

# TANZANIA

## Kilimanjaro Region

### ACTIVITIES

- 1 Building a sustainable Earth House prototype and equipment
- 2 Encountering Kasirwa's local materials, construction and community life
- 3 Visiting traditional (Chagga-) and new agroforestral gardens

Kasirwa

Earth House

Workshop

### PARTICIPANTS

Volunteers, Professionals, Researchers, Practitioners, Interns and Project Thesis

### PERIOD

July 18<sup>th</sup> - October 09<sup>th</sup>, 2016

### LANGUAGE

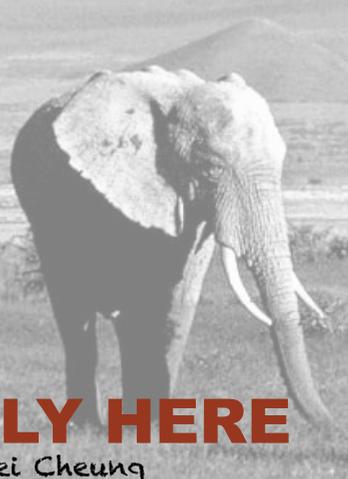
English, German and Italian



Nka Foundation

### APPLY HERE

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### LEFT ABOVE

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- 3 Dar es Salaam

### LEFT BELOW

Map of Africa with Tanzania highlighted

# INTRODUCTION

Tanzania Earth Building Workshop is a collaborative, research-based design build workshop to construct one of the designs in the recent Nka Foundation's Mud House Competition in 2014.

Join us and work with our international team of participants to design and develop a prototype home in the village of Kasirwa, Tanzania. Learn sustainable design concepts and join the local community to create a home that exemplifies a modern approach to traditional earth construction.

The house will be used by international volunteers who come to the local school to volunteer their time and skills, and it will enlarge the growing mud house community in Nka Foundation's nonprofit Arts Village in Tanzania where other earth workshops will be built as well.

Through the project we hope to encourage the sustainable development of Kasirwa. This three month workshop will be a challenging and rewarding design build endeavour. We look forward to collaborating with you on the successful project completion.



## LEFT

First earth building workshop in Kasirwa Village, Tanzania (1 Aug. - 30 Nov., 2015)  
© Orbe Design Studio



Creating a prototype earthen home for volunteers on the eastern slope of Mt. Kilimanjaro

## EARTH BUILDING WORKSHOP

Join us in the design, development and construction of a prototype earth home in Kasirwa, Tanzania. The experience is an opportunity to immerse in the local culture, explore sustainable design initiatives and learn through hands on analysis, field trips and construction of the project with the local community. As well as getting imparted comparative knowledge in state of the art earth building and low cost sustainable building equipment.

The home will be joining the mud house collective to initiate Nka Foundation's new Artist Village project site in Tanzania. It will serve as a home for local and international artists to use while performing their artist residency with Nka Foundation. Nka has had success in Ghana serving human capital development through use of the arts. The foundation now has the opportunity to continue their mission in Tanzania.

The home will also be used by volunteers who come to the local school to volunteer their time and skills. These volunteers come to Namfua Secondary School to build a classroom, playground for the school or teach summer kids camp or an after school project when school is in session.

We will begin the workshop through site-specific tours of the local architecture and talking to the residents to gain awareness and knowledge of the local building traditions. The design process will then begin to evaluate and refine the design of the Kasirwa Earth House by Marco Grimm & Gwok-Wei Cheung.



### LEFT ABOVE

Sharing music in Nka Foundation's Arts Village in Ghana

© MAMOTH

### LEFT BELOW

Local people helping build a rammed earth wall in Nka Foundation's recent workshop in Ghana

© MAMOTH



We will be studying the potential and viability of earth building as a construction technique to serve the sustainable development of the local region. The culture has a long history of building with the earth and we will learn from their knowledge while also presenting ways that earth building can be used for future and modern homes.

As a local and widely available resource, earth and mud construction can serve as a natural building technology for future homes without the high cost and negative impacts of imported concrete and other foreign construction methods.

As a group we will study rammed earth building techniques as a means to build the Kasirwa Earth House. The construction of the project will depend on the successful gathering of local interest and help.

