forms.
- **Modern Aesthetics:** While honoring traditional aspects, ensure the design is modern and functional. Embrace contemporary materials and technologies that can enhance comfort and sustainability.



## SITE ANALYSIS

### SITE DESCRIPTION

**Site location:** Owerri, Imo State, Nigeria  
**Area of the site:** 2 hectares  
**Hottest month:** February at 28°C  
**Colest month:** August at 24.2°C  
**Wettest month:** July

### WIND ANALYSIS

**windiest month:** August

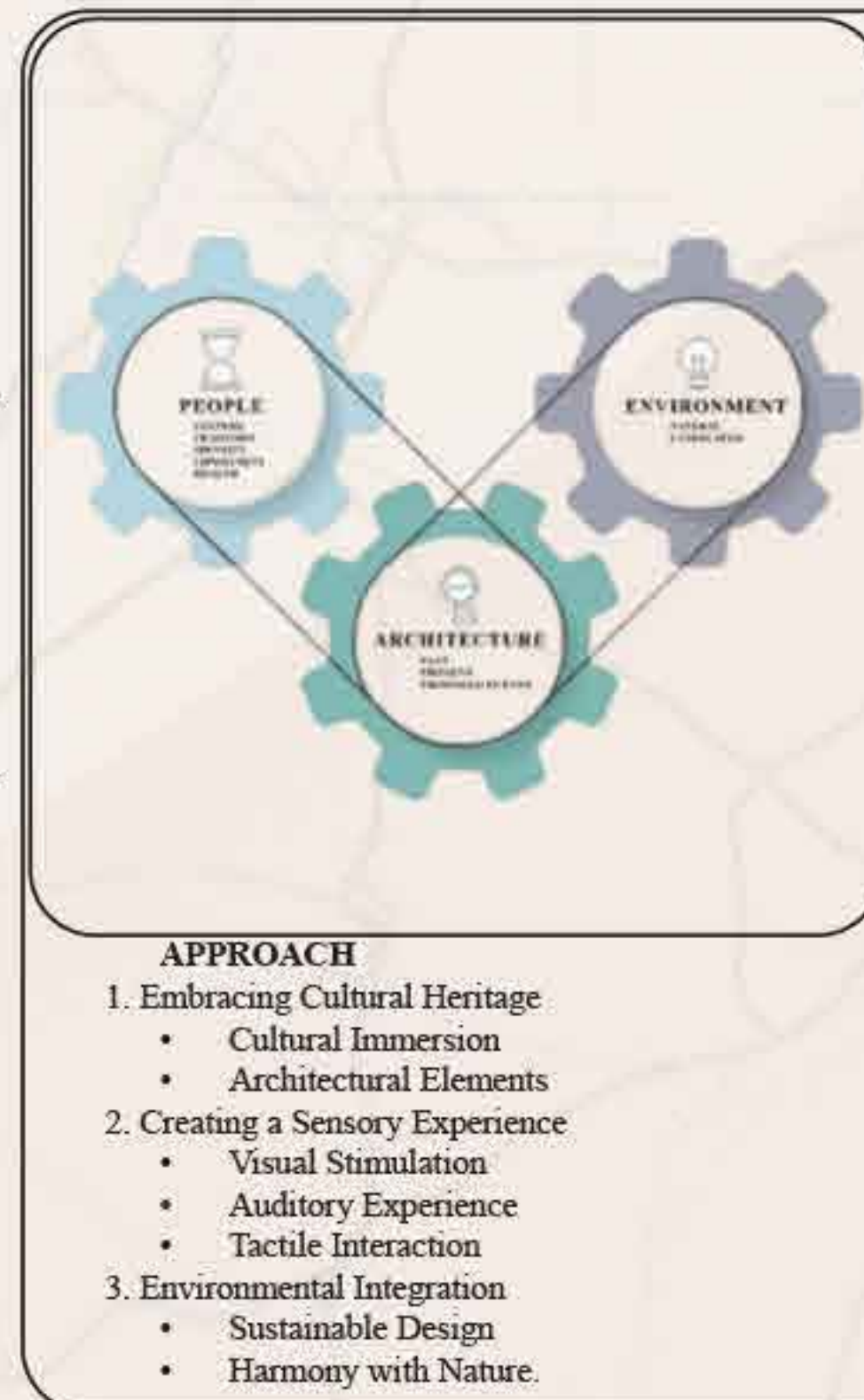
### ORIENTATION

*Positioning of buildings in relation to seasonal variations in the sun's path as well as prevailing wind directions.*



### SWOT ANALYSIS

- S** **Natural Beauty** The site offers breathtaking natural landscapes  
**Biodiversity** Rich flora and fauna  
**Sustainability Potential** The site's resources supports sustainable practices.  
**Cultural Heritage** Presence of local culture, traditions, and history  
**Climate** A favorable climate
- W** **Fragile Ecosystem** located in an ecologically sensitive area.  
**Limited Accessibility** the site is far from airports/ major roads.  
**Limited Technological Infrastructure** Access to certain technology will be limited
- O** **Unique Ecosystem** this surroundings hosts rare species  
**Proximity to Natural Attractions**  
**Cultural Immersion** the site is near indigenous communities, you can create cultural immersion experiences  
**Renewable Energy Potential**  
**Eco-Friendly Building Materials:** materials like bamboo and clay can be easily sourced around the site
- T** **Erosion and Land Stability** the site is on a slope / near a body of water, there may be risks of soil erosion or landslides  
**Dependency on Local Resources** the resort relies heavily on local resources like food, water, or labor. Fluctuations in availability or quality could affect operations and guest experiences.



## KEY CONCEPTS

- Sustainable building materials
- Holistic wellness program
- Indigenous construction techniques
- Biodiversity conservation
- Innovative technology
- Art as architecture
- Reuse and recycle.

# Second place - F73



■ PUBLIC QUATERS(AMA)  
■ COURTYARD  
■ PRIVATE QUATERS(EZI)

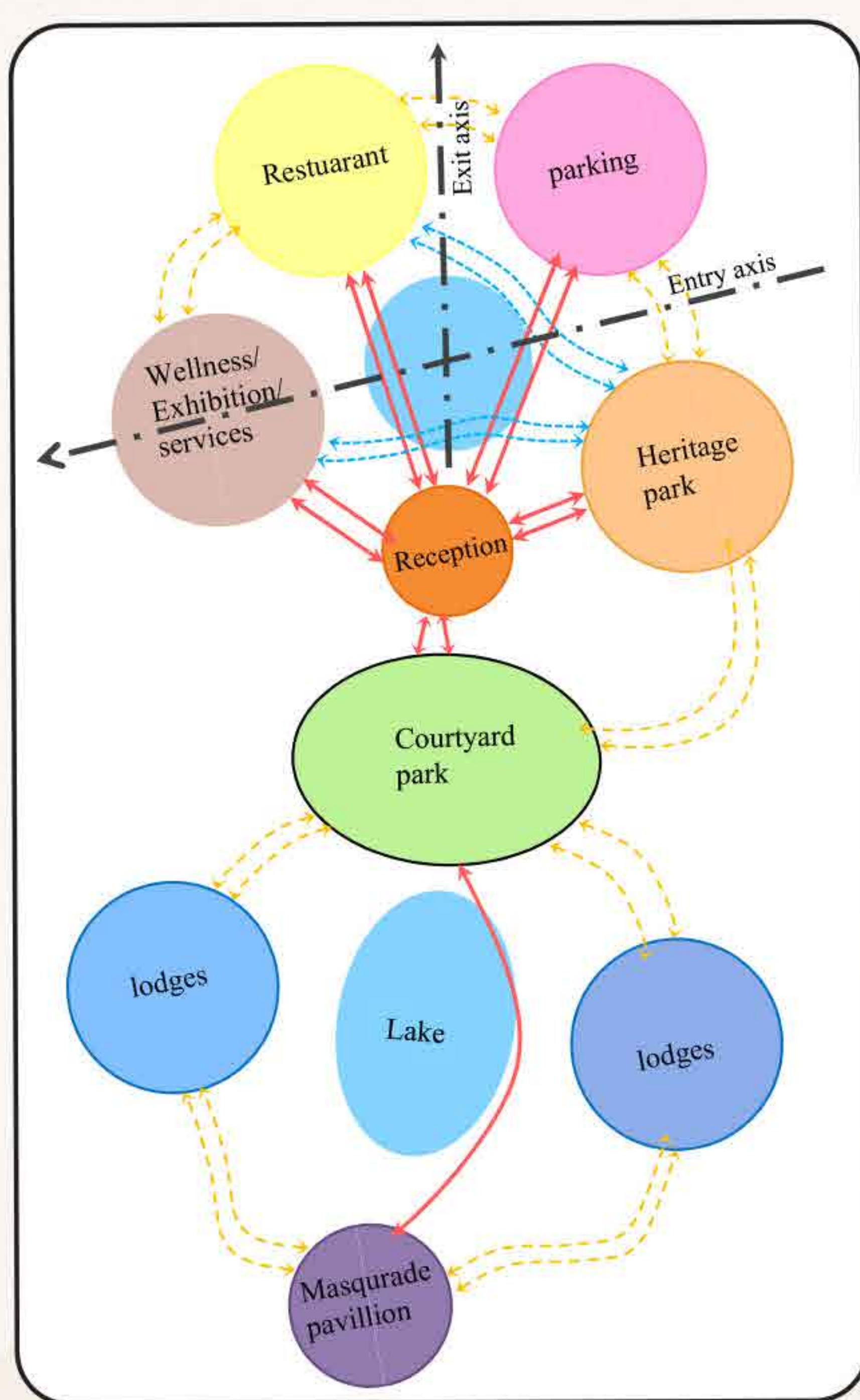
■ DRIVEWAY / MAJOR PATH  
■ CONNECTOR PATH  
■ LOCAL PATH

■ PARKING  
■ RECEPTION  
■ WELLNESS AREA  
■ RESTUARANT

■ HERITAGE PARK  
■ COURTYARD  
■ LODGES  
■ MASQUARADE PAVILLION

## CONCEPT DEVELOPMENT

Divided into Two main sections, just like that of a typical Igbo society, two distinct areas are discernible – the public quarters (ama) and the private quarters/kindreds (ezi) separated by a courtyard. The public quarters (ama) housed the assembly spaces for all general activities.



**LEGEND**  
— Strong link    - - - Intermediate link    · · · Weak link

## ILLUSTRATIVE MASTERPLAN

The synthesis of sustainability, elegant landscaping and timeless design. As the first master planned eco lodge in Imo state, it's fitting that this resort is built on the indigenous style and principally features Earth(clay) and bamboo materials that can be sourced locally, virtually everything in this resort is to be constructed from these materials.



- LEGEND**
- ① ENTRY
  - ② PARKING
  - ③ STATUE
  - ④ LAKE
  - ⑤ RECEPTION / ADMIN
  - ⑥ RESTUARANT
  - ⑦ BAR
  - ⑧ SWIMMING POOL
  - ⑨ WELLNESS/ SERVICES
  - ⑩ HERITAGE PARK
  - ⑪ PAVILLION
  - ⑫ COURTYARD PARK
  - ⑬ LODGES
  - ⑭ MASQUARADE PAVILLION
  - ⑮ PLAY AREA

T I M E L E S S !

# Third place - FG007

## ORON MANGROVE RESORT AFROFUTURISM

ORON MANGROVE RESORT  
- A COMMUNITY TALE

DESIGN TEAM  
FG007

TEAM MEMBERS

- GEORGE, EKIKEREABASI
- FRANK, KINGSLEY
- TOLUWANIMI



# Third place - FG007

## ORON MANGROVE RESORT AFROFUTURISM

RENDERED VIEWS



SINGLE UNIT CABIN



DOUBLE UNIT CABIN



RESTAURANT & BAR



SINGLE UNIT CABIN



RESTAURANT & BAR VIEW



RESTAURANT & BAR VIEW



RESTAURANT & BAR VIEW



RESTAURANT VIEW



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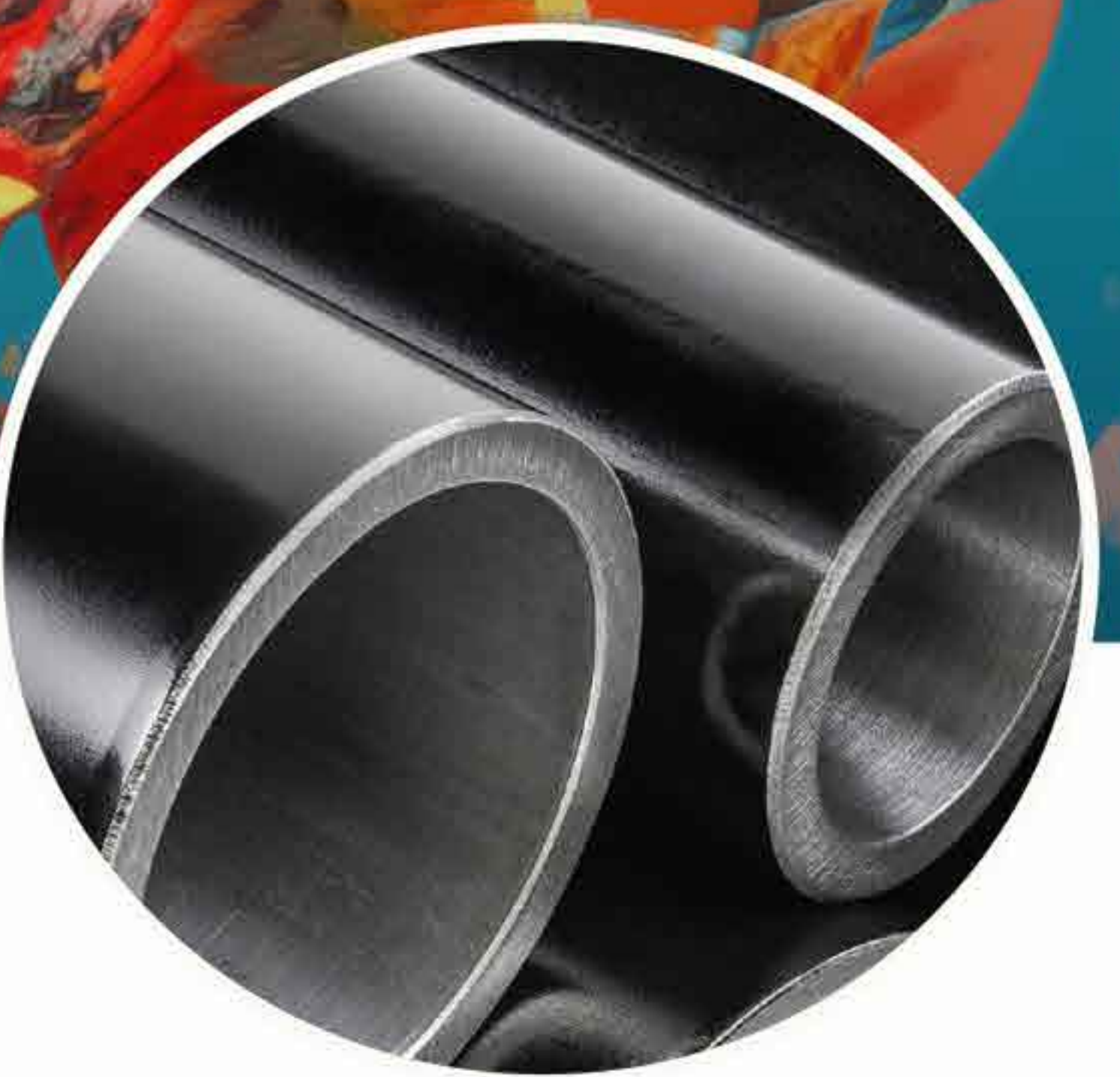
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# Best African Appraoch - F38

F38

## IBI ASOPOMORA

AN AFROCENTRIC RESORT FOR YORUBA TRIBE (SOUTH WESTERN NIGERIA)

### INTRODUCTION

Africa is evolving, undergoing rapid transformation, and resorts offer a unique opportunity to reflect and celebrate our culture.

We live in a world where human connection is slowly being lost, being replaced with phones and devices, our jobs taking over our time. We just can't keep the noise out. Thus, the concept

**IBI ASOKPO MORA (A Place of Connection)**

The resort is a sanctuary that connects the past and the present, People with deities, nature and themselves. Where culture and technology dance in harmony.

Nestled in the heart of Ekiti, this African resort stands as a living tapestry, weaving together the indigenous essence of West African heritage with the threads of modernity. It is a space that not only showcases the vibrant Yoruba culture to the world but also serves as a mirror, reflecting back to its people the timeless beauty of their roots.

With a capacity to host 200 guests and 50 residents, the resort offers an immersive experience – a journey where tradition and innovation meet, where the pulse of the ancestors reverberates alongside the rhythm of the contemporary world. It is a place where visitors can rediscover the soul of the land while embracing the future.

### THE YORUBA PEOPLE



The architecture of the ancient Yoruba was a communal endeavour having a sophisticated system of governance, traditionally led by kings known as "Obas." Religion plays a central role in their society, with a belief system centered around deities called "Orishas."



Yoruba architecture showcases intricate wood carvings, symbolic motifs, and communal spaces (courtyards) that reflect their spiritual beliefs and cultural heritage. Their vibrant lifestyle is characterized by strong community bonds, colorful festivals, and a



### CULTURE & LIFESTYLE

The Yoruba people have a vibrant culture centered around communal living (courtyard), with strong family bonds and respect for elders. Their lifestyle is marked by colorful festivals, music, dance, and storytelling, celebrating ancestral heritage and spiritual beliefs, while traditional attire and rich social gatherings reflect their deep sense of identity and pride.



### AESTHETICS & FORM

1. Yoruba divination tray & Calabash
2. Yoruba patterns & motifs
3. Yoruba fabrics (aso-oke & adire)



### SPIRITUALITY AND PHILOSOPHY

1. Sculpted post used as a means of story telling
2. Opon ifa (divination tray) used to commune with gods & ancestors
3. Houses are built to support their social & religious life

### MATERIALS & SUSTAINABILITY

1. Earth & stones
2. Bamboo & termite resistant trees

### PROCESS & COST

### PROBLEMS FACED BY RESORTS AND ITS SOLUTION

Resorts often face challenges like high Labor costs, security concerns, economic downturns, seasonality, maintenance issues, marketing struggles, and environmental sustainability. In response, Ibi Asokpomora integrates thoughtful design solutions:



### MARKETING & VISIBILITY:

The resort is positioned on the Ekiti hills, making it visible from various parts of the city, enhancing its visibility and appeal.



### MAINTENANCE & SUSTAINABILITY:

The use of natural, low-cost materials reduces maintenance demands. Smart sensors are employed to monitor the health of structures, providing timely updates on maintenance needs.



### ECONOMIC RECESSION & SEASONALITY:

The resort features diversified revenue streams, including recycling plants, waste management systems, and workshops, reducing reliance on traditional tourism revenue and insulating the resort from economic fluctuations.

### DESIGN CONSIDERATIONS

1. Aesthetics: Blending traditional and modern Afro-futuristic design.
2. Sustainability: Using low-cost natural materials and eco-friendly systems.
3. Access: Designed for ease of movement and accessibility.
4. Sensory Experience: Immersive cultural elements through textures, sounds, and visuals.
5. Cost: Focus on cost-efficient construction and maintenance.

### OBJECTIVES

1. Attract tourists.
2. Represent Yoruba culture authentically.
3. Promote sustainability and community benefits.



# Best African Appraoch - F38



**IBI ASOPOMORA**



**VISUALIZATION**



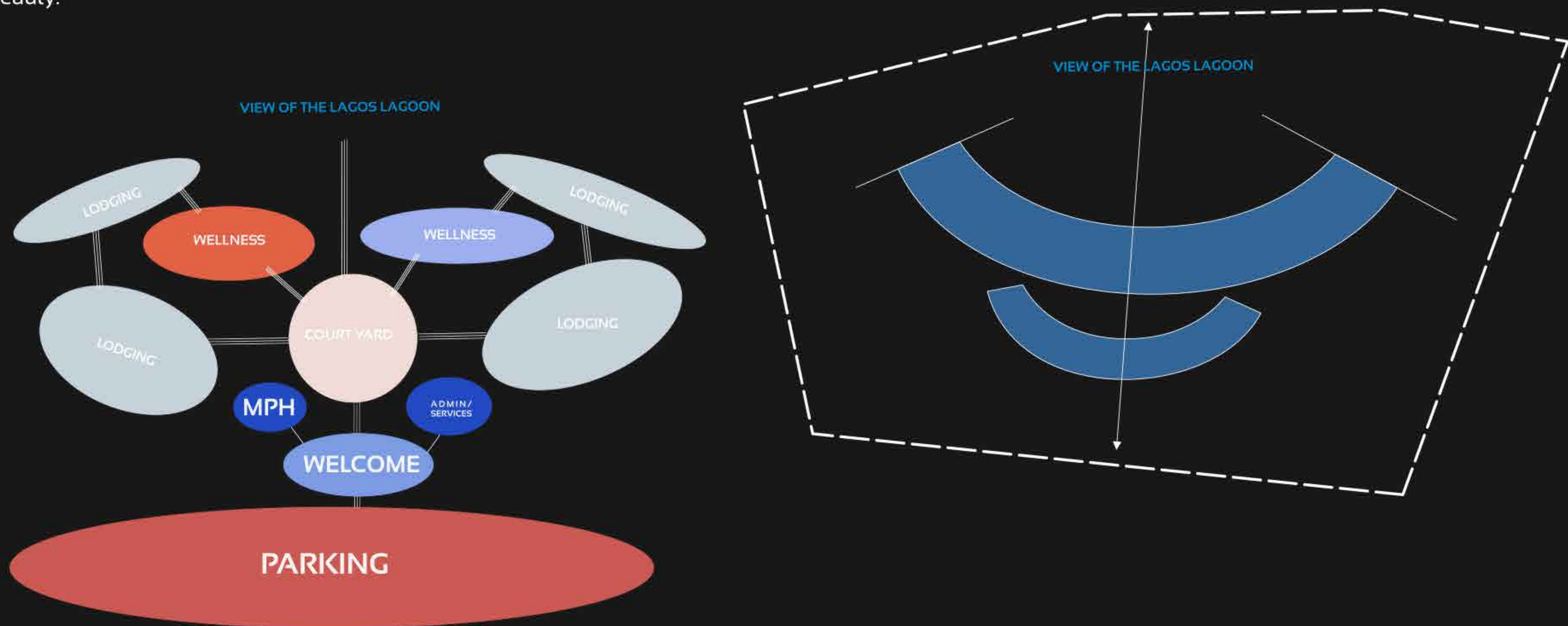
# Top 10 finalist - F55



In the vibrant city of Lagos, where rapid progress often overshadows history, "The Echoes of Epe - The Legacy Lagoon" offers a unique retreat that honors heritage. This resort concept merges past and present, inviting guests to experience Epe's rich legacy in every moment. By immersing visitors in the tales of figures like King Kosoko and Uraka, the Legacy Lagoon fosters a deep connection to the land's history and its future. Here, luxury goes beyond comfort, it embodies reflection, connection, and an enduring journey through Epe's timeless spirit.



In developing the site plan, I was inspired by the concept of the "Echoes of Epe" the idea of history, culture, and nature reverberating throughout the landscape. To visually represent this, I turned to how sound is often depicted graphically: through semi-circles symbolizing sound waves or frequencies. These semi-circular forms became the foundation of the site's layout, with each curve representing the cultural resonance of Epe's past, from its legends to its natural beauty.



#### Welcome Area

- Arrival pavillion
- Restaurant
- Boutique
- Bar
- Meeting room
- Gathering square
- Clinic
- Multi purpose Hall

#### Wellness

- Yoga Pavillion
- Amen spa
- Main swimming pool
- Sauna room
- Store
- Gym

#### Administration

- Managers Cabin
- Accounts & Admin
- Record room
- Meeting room
- Store
- Office

#### Services

- Laundry
- Kitchen
- Security
- Changing room
- Staff Quarters
- Staff Cafeteria
- Storage

#### Court Yard

- Games area
- Party Hall

#### Lodging

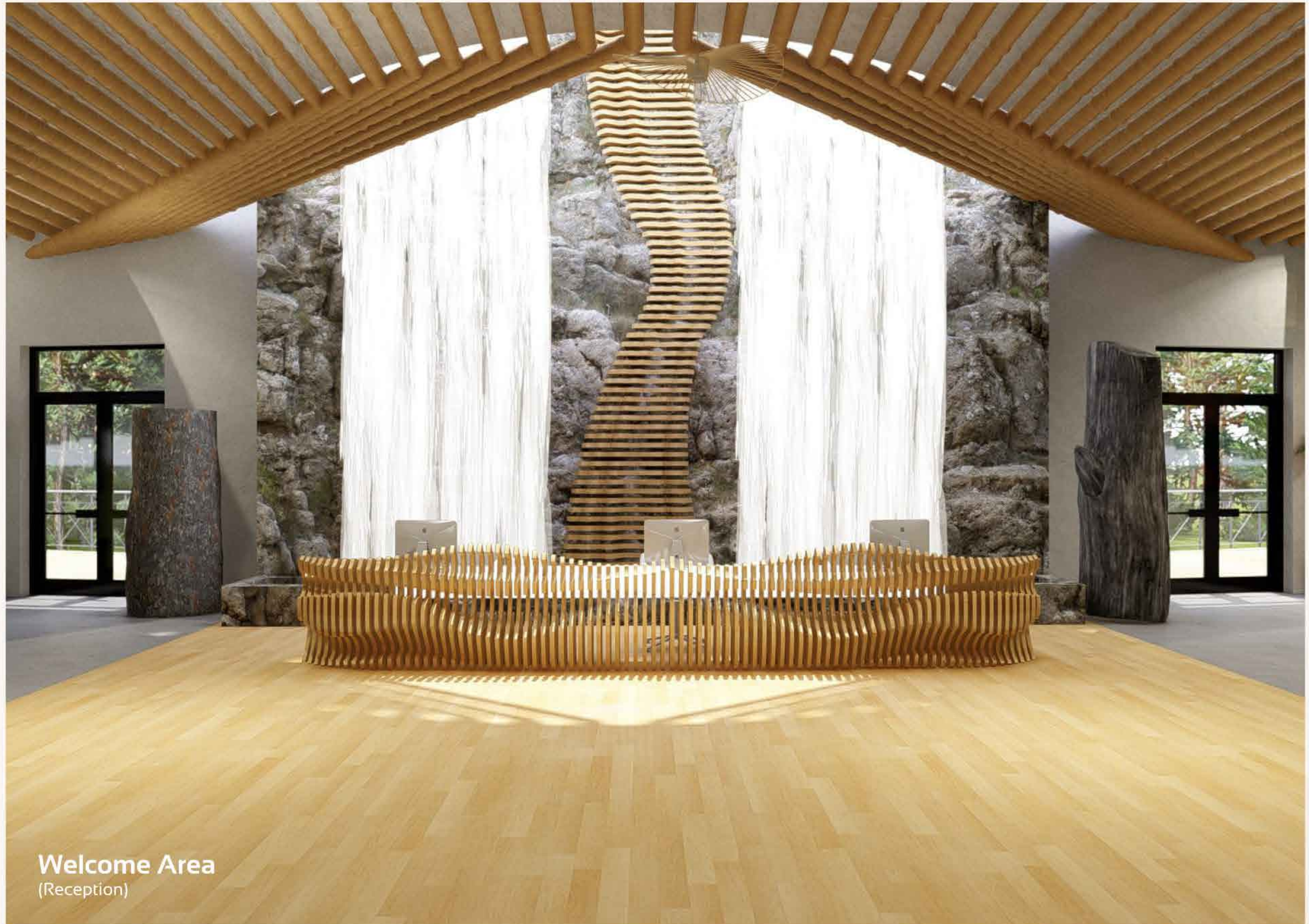
- 1-Bedroom Chalet - 32
- 1-Bedroom Rotunda - 11
- 2-Bedroom Villa - 7



**KEHINDE KOLADE**



# Top 10 finalist - F55



THANK YOU!