Through the planning process we will seek community input to ensure an appropriate design is developed. In the construction phase we will work with local people to create an exchange of knowledge and construction ideas. During the design build workshop you will have time to visit the nearby sites, local construction and agroforestral gardens such as the Chagga home gardens, national parks and other attractions of Tanzania. We hope that you will use your time to explore and have fun in the region while connecting to the local people and environment.

#### LEFT

**1**  
View from the project site, Kasirwa, Tanzania

**2**  
Our local assistant Mr. Jonathon

**3,4**  
Namfua Secondary School where volunteers come to donate their time and skills

**5**  
Local people and producers in Kasirwa, Tanzania

**6**  
Views of the village and project site, Kasirwa Tanzania

Participants can also choose to use their free time collaborating with the local school and other community members and artists on ways to give back to Kasirwa Village. The workshop offers an engaging and enriching experience to the participants to work with a local community and be involved in a project from the design to construction phases. The international makeup of the project team and the local people will allow for cross-cultural communication and understanding.

# COMMUNITY DESIGN

Working, sharing and learning with the local community throughout the design build workshop

Through the project we will seek ways to engage the local community in our discussions and construction of the project. Our workshop will be an open invitation to the local villagers to become involved in the sharing experience.

To begin we will speak to people about their needs, ideas and daily life revolving around the house. We hope to identify areas of difficulty in their lives and search for ways that our design work can improve their living resources. This collaboration will allow us to develop a housing prototype that fits into the lifestyle of the area.

We will present our own ideas, experiences and designs with the community and receive suggestions and input as we prepare for the construction.

During the construction phase of the project, we will be working alongside craftsmen, builders and interested people from the village. We will learn of their construction methods and techniques while also sharing our own ideas with them and encouraging sustainable design concepts and practices.

Our workshop is a cultural immersion and learning event. The educational opportunity is to both learn from the local people and share our own knowledge. By being directly involved with the people, we can situate our project within its context to serve as a functional and meaningful prototype in the community.



## LEFT ABOVE

Community members and workshop participants from MAMOTH + Nka Foundation's recent workshop working at the mud house in Ghana