# Top 10 finalist - FG 010

## LAPIS LAZULI RESORT

A CULTURAL OASIS IN ABUJA

LOCATION : Jabi, Abuja, Nigeria  
SIZE : 2 hectares

Set against the stunning backdrop of Jabi Lake in Abuja, Nigeria's Federal Capital Territory, located in the heart of the country, the North Central region. The choice of this site offers a unique blend of natural beauty, cultural diversity and significance, providing the ideal location for a resort that seamlessly integrates modernity with local traditions.

### The North Central Region of Nigeria

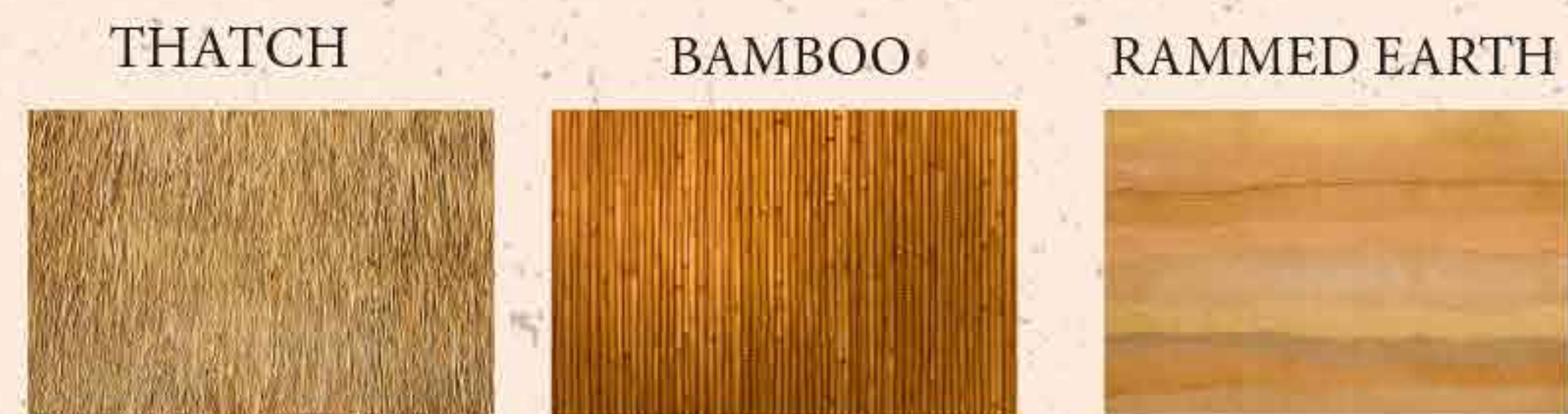
The North Central region is a diverse area characterized by its unique blend of cultures, landscapes, and history. The region is home to a variety of ethnic groups, each contributing to its rich cultural mosaic. The North Central area has also become a hub of tourism, offering natural attractions, historical sites, and cultural festivals that draw visitors from around the world.

### Gbagyi People and Culture

The Gbagyi are an ethnic group found predominantly in Central Nigeria with an estimated population of 12 million spread. They live in the Niger, the Federal Capital Territory - Abuja, and Kaduna State. Gbagyi/Gbari is one of the most populated ethnic groups in the middle belt and indigenous in the F.C.T, Nigeria. The Gbagyi people were also well known for their visual art most especially pottery. Other arts practised by the Gwari people are sculpture, iron smelting, domestic craft and smelting.

THERE IS NO FUTURE WITHOUT  
HONORING THE PAST AND SHAPING  
THE PRESENT

The lake offers a unique and tranquil experience that enhances its overall experience of the resort

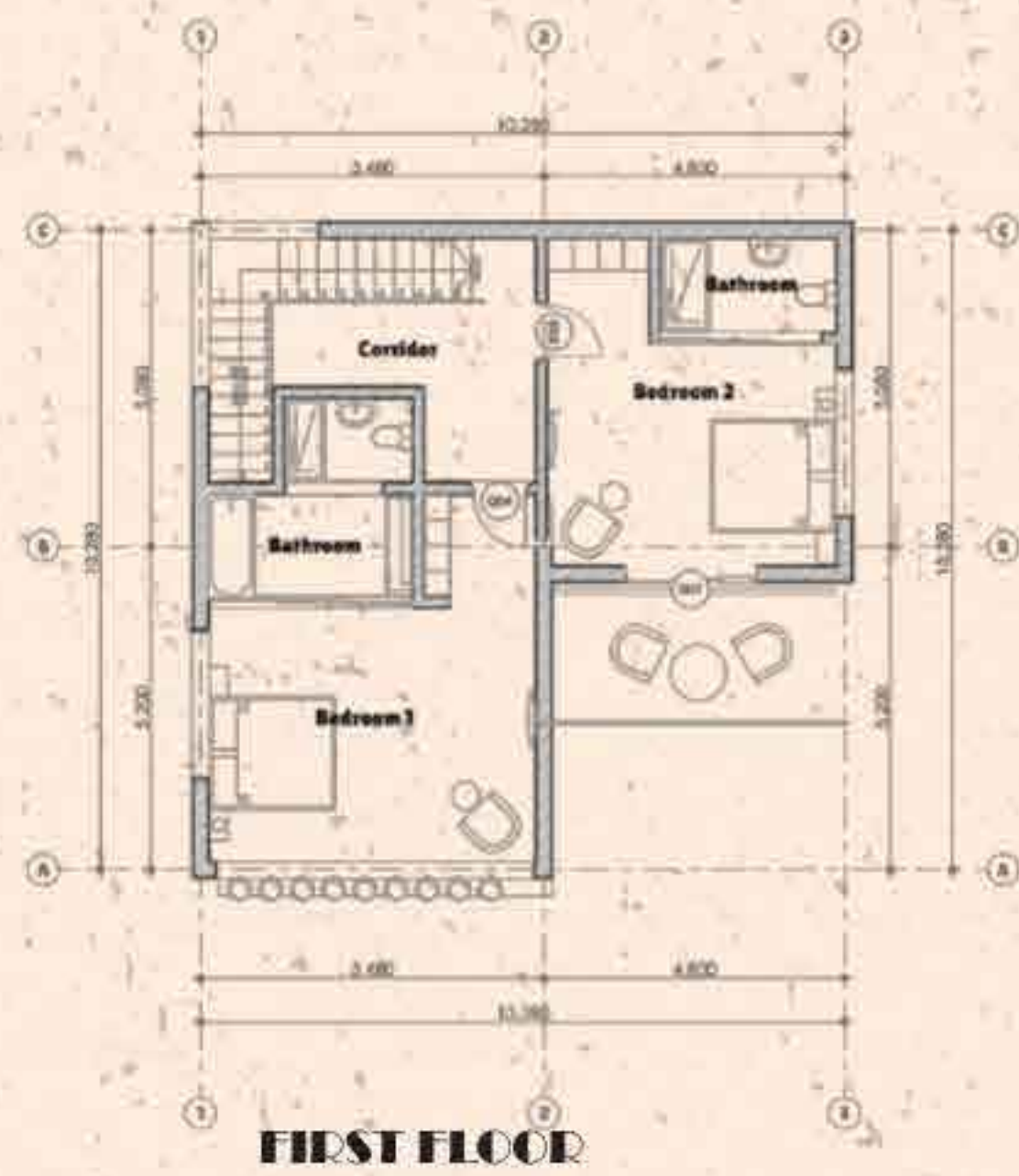
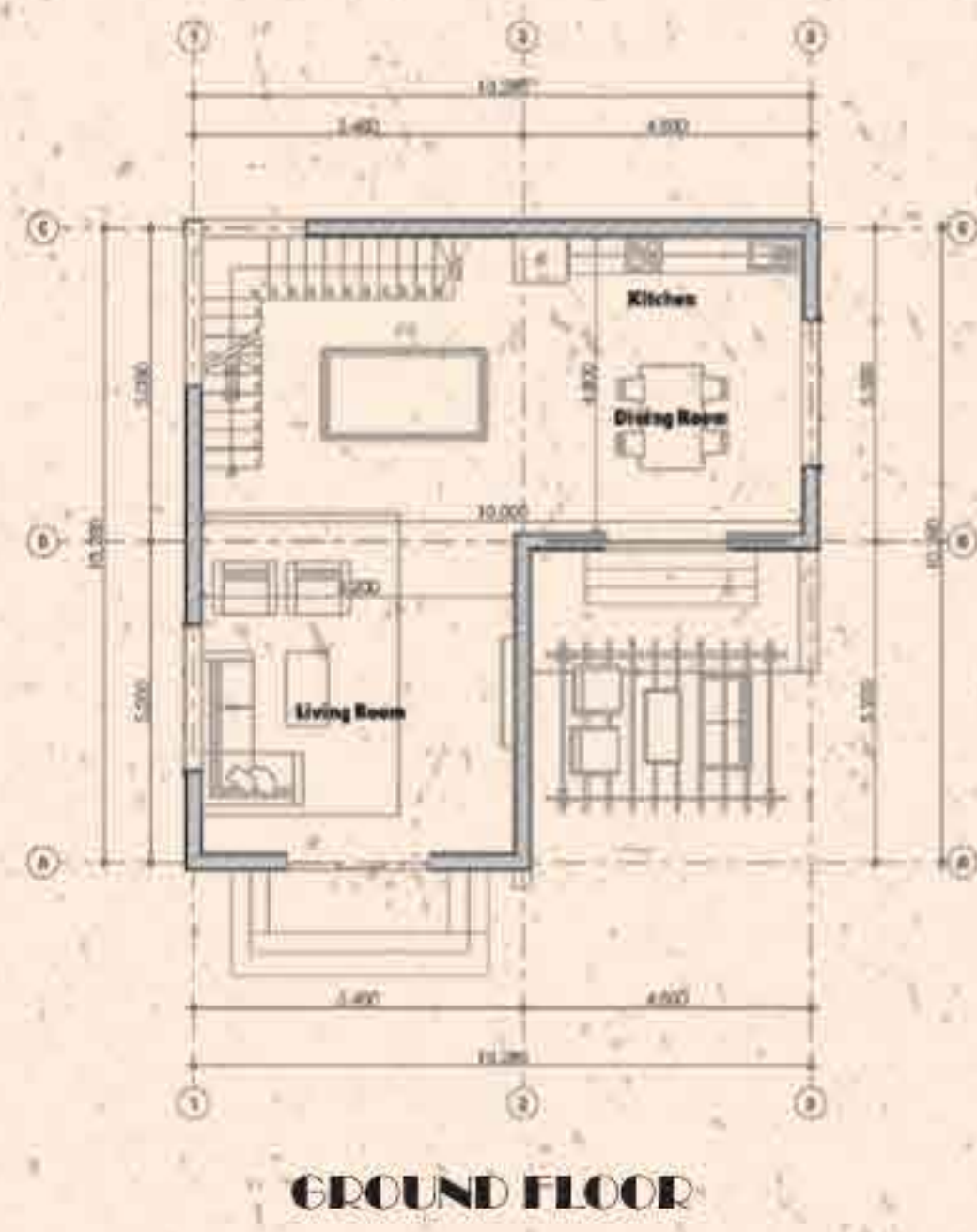


## SITE ANALYSIS



# Top 10 finalist - FG 010

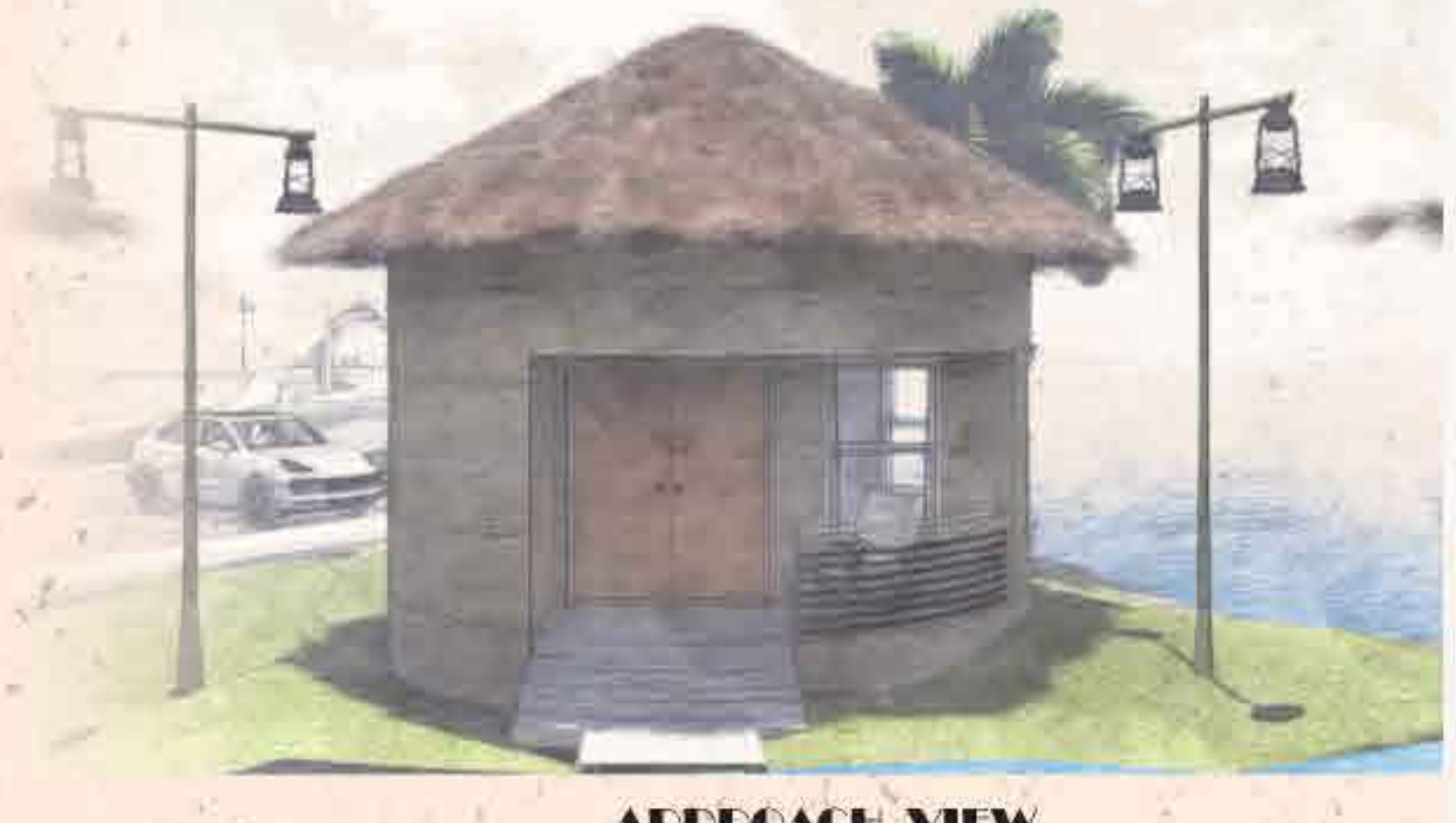
## LAPIS LAZULI RESORT



The Villas offer a bigger accommodation than the ponies. It includes a 2 bedrooms, a kitchenette, Dining and a Living room. Made with recycled plastic bricks, and finished with precise pre cast cement fiber material. The interior has cutting-edge technology and smart systems that offer a seamless, futuristic guest experience. These aspects are not only visually striking but also functional, reflecting the modern comforts we envision for the future. This luxurious retreat blends contemporary design with cutting-edge amenities, creating an unforgettable experience for discerning travelers.