© MAMOTH

## BELOW

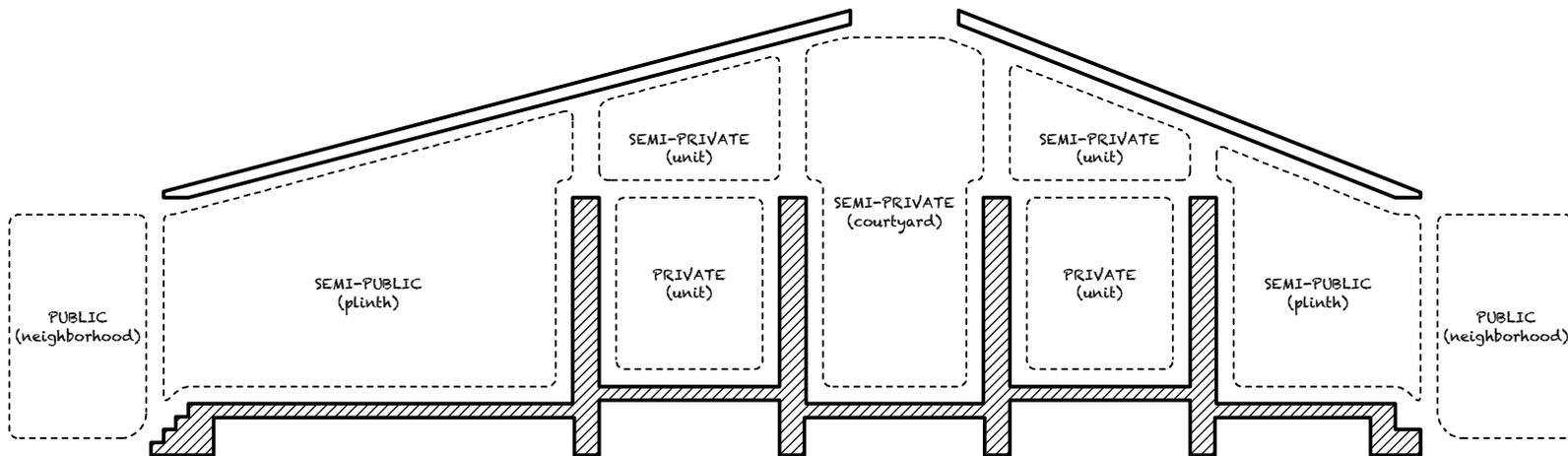
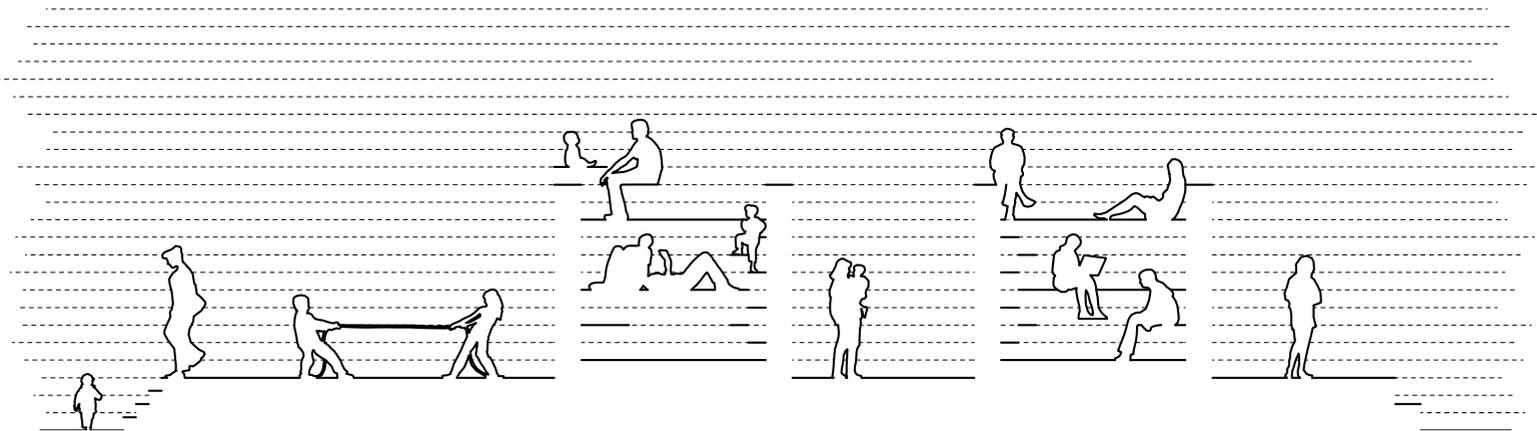
Community members and workshop participants from MAMOTH + Nka Foundation's recent workshop

© MAMOTH

# KASIRWA EARTH HOUSE

The spatial idea for the Community House 'Living on Levels' is to create a high vertical programmatic density in the interior. This generates a new way of living, and thus an unique new experience

For the Mud House Competition 2014, the overall concept and goals lead to the pictured design. During the workshop, the concept and goals will be kept based on the competition entry. The design and building technique will be commonly revisited according to the on-site gained experiences.



## LEFT

Concept sketch "Living on Levels" and diagram about spatial boundaries and relationships



## "HOUSE-IN-HOUSE"-COMMUNITY

// OWNERSHIP IN A JOINT VENTURE-PROJECT

1 house + 1 house + 1 house + ... = ONE HOUSE



(1) 1 OWNER = 1 HOUSE  
\$\$\$ (hard to implement...)

(2) MANY SMALL HOUSES  
\$\$\$ → 4-4-4 (shared costs)

(3) MANY OWNERS = 1 HOUSE  
4-4-4 (joint community)

The Community House provides an "easier" access to ownership depending on the demands (m<sup>2</sup>) and budget (\$) of the clients

// TRANSFORMING THE NEGATIVE SPACE



(1) HARD SPACE  
(permanent physical)

(2) RE-LOCATING SPACE  
(corners of the house)

(3) SOFT SPACE  
(temporary expandable)

Currently, informal extensions and its uses have created a permanent "hard space" in the urban fabric. Here, they are re-located and transformed into a temporary "soft space"

// GRADIENT SPACE



(1) LANGUAGE OF SPACE  
(orientation)

(2) INSIDE-OUTSIDE  
(two worlds)

(3) GRADIENT UNITS  
(from public to private)

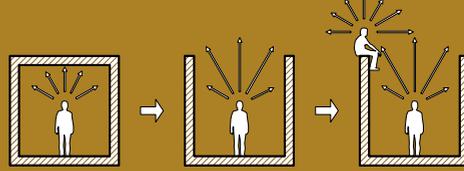
All spaces emphasize their characters with their language which deals with the orientation and relationship inside-outside and public-private creating gradient units



## LIVING ON LEVELS

(9 residents with house and shops, 1 shop only)

// SMALL HOUSE, BIG SPACE



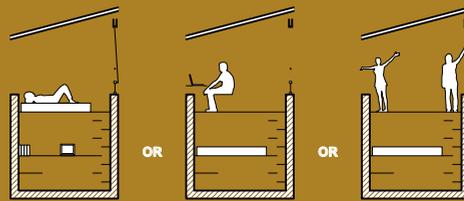
(1) SMALL SPACE  
(hard boundaries)

(2) OPEN SPACE  
(without ceiling/roof)

(3) MAXIMUM SPACE  
(inside = outside)

The maximum space can be achieved by removing the hard boundary (here: the ceiling) and opening upper spatial spheres for the inhabitants. This uncommon approach produces a new experience where inside is at the same time outside

// UPPER LEVELS



top : sleep (single)  
bottom: work/study

top : work/study  
bottom: sleep (double)

top : chat/casual  
bottom: sleep (double)

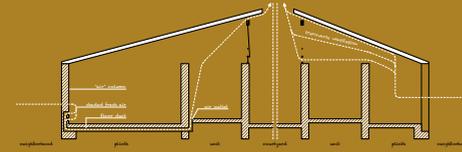
On both main levels (top: GL +2000mm / bottom: GL +3250mm), there is a free choice of use (living, sleeping and working) for the inhabitants.

Unusual heights of both levels prevent a mono-functionality. The option for later spontaneous changes is kept open - a double occupancy is possible. However, this given flexibility increases the performance of the entire interior space



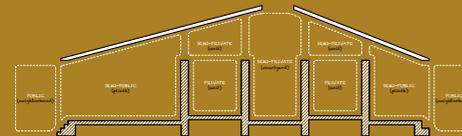
## SUSTAINABLE BUILDING

// VENTILATION



left section: air columns provide all units cooled down fresh air by using the massive earth plinth  
right section: a permanent natural transverse ventilation is taken place between the roof opening (over the courtyard) and the surrounding

// BOUNDARIES IN PUBLIC SPACE



The gradient space of the Community House is blurring up the boundary and prevents to be an obstacle towards the public space - interactive moments find a ready welcome.

// \$\$\$ BUILDING COSTS \$\$\$

- |                                                   |            |
|---------------------------------------------------|------------|
| (1) Foundation                                    | = 1,500 \$ |
| [plinth and pavement]                             |            |
| (2) Walling                                       | = 1,250 \$ |
| [columns and plaster]                             |            |
| (3) Roofing                                       | = 1,750 \$ |
| [carpenters required]                             |            |
| (4) Fittings                                      | = 500 \$   |
| (5) Miscellaneous                                 | = 1,000 \$ |
| [doors, interior furnishing, sanitary facilities] |            |

# COMPETITION DESIGN GOALS

The main goal is to provide a spatial solution that includes currently well-known issues like (a) the access to ownership, (b) the prevention of informal extensions in the so-called "negative space" and (c) the interaction between the environment and the mud house itself.

In the Community House, a joint venture of up to nine possible residents can be formed to gain access to ownership a lot easier by simply sharing the budget. In addition, the implementation of a gradient-like space and the integration of possible small shops attached to each apartment unit eliminate a clear bisection of the environment and the architecture. As a result, boundaries between private-public are blurred up and spatial relationships softened up.