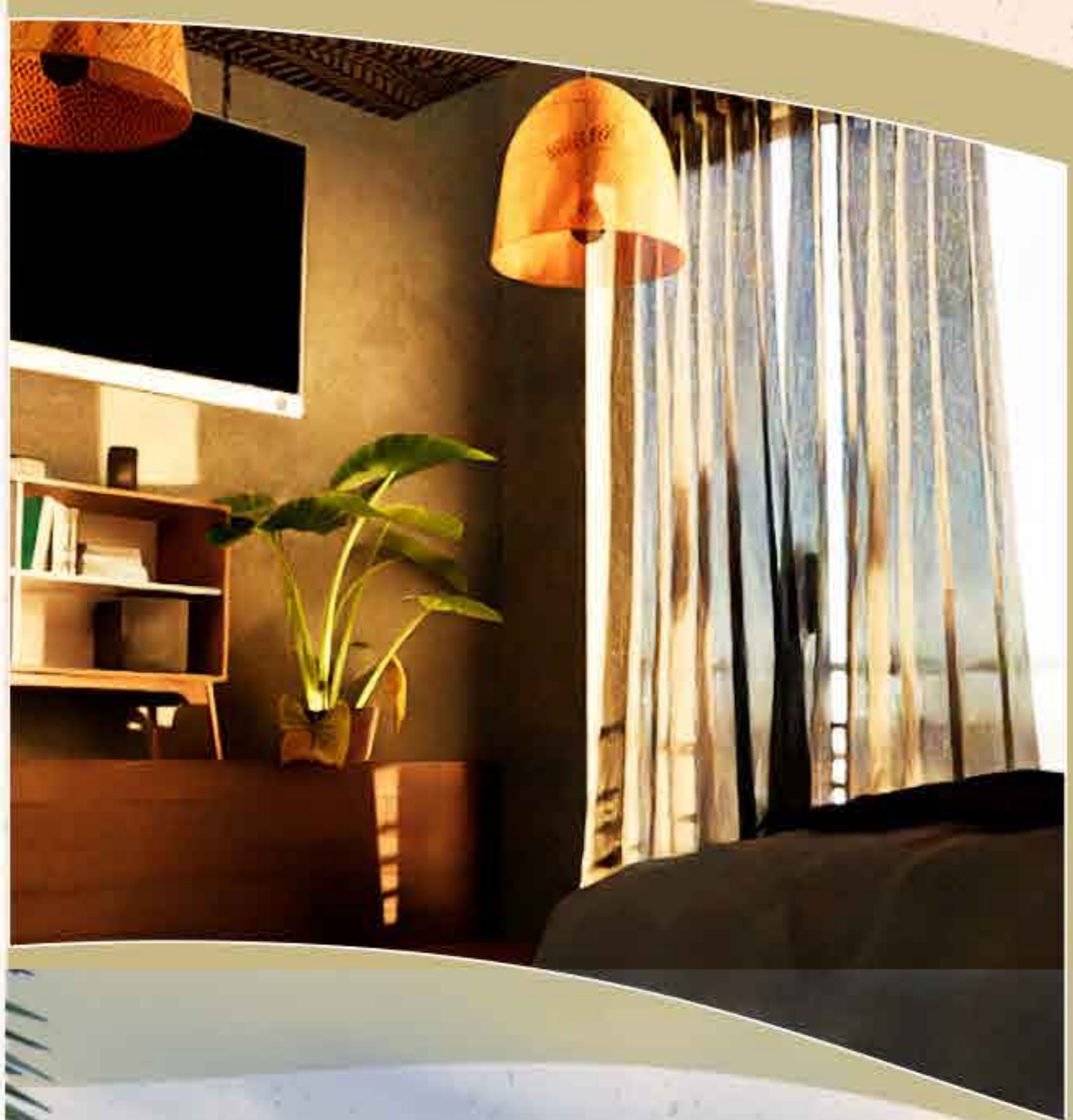
## ACCOMMODATION

- . Ponies
- . Villas

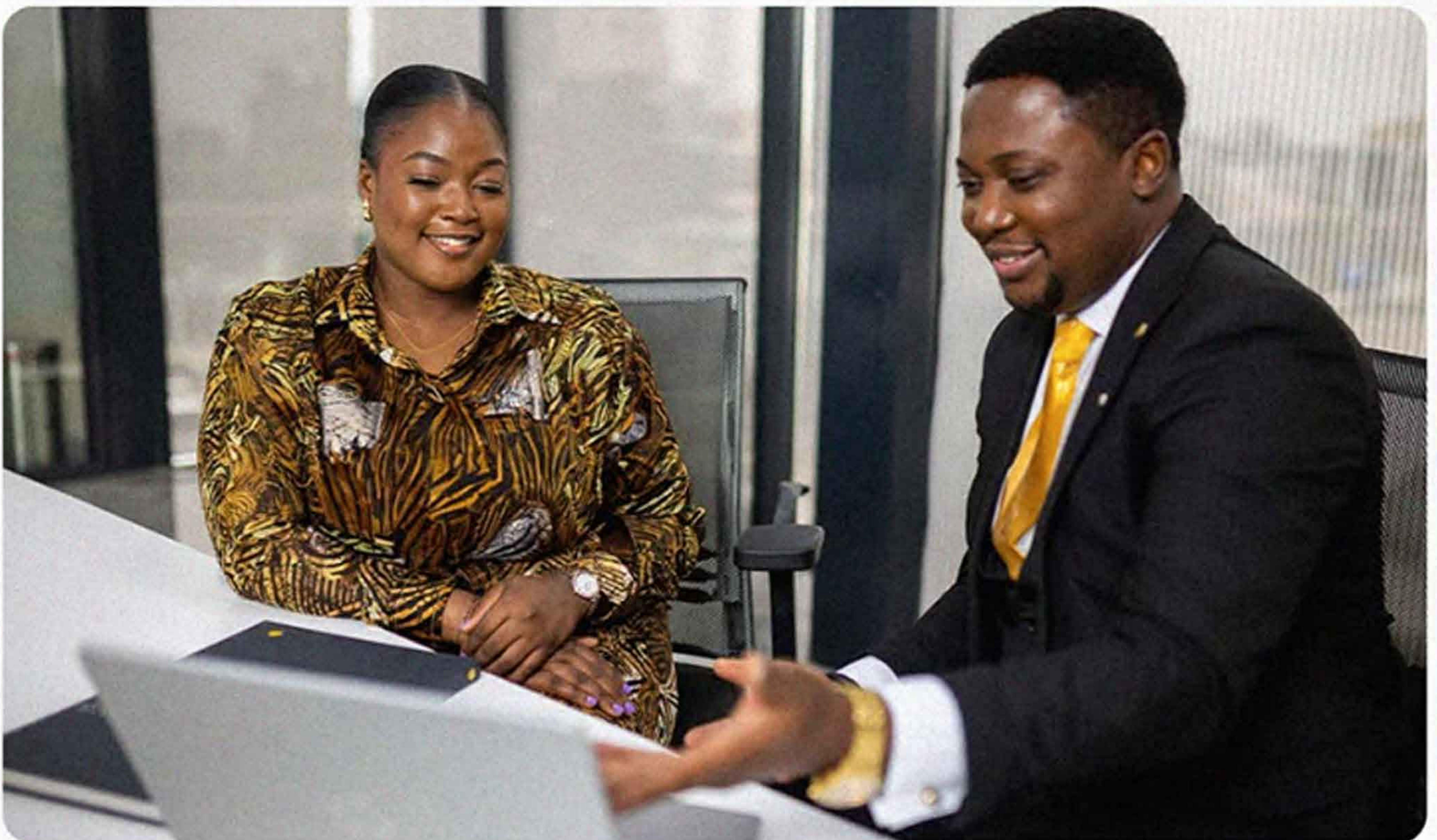


A lakeview pony, a picturesque retreat nestled amidst the tranquil embrace of nature. Overlooking a serene lake, this idyllic haven offers breathtaking vistas and a serene ambiance, inviting guests to unwind and soak in the beauty of their surroundings.

The ponies characterised with rammed and a thatch roof gives the façade a sense of culture. Giving the option to spend the night on the Jabi Lake, the pony offers a modern futuristic bedroom, walk in closet, an elegant sleek toilet and a sitout. The furnitures, hand crafted by the local artisan of the Gbagyi people.



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# Top 10 finalist - FG042

## GURARA FALLS RESORT

BLENDING ANCESTRAL ROOTS WITH CONTEMPORARY ELEGANCE



**Futuropolis**<sup>20</sup><sub>44</sub>  
RESORT AFRICANA

PRESENTED BY: FEDERAL UNIVERSITY OF TECHNOLOGY MINNA, NIGER STATE

TEAM TAG:  
FG042

OMAJI ECHEFUNACHI TEOPHILUS[FG042-B]  
&  
AMINA OZOHU MOHAMMED[FG042-A]



### SITE LOCATION & ANALYSIS

#### ABOUT GURARA WATER FALL

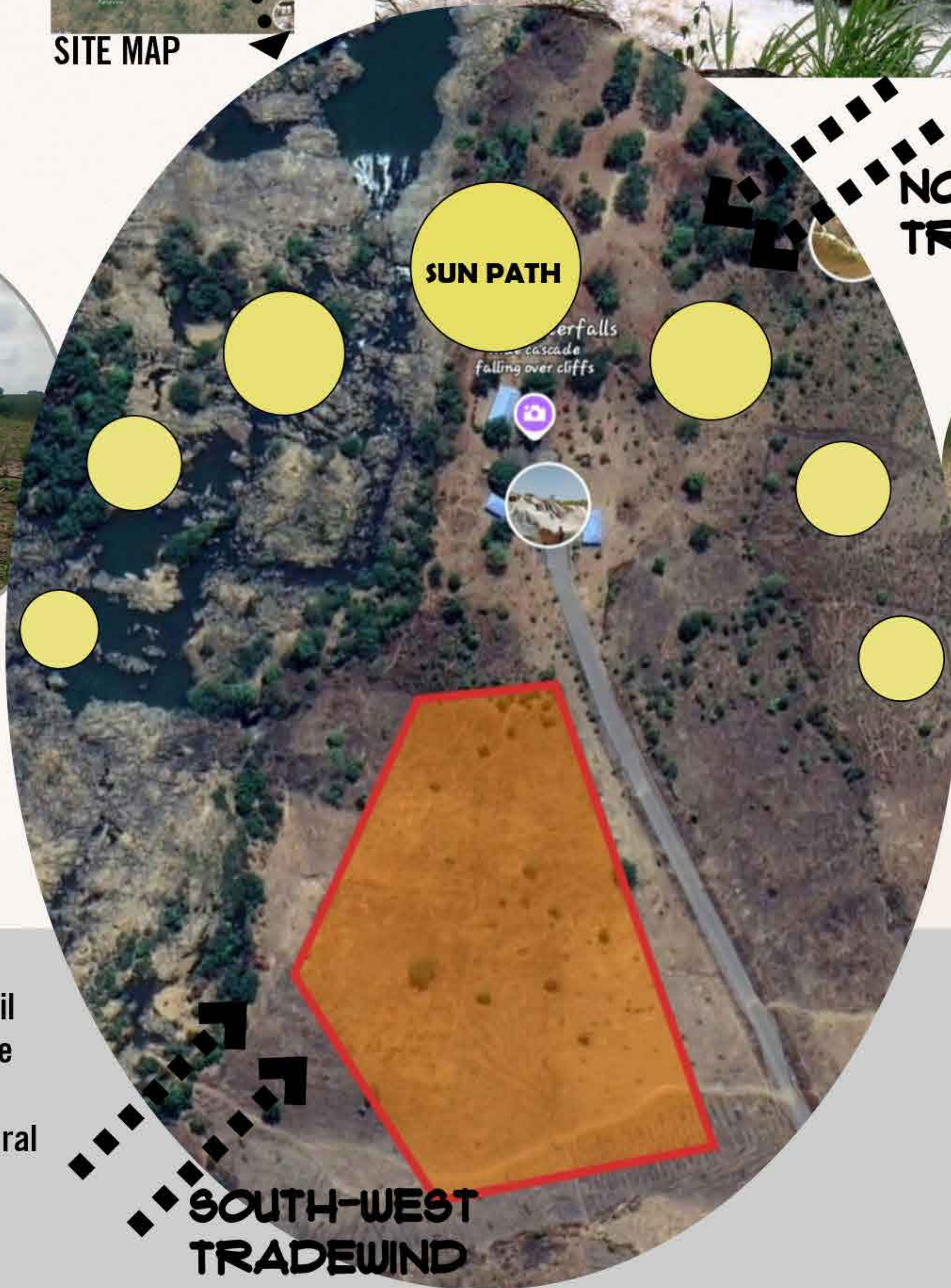
**GURARA** waterfall located in Gurara local government, Niger State, it's a 30meter high waterfall from natural ground level. Sourced from a location called **KACHIA** in Kaduna unto river Benue. Discovered by a local hunter in 1745 and worshipped by the community citizens. The waterfall was named after two historical deities called **GURA** and **RARA**.