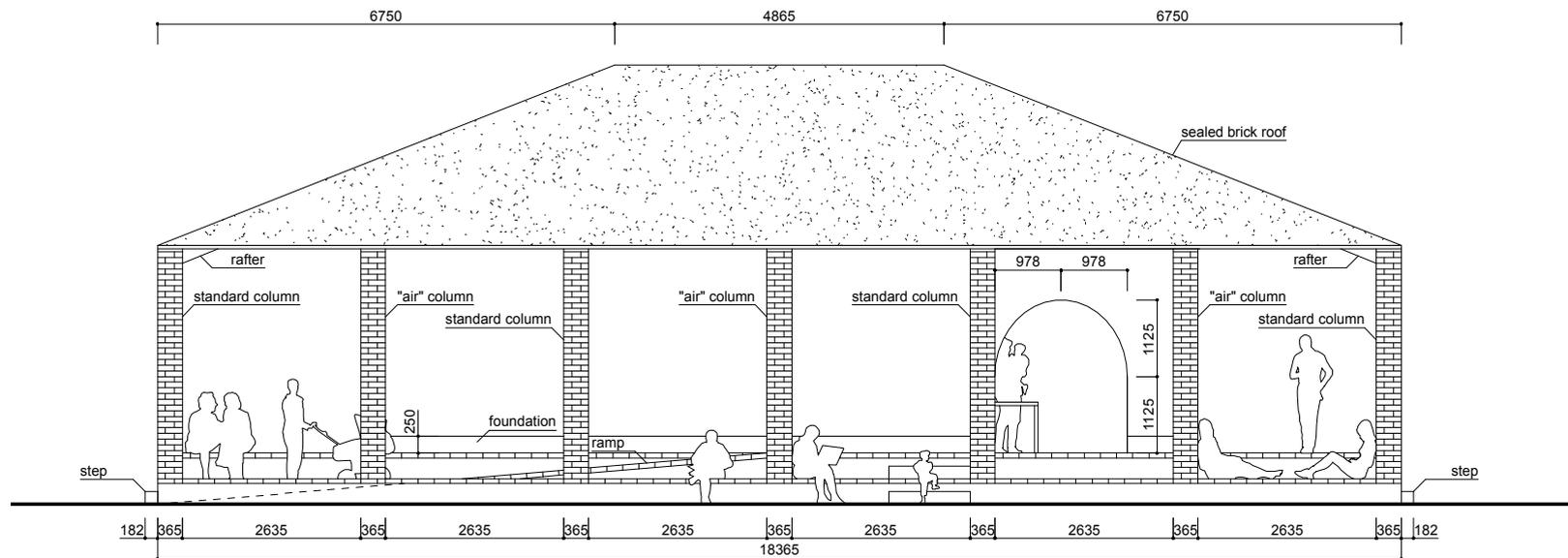
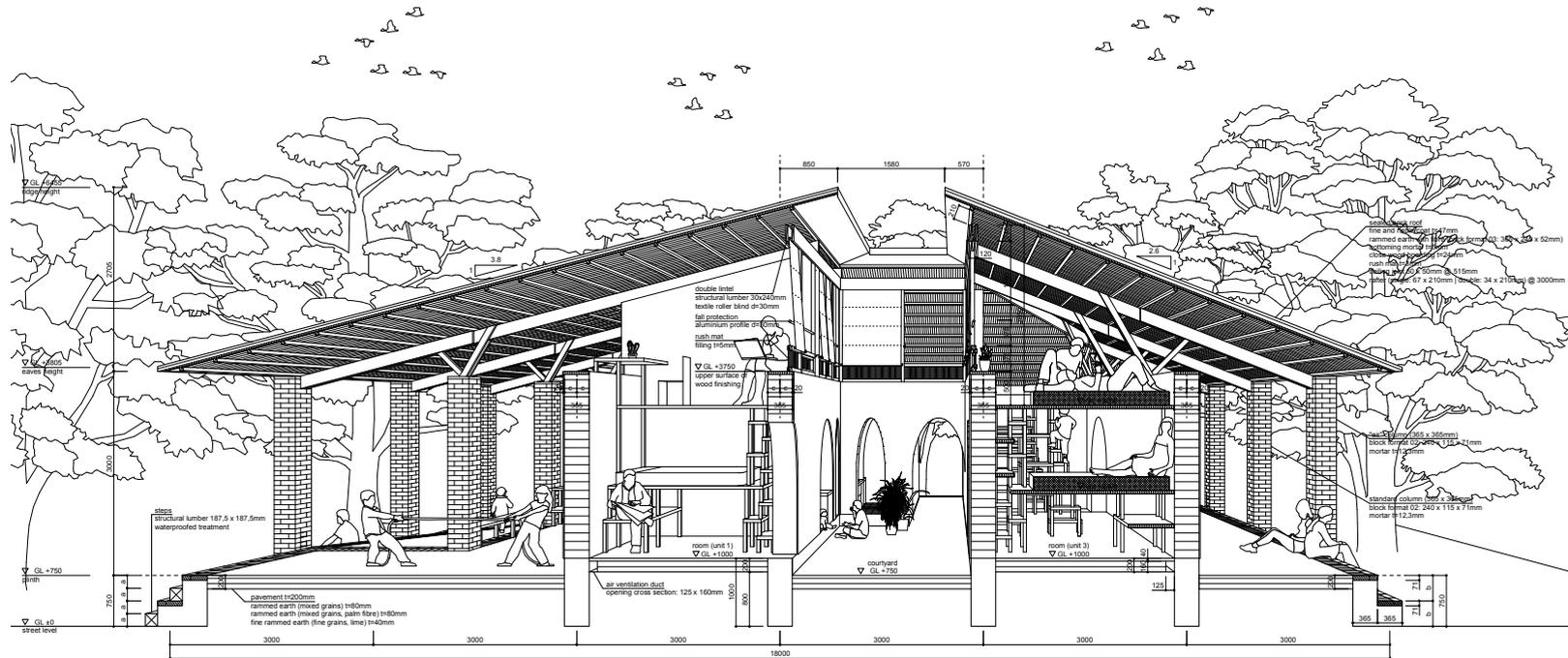
LEFT

Axonometric view of an unit with interior design

# LIVING ON LEVELS

A new housing experience comes into being with the theme "Living on Levels". Numerous levels with multiple potential applications invite the residents to explore them and generate more artificial usable surfaces: small house, but big space! Upper levels offer areas of freedom, but still guarantee adequate privacy thanks to roller blinds. The apparent "floating" roof (bracing by panel effect) allows a constant natural ventilation of all rooms and provides precious shade.

The do-it-yourself-mentality of the Community House will bring all spectators a new awareness of the African Mud House to mind and will create unique identities.



**LEFT**  
Section of the design and Street Elevation D-D



The sustainable design principles of Kasirwa Earth House will integrate the building to its environment and local culture

## SUSTAINABLE DESIGN

The Maasai people of Tanzania are traditionally nomadic, so their house construction was for temporary purposes, using wood and sticks plastered with mud and cow dung.

Traditional houses are unsuitable for long habitation - forever needing to be repaired and having no light, ventilation or water collection.

Working with Nka Foundation, we will develop new house designs, based on the traditional design which is important for local cultural and functional needs, but improving it through the use of appropriate technology. The mud house we will build in Kasirwa hopes to become a model example of sustainable design in the region. Through our research, studies and collaboration with the community we aim to create a prototype home that offers a means of creating affordable sustainable design. We will use the project to encourage the thoughtful growth and sustainable development in the area.

Together we will investigate the potential integration of (ecologically and socially) sustainable building equipment that are independent from a supra-local infrastructure, such as compost toilet, water catchment, passive refrigerator, etc.

As a built example of ideas, the Volunteer Quarter of Kasirwa will become a house for volunteers, created by volunteers and will serve as an educational tool to show possibilities for other homes.



### LEFT ABOVE

Exterior Facade Tanzanian Mud House  
© Nka Foundation

### LEFT BELOW

Interior Bedroom Tanzanian Mud House  
© Nka Foundation

# HANDS-ON LEARNING

Explore building traditions in rural Tanzania, work among the local people of Kasirwa, and gain new skills through hands on learning

The Tanzania Earth House Workshop offers an educational experience through an immersive, collaborative design build project. The workshop challenges the participants to interact creatively and physically for crossfertilization of ideas and skills.