GURARA LGA



SITE MAP



NORTH-EAST  
TRADEWIND

SUN PATH



#### ABOUT THE SITE

The site has an undulating topography with the presence of few trees, due to farmland deforestation. Moreover, the soil is fertile and thereby gives room for rapid growth of natural plant and trees.

#### JUSTIFICATION

The breathtaking waterfall and tranquil surrounding inspired our choice of site selection, harnessing local material we'll craft a harmonious blend of natural beauty and traditional essence

#### ACCESSIBILITY

The site is accessed by a single road which is a tributary of the Minna-Suleja road



#### AQUATIC LIFE

The Gurara river, houses about 48 different species of fishes.



#### ROCKS

Sparsely distributed around the site are rocks and stones, advantageous during construction



#### EXISTING STRUCTURE

Existing buildings close to site are a mosque and two tourist building



# Top 10 finalist - FG042

## GURARA FALLS RESORT

BLENDING ANCESTRAL ROOTS WITH CONTEMPORARY ELEGANCE



**Futuropolis 2024**  
RESORT AFRICANA

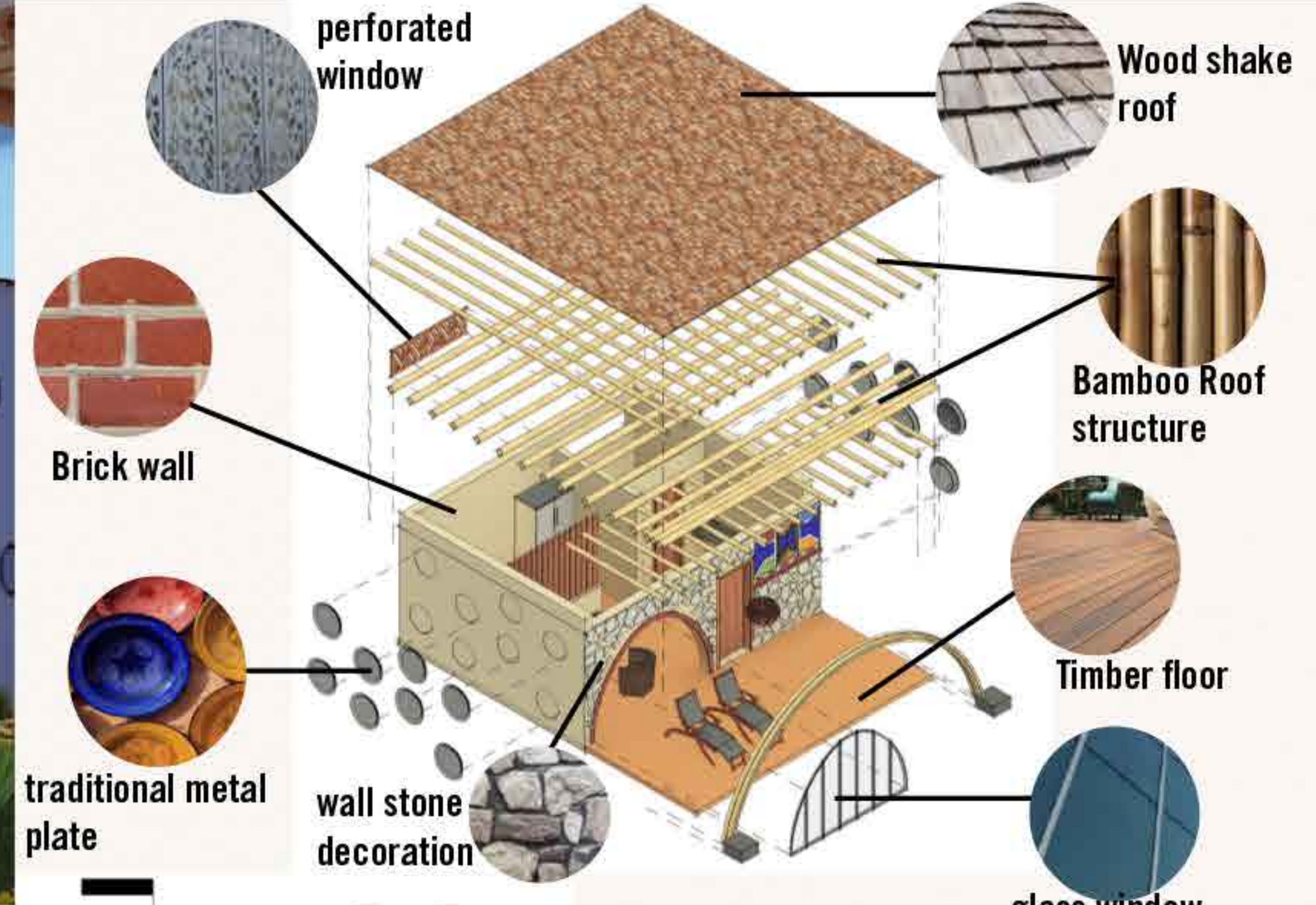
PRESENTED BY: FEDERAL UNIVERSITY OF TECHNOLOGY MINNA, NIGER STATE

TEAM TAG:  
**FG042**

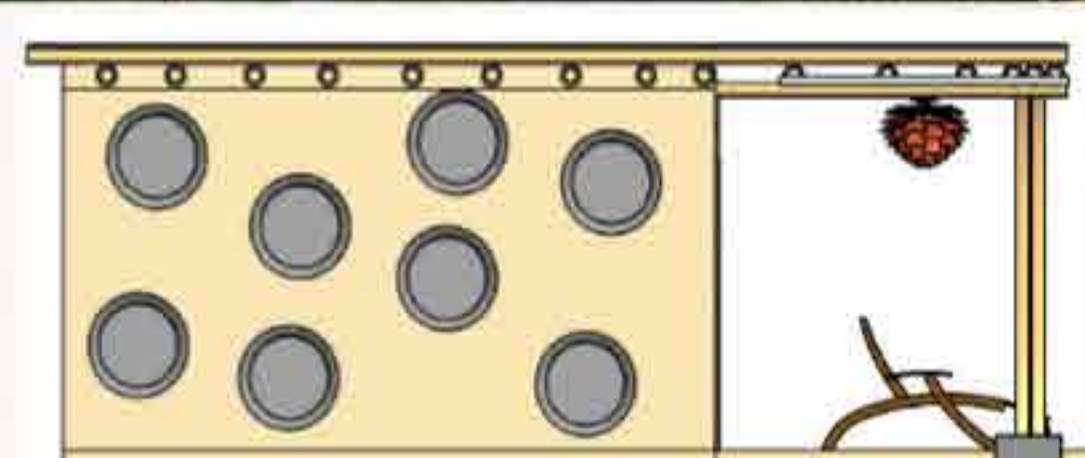
OMAJI ECHEFUNACHI TEOPHILUS[FG042-B]  
&  
AMINA OZOHU MOHAMMED[FG042-A]

### COTTAGES

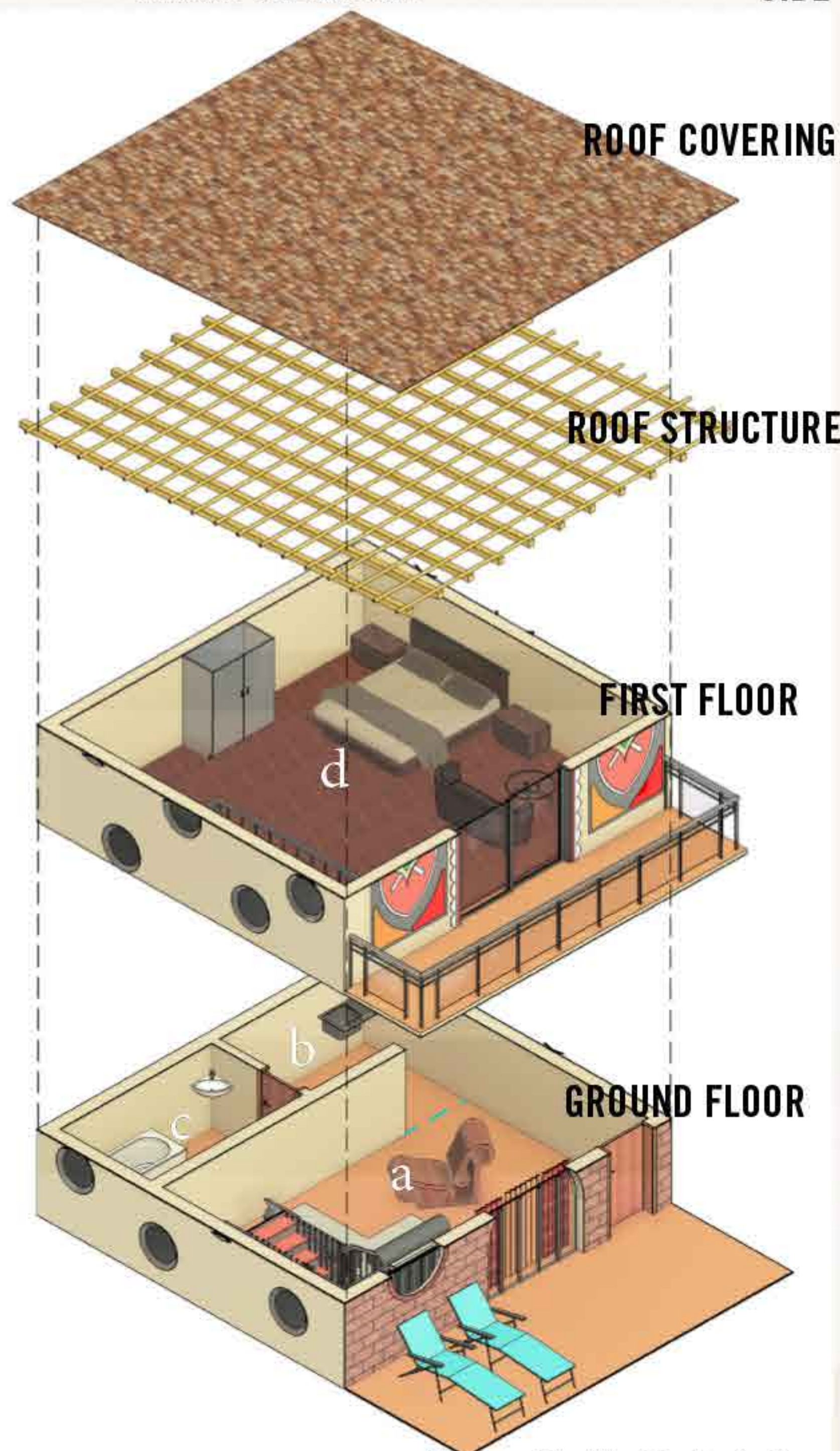
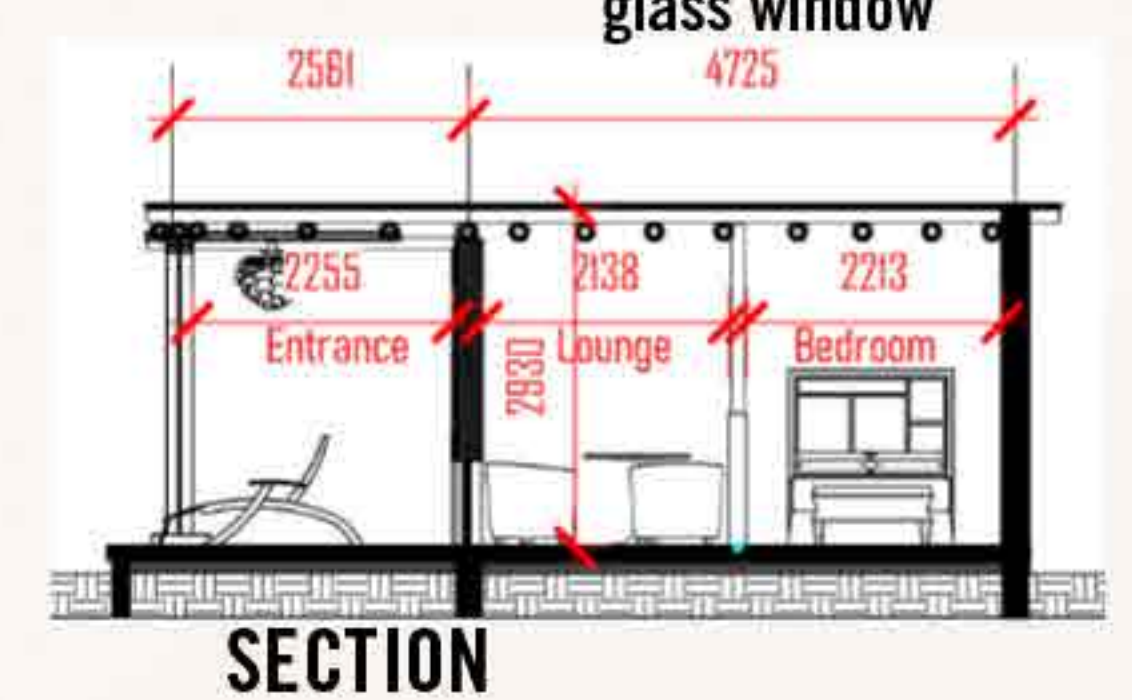
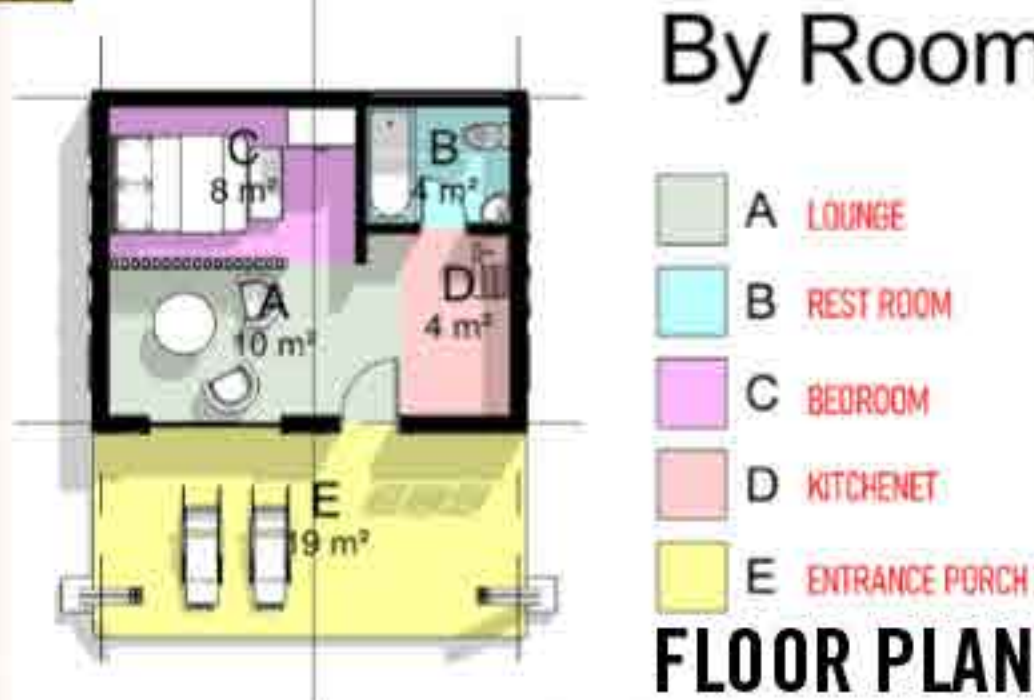
Inspired specifically by the Nupe ancestral homes, the resort cottage combines natural materials, modern amenities, traditional artistry, local craftsmanship and a timeless cultural essence