When you join the workshop we will work together with the local community and craftsmen to discover new ideas and understand the logic and ingenuity in the local vernacular architecture. We will then seek ways to incorporate our studies into our own design processes. The collaboration with local builders and artisans will allow us to develop a prototype earth home housing unit that can be replicated in the region as a model of sustainable design.



## ABOVE

Recent Ghana workshop participants filtering the mud  
© MAMOTH

## LEFT BELOW

Preparing the mix for the atakpame wall with local craftsmen collaborates in the Ghana Workshop in Abetenim  
© MAMOTH



During the day we will go on site visits, develop the project design, experiment with construction techniques and build prototypes to better understand the materials and behaviour. Then, we will start the construction of the project and learn the construction process from foundation to roof.

Most evenings will be used for reviewing workshop progress along with informal discussions and presentations by the workshop leaders and international participants. Design, site-specific issues, and construction strategy are all debated in an effort to create useful structures that are environmentally sustainable and meet local needs.

By alternating work and dialogue, the participants will experience how a design problem, budget and site-specific dynamics such as materials, indigenous technologies and community can provoke resourceful thinking and hybridization.

The project will come to closure with a Community Day, a public celebration of the completed project by way of open house exhibition of the built unit and associated works, public performances, and foods. At the end, you leave with real skills and experience that employers and clients value that can refresh your own design thinking.



**LEFT ABOVE**

Project team and local builders having a site meeting during MAMOTH's workshop in Abetenim  
© MAMOTH

**LEFT BELOW**

Group collaboration meeting during MAMOTH's workshop  
© MAMOTH

## JULY

01 02 03

04 05 06 07 08 09 10

11 12 13 14 15 16 17

18 19 20 21 22 23 24

25 26 27 28 29 30 31

Design | Experiment | Preparation

Design | Experiment | Preparation

## AUGUST

01 02 03 04 05 06 07

08 09 10 11 12 13 14

15 16 17 18 19 20 21

22 23 24 25 26 27 28

29 30 31

Foundation | Formwork

Foundation | Formwork

Foundation | Formwork / Walls Construction

Walls Construction

Walls Construction

## SEPTEMBER

01 02 03 04

05 06 07 08 09 10 11

12 13 14 15 16 17 18

19 20 21 22 23 24 25

26 27 28 29 30

Walls Construction

Roofing

Roofing

Roofing

Interior Finish | Building Equipment

## OCTOBER

01 02

03 04 05 06 07 08 09

10 11 12 13 14 15 16

17 18 19 20 21 22 23

24 25 26 27 28 29 30

31

Interior Finish | Building Equipment

Interior Finish | Building Equipment

# PROJECT SCHEDULE

Join us at any time and for any duration during the course of the workshop

Our project schedule is based on the successful completion of a design build initiative. The goal is to give all participants a worthwhile and informative building experience regardless of their duration of stay or arrival date. We encourage participants to stay for as long as possible as this will allow for the greatest involvement in all phases of design.

In the first portion of the project we will work on finalizing the design and learning from community interaction. In the subsequent parts of the workshop we will construct the project from the foundation to the roof, improving initial design ideas throughout.

Key project points include:

### 1. LOCAL UNDERSTANDING

Visit the surrounding areas with its vernacular construction. Work with the community, with their ideas and needs.

### 2. MATERIALS AND RESOURCES

Gather information on material availability, local resources and skilled builders. Perform material tests and prototype for rammed earth.

### 3. DESIGN AND REFINE

Review the existing Kasirwa Earth House design, make refinements and design anew.