FRONT ELEVATION



SIDE ELEVATION



a-Lounge c-Convenience  
b-Kitchenet d-Bedroom

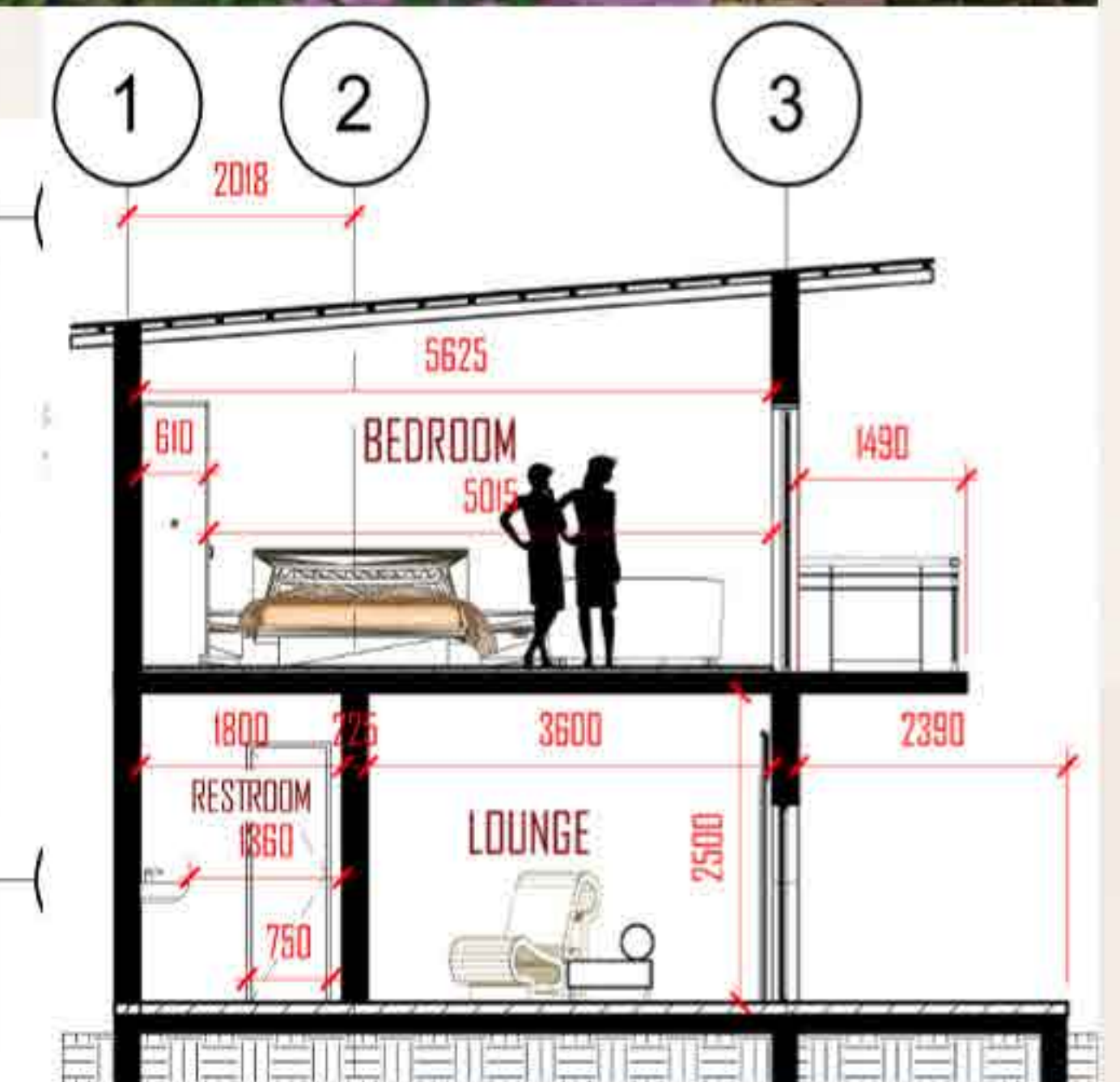
The materials utilized for the double floor cottage are same to that used to construct the single floor cottages which include: bricks, traditional metal plate, bamboo glass for windows and doors etc.



GROUND FLOOR



FIRST FLOOR



SECTION



# Top 10 finalist - FG038

## ỌŞÍBÀTÀ

EXPLORING BADAGRY'S HISTORICAL AND CULTURAL HERITAGE ON A FLOATING EXPERIENCE

A UNIQUE RESORT GOES BEYOND PROVIDING ACCOMODATION FOR TOURISTS. PROJECT ỌŞÍBÀTÀ BLENDS CONTEMPORARY STYLE AND CULTURAL AUTHENTICITY TO GENERATE JOB OPPORTUNITIES, INSTILL PRIDE IN BADAGRY'S HISTORICAL AND CULTURAL HERITAGE WHILST ADAPTING TO WATER THREAT LEVEL IN LAGOS NIGERIA USING LOCAL MATERIALS AND INNOVATIVE DESIGN PROCESSES. (NANA ARCHITECTURE AND FLOATING ARCHITECTURE)

ULTIMATELY, THE PROJECT'S GOAL IS TO PROVIDE SOLUTION TO THE COMPLEX CHALLENGES FACED BY TOURIST EXPERIENCE IN BADAGRY AND PAVE WAY TOWARDS A MORE SUSTAINABLE AND PROSPEROUS FUTURE FOR BADAGRY AND LAGOS STATE AT LARGE.

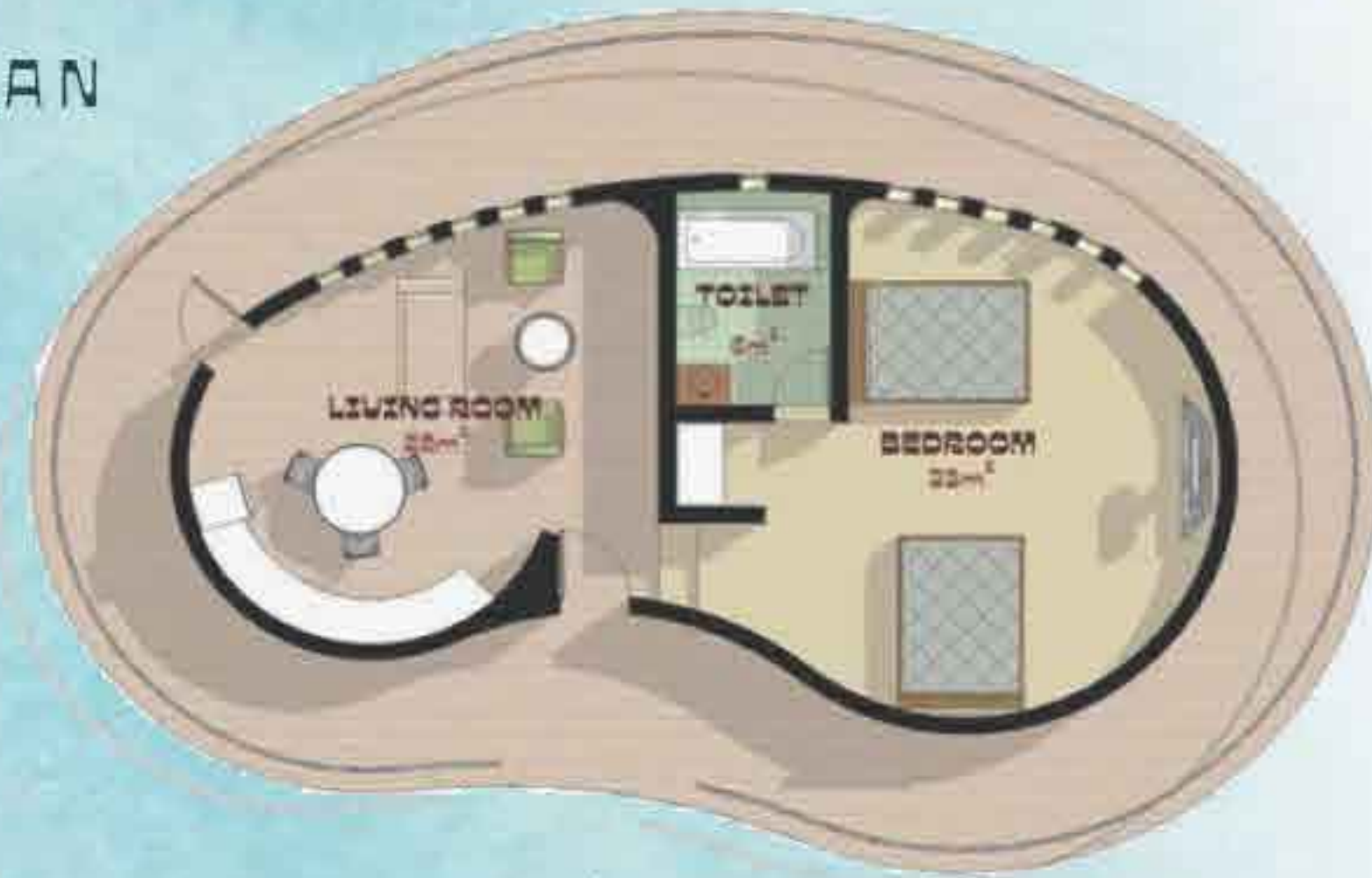


# Top 10 finalist - FG038

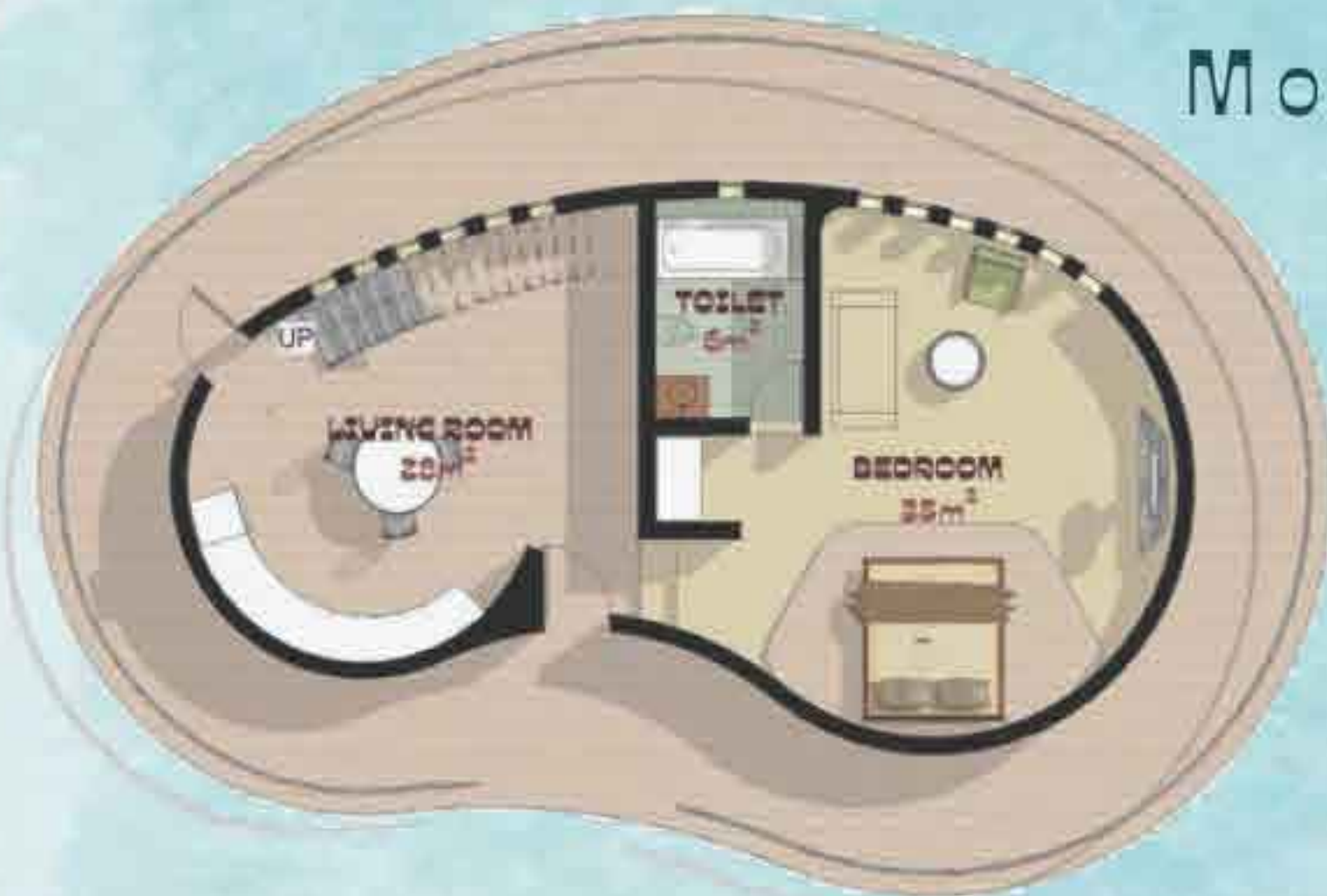
## FLOATING CHALET



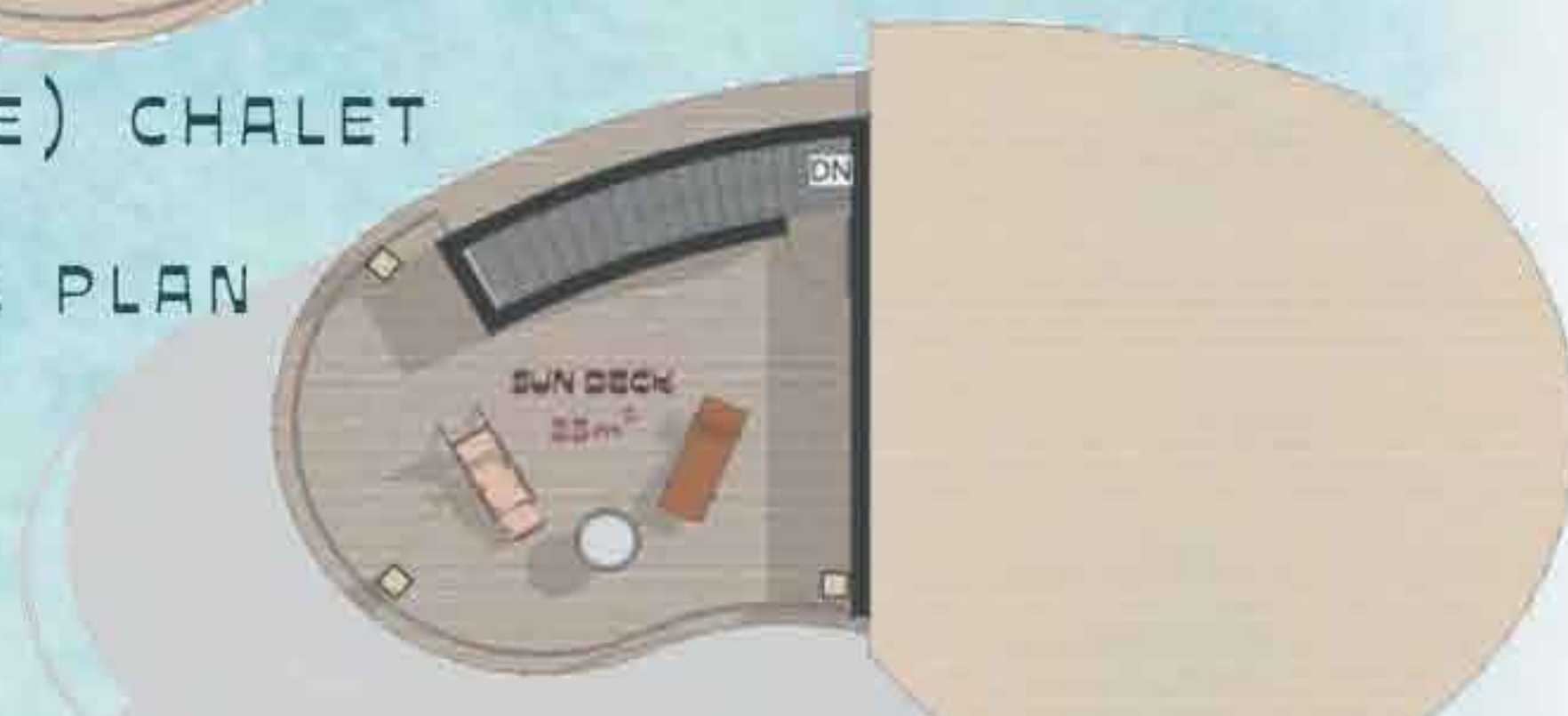
OLÚBÍ (STANDARD) CHALET  
FLOOR PLAN



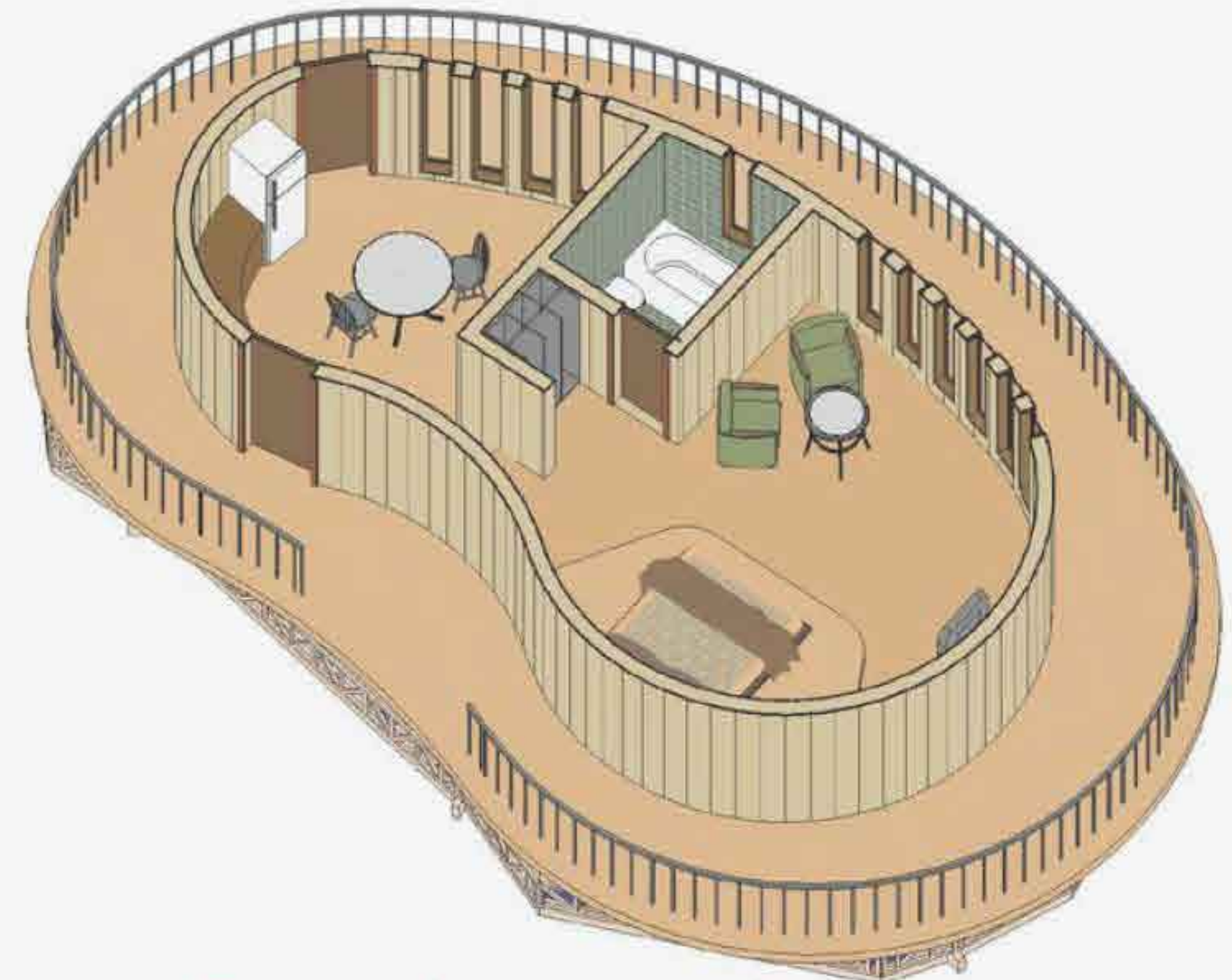
MOLÉBÍ (FAMILY) CHALET  
FLOOR PLAN



OLÓYÈ (EXECUTIVE) CHALET  
GROUND FLOOR PLAN



OLÓYÈ (EXECUTIVE) CHALET  
FIRST FLOOR PLAN



OLÚBÍ (STANDARD) CHALET  
3D SECTION



OLÓYÈ (EXECUTIVE) CHALET  
3D SECTION



# Top 10 finalist - FG044

## FUTUROPOLIS 2044 RESORT AFRICANA - PROPOSED MINI RESORT

AT IBESHE, AMUWO ODOFIN, LAGOS STATE, NIGERIA.

The task is to conceive a modern mini-resort that seamlessly integrates elements of African art and architecture while harnessing advanced versions of locally sourced materials indigenous to your chosen geopolitical zone, while infusing the design with the essence of the region, paying homage to its history, traditions, and values. Your design should provide a harmonious blend of contemporary aesthetics and cultural authenticity, offering visitors a truly immersive experience.

Resort is to be designed on two hectares of land and location (in Nigeria) is to be determined by contestants geo political zones chosen in registration. Design must be well incorporated with surrounding environment and create oneness, comfort and culture. Resort accommodation should be able to house a maximum of 50 guests and harbour 200 visitors per day. Construction budget should be within 300-400 million Naira budget.

### SELECTED GEOPOLITICAL ZONE

The South-West geopolitical zone of Nigeria has six state which includes the states of LAGOS, OGUN, OYO, ONDO, EKITI, and OSUN state.

The South-West geopolitical zone of Nigeria uses a variety of building materials, including:

**Earth architecture:** A long-standing tradition in the South-West, earth architecture includes layered, rammed, wood-framed, adobe, and wattle earth-walls.

**Local building materials:** These include stone, timber, laterite, clay and mud, bamboo, leaves and barks of trees, palm kernel shells, wild coconut trees, animal wastes, and dung.

**Mud and clay:** These are abundant natural resources in Nigeria, especially in the South.

**Timber:** Mostly from palm trunks.

**Palm/coconut/grass thatch and straw bales:** Used for roofing.



### PROJECT BRIEF

According to the brief the Resort is a luxury facility that is intended primarily for vacationers and is usually located near special attractions, such as beaches and seashores, scenic or historic areas, ski parks, or spas.

The Resort is a self-contained commercial establishment that tries to provide most of a vacationer's wants, such as food, drink, swimming, accommodation, sports, entertainment and shopping, on the premises. Bathed in nature, the resort is a green oasis to lure visitors to a gateway of relaxation and entertainment, with a focus on athletics, the atmosphere should be engaging, exciting, and conducive for relaxing, leisure, and social interaction.

**PROJECT DEFINITION:** A resort is a self-contained commercial establishment or town that offers a variety of services and amenities for vacationers.

- **Services and Amenities:** Resorts offer food, drink, lodging, swimming, sports, entertainment, and shopping. They may also have spas, pools, and gyms.
- **Location:** Resorts can be located by the beach, on an island, next to a lake, on a mountain, or in a town.
- **Ownership:** Resorts can be owned by a single company, or they can be timeshares or fractionally owned condominiums.
- **Seasonality:** Some resorts operate seasonally.
- **Wedding venue:** Resorts are often used as wedding venues and may have a wedding planner, photographer, hairdresser, and beauty salon.
- **Destination:** Resorts are more than just a place to sleep, they are a destination in themselves.

### BUILDING MATERIALS

Layered, rammed, wood-framed, adobe and wattle earth-walls, stone, timber, laterite, clay and mud, bamboo, leaves and barks of trees, palm kernel shells, wild coconut trees, animal wastes, and dung.

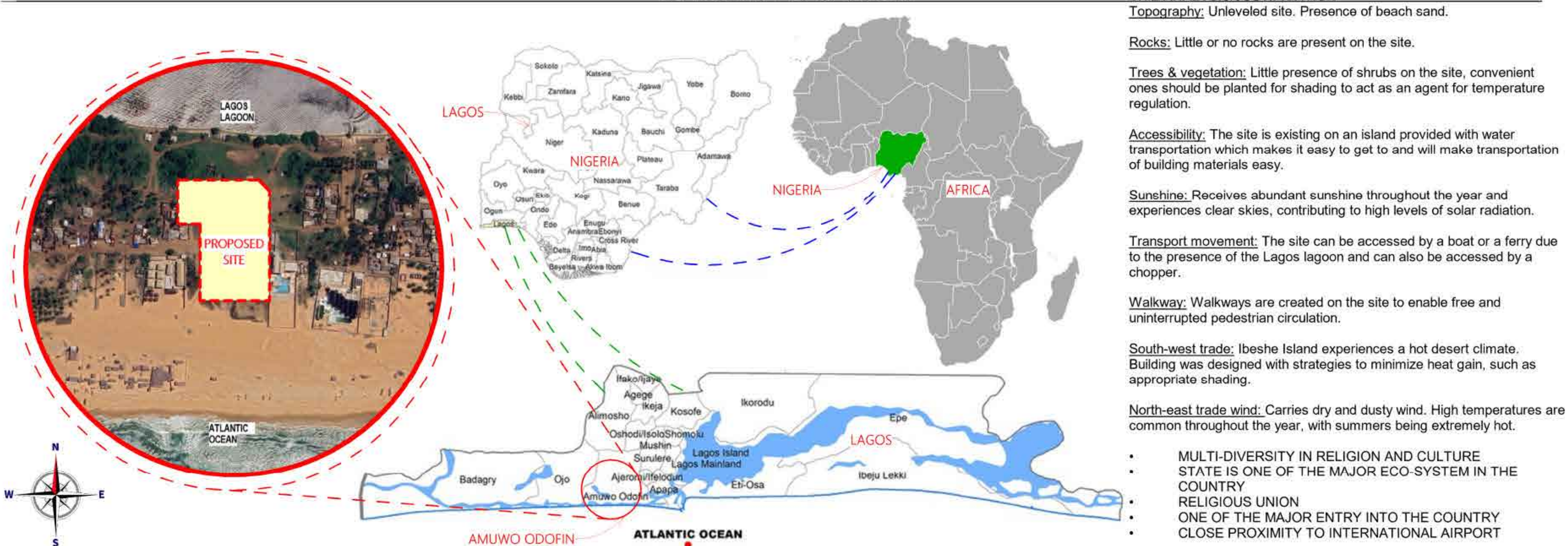
### BACKGROUND

Trees, Vegetation, Stone e.t.c.

Team: Obianke Jephthah (Lead), Kazeem Qudus



### DESIGN LOCATION



PROJECT TITLE: PROPOSED MINI RESORT AT IBESHE, AMUWO ODOFIN, LAGOS, NIGERIA.		DRAWING TITLE: BRIEF		SCHOOL : YABA COLLEGE OF TECHNOLOGY	
SHEET NO : A01	SCALE : 1 : 6500	CRITICS : STUDIO TEAM	GROUP MEMBER: OBIANKE JEPHTAH O. KAZEEM QUDUS A.	GROUP TAG: FG044	DATE: OCT, 2024

# Top 10 finalist - FG044

3D ILLUSTRATION



PROJECT TITLE: PROPOSED MINI RESORT AT IBESHE, AMUWO ODOFIN, LAGOS, NIGERIA.		DRAWING TITLE: 3D ILLUSTRATION		SCHOOL : YABA COLLEGE OF TECHNOLOGY	
SHEET NO : A06	SCALE : 1 : 1	CRITICS : STUDIO TEAM	GROUP MEMBER: OBIANKE JEPHTAH O. KAZEEM QUDUS A.	GROUP TAG: FG044	DATE: OCT, 2024

# Top 10 finalist - FG051

## INTRODUCTION

### DESIGN BRIEF

#### LOCATION

A quiet but serene location , abundant with natural materials and proximity and access to utilities

#### COMFORT & SUSTAINABLE DESIGN

Open concept spaces, cross ventilated rooms, natural lighting, spacious headroom, in addition to the simplicity of each unit's design will create an ambience of warmth and tranquil in which the target users will thrive in.



#### CULTURAL IDENTITY

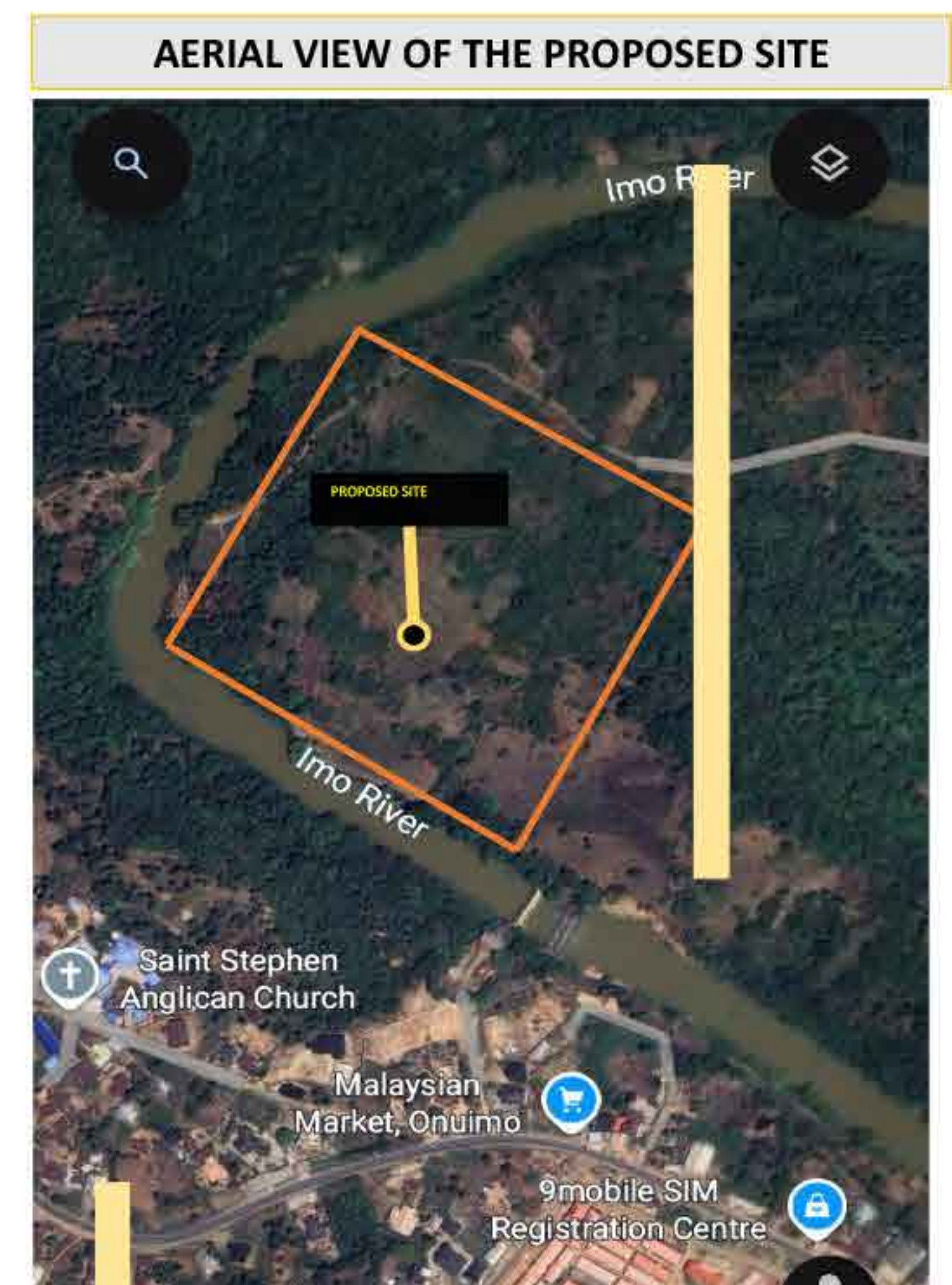
Symbolism and character are essential as it represents the locality



#### OBOWO

Obowo is a Local Government Area in Imo State, Nigeria ,with 22 autonomous community. Indigenes are known for farming and fishing, also produces palm oil, kernel and local baskets.it is located 45 minutes from Owerri and has access to the imo river and less than 30 minutes from Umuahia and Ahiara in opposite directions.

#### LOCATION



The proposed site is located opposite a market, Malaysian market. The site is surrounds 2 sides of the site.

## GEOPOLITICAL ZONE



The **IGBO** people are one of the largest ethnic groups in Nigeria, primarily located in the southeastern region. Known for their rich cultural heritage, the Igbo have a diverse tradition that includes vibrant music, dance, art, and festivals. They are predominantly farmers, traders, and artisans, with a strong emphasis on community and family values. The Igbo language, a major Niger-Congo language, is widely spoken among them. Their traditional governance includes a council of elders, and they celebrate important rituals, such as the New Yam festival, which showcases their agricultural success and cultural pride.

#### CLAY :RAMMED EARTH

This is a construction technique that uses compacted soil or earth to create walls. It is local, energy efficient and durable

#### PALM KERNEL SHELLS (PKS)

Palm kernel shells are the hard, woody, and fibrous outer coverings of the palm kernel fruit, which comes from the oil palm tree (*elaeis guineensis*)..

#### MATERIALS

##### TIMBER

This is wood processed for use in construction. This will serve as finishing material, and also as load bearing material.

# Top 10 finalist - FG051



**Futuropolis** <sup>20</sup>/<sub>44</sub>  
RESORT AFRICANA

# Honourable Mentions

Alih Hamzah (F21) - Earliest Best Ahmadu Bello University, Zaria, (Kaduna)

Chiagozie Enwonwu, Efunbolajoko Odebowale (FG013) Covenant University (Ogun), Ahmadu Bello University (Kaduna), Ladoke Akintola University (Oyo)

Raphael Opeloyemi, Oluwadamilola Oni, Jeremiah Omotayo (FG015) Covenant University (Ogun)

Bolu Adekunle, Ifeadiachi Ikemefuna, Fortune Ihewulezi, Marvel Osemenahon (FG008) Covenant University (Ogun)

David Olaniyan (F85) Federal University of Technology Akure (Ondo)

Fatima Ismail (F52) Nile University of Nigeria (Abuja)

John Adeweso (F54) Obafemi Awolowo University (Osun)

Paul Agba-Inyaka, Enimini Nkereuwem, UtibeAbasi Isong, Ifiok-Abasi Akpakpan (FG040) University of Uyo, (Akwa-Ibom)

Teslim Yusuf, Abdur-Rahmaan Mahmud, Khalilulahi Hamzat (FG012) Obafemi Awolowo University (Osun)

Emmanuel Okonkwo, Jesse Tai Olomina, Tiamiyu Oluwasegun, Simon-Peter Olugbenga (FG050) Bells University of Technology (Ogun)

Silas John (F75) Ahmadu Bello University, Zaria, (Kaduna)

Raymond Pensuk (F100) University of Jos (Jos)

Hamidah Edun (F26) University of Ilorin (Kwara)

Anne Akugbe (F70) University of Nigeria (Enugu)

Chisom Emechebe (F82) University of Nigeria (Enugu)

Tomiwa Alli (F64) University of Lagos (Lagos)

# Futuropolis 2045 Brief

Futuropolis 2045 - Project 774: Health and Sustainability "Empowering Communities Through Sustainable Design."

Futuropolis 2045 invites visionary Architects, Designers, and Innovators to reshape healthcare in Nigeria. This year's challenge is to design a hospital AND rehabilitate/remodel an existing community health center within one of the 774 Local Government Areas (LGAs) in Nigeria.

The competition aims to address health challenges with a focus on sustainability (energy efficiency, passive cooling, waste management conversion etc).

## **Who Can Compete: Any architecture student (B.Sc or M.Sc)**

1. Students 25 and under: can compete as an individual or in groups of 2-4
2. Students over 25: must compete in a team of 3, where you are the only participant over 25.

## **Brief Outline:**

You are to design a main project and a mini project, both of which are centered on health and sustainability.

- **Health Focus:** Both the hospital's specialized unit and the revamped health centre should be built for the masses, affordable, and address health issues common to the chosen LGA.

- **Sustainability Focus:** Both buildings should prioritize self-sufficiency, integrating effective systems for resource and waste management, energy efficiency, and eco-friendly design. Material selection should also be energy-efficient and environmentally conscious.

- **Main Project (Objective):** To design a general hospital with a specialized unit addressing common ailments in the chosen LGA.

- Consider essential conditions that must be maintained for when the hospital has to be run on very limited power. For example, what would be the most sustainable and innovative way to maintain good cooling, keep all hospital machines running, keep patient spaces well-lit etc, regardless of the power situation?

# Futuropolis 2045 Brief

## **Mini-Project (Objectives):**

- To choose an existing community/primary health center in your selected LGA and rehabilitate or remodel it (based on the extent of the building's degradation), AND
- To optimize the health center space to:
  - Serve as the hub for diagnostics, first aid, levels 2-5 of triage,
  - Transfer patients to the main hospital for level 1 triages and recurring ailments only, and
  - Conduct sensitization programs to educate the masses on health problems prevalent to the LGA.
- Budget: The Government has allocated 2.48 Trillion Naira of the 2025 National Budget to the Health Sector for all 774 LGAs. Based on this allocation, justify a reasonable budget for your entire project (both main and mini). How much of that should go to your chosen LGA?  
What percentage of your LGA's funding would go into infrastructure vs meeting the health needs (medication, salary for workers etc)?

## **Other Key Considerations**

- Healthcare (diagnoses, consultancies, follow-ups and insurance) must be affordable (eg ₦1,000 per person monthly). Estimate and justify the hospital cash inflow based on the population of LGA. For example, if you have a population of 1 million and 50% can afford 1000 naira per month, how would this be able to service and maintain the facility?
- You will be awarded for presentation, functionality, rationalism/justification, health focus, sustainability focus and budget. You will also receive minor points for your concept and aesthetics.
- Ensure you find a justifiable balance between aesthetics, health and sustainability in your design budget.

# Futuropolis 2045 Brief

## Submission Requirements:

- Main project: Submit a 3-4 minute video presentation (visual walkthrough with voiceover) and design PDF with all necessary details.
- Mini project: Submit a 3-minute video presentation (visual walkthrough with voice over) and design PDF with all necessary details.
- Upload all of the above to WeTransfer and share the links via the submission form provided.
- Await confirmation of receipt.

## Timeline:

- Registration: February 1st - April 30th 2025
- Seminar Week: May 1st - May 7th 2025
- Design and Submission Phase: May 8th - July 31st 2025
- Submission Deadline: July 31st 2025

## Prizes:

- Winner: 1 Million Naira
- First Runner Up: 700,000 Naira
- Second Runner Up: 400,000 Naira
- Most Sustainable Design Approach: 200,000 Naira.

## FAQs

- Q: Are we submitting two designs at the same time?
- A: Yes, your design for the main hospital project AND the mini project of revamping a primary health center must both be submitted.
  
- Q: Can I make changes to my LGA or team after I've registered?
- A: Yes. As long as registration is still open, you can change your LGA and add/remove/change team members. Send an email to [christabelle@aforaestheticsng.com](mailto:christabelle@aforaestheticsng.com) and she will walk you through the process.

# Futuropolis 2045 Brief

- Q: Is the Futuropolis event open to everyone?
- A: It is an invite-only event for professionals in the architecture, sustainability and health sectors, but it is open to participants who submit designs for the competition.

## Registration

Registration opens on February 1st, 2025 and closes April 30th, 2025 rest of it stays the same.

Please register at <http://aforaestheticsng.com/futuropolis-2045-registration/> and check your email for confirmation of registration.

■ For further inquiries, kindly reach out to us:

📞 +234 903 654 0257

✉ christabelle@aforaestheticsng.com

Thank  
you!