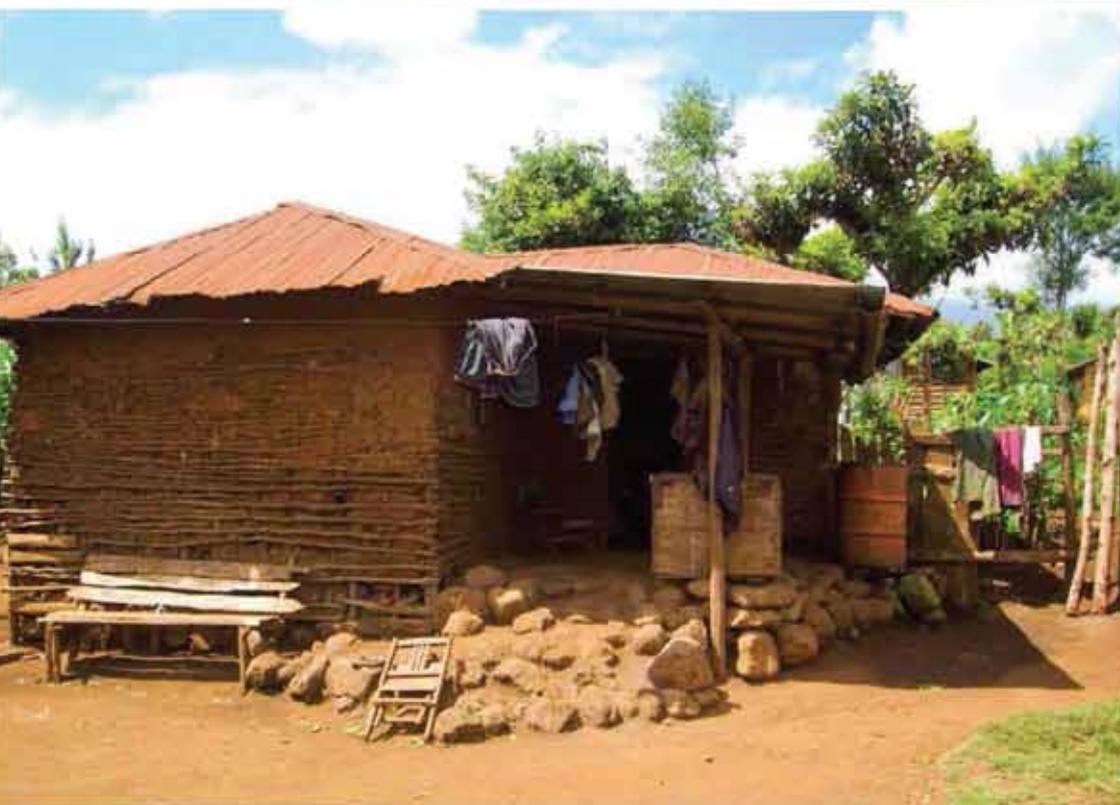
### 4. CONSTRUCTION

Build the Kasirwa Earth House with the project team and local workers and craftsmen.

Experiments, prototyping, landscaping, interior finish, door and window construction, furniture building, plumbing, etc. are ongoing throughout the entire schedule. Schedule is not final and will develop over the course of the project.

### LEFT

Preliminary project schedule



## ARRIVAL & ACCOMMODATION

Planning for your arrival and accommodations during your workshop experience

The workshop begins by arriving to Kilimanjaro International Airport (JRO). Our local contact Felix Kisamo will help us coordinate transportation to the project site in Kasirwa 128 km from the airport. Kasirwa is a rural village and offers adventurous and challenging living conditions.

Accommodation will be in a shared guest house and camping at the village depending on your arrival time and preferences.

Participants are encouraged to take part in the social events of the community to connect with the local lifestyle and customs of the village.

Come with any supplies and materials you believe would benefit our project in Kasirwa. Laptop and cameras are optional but can be used through the design phase along with pens and tracing paper. Architectural supplies will not be available nearby.

Meals are prepared by hiring a local cook or by using a cooperative kitchen where participants take turns in the planning, shopping and preparing the food. Please feel free to share your culture's cuisines with the group.

Consider bringing small inexpensive but meaningful gifts, thank you cards or photos of your city for community members. It is also customary to meet and greet the chief of the village and present them with a small cultural artefact from your home.

Kasirwa does not have electricity readily available. Small solar chargers offer an option to power digital cameras and phones. During our time off we can go to the larger towns to access internet.

### LEFT

Potential homestay locations within Kasirwa, Tanzania

## LOCAL EXCURSIONS AND CASE STUDIES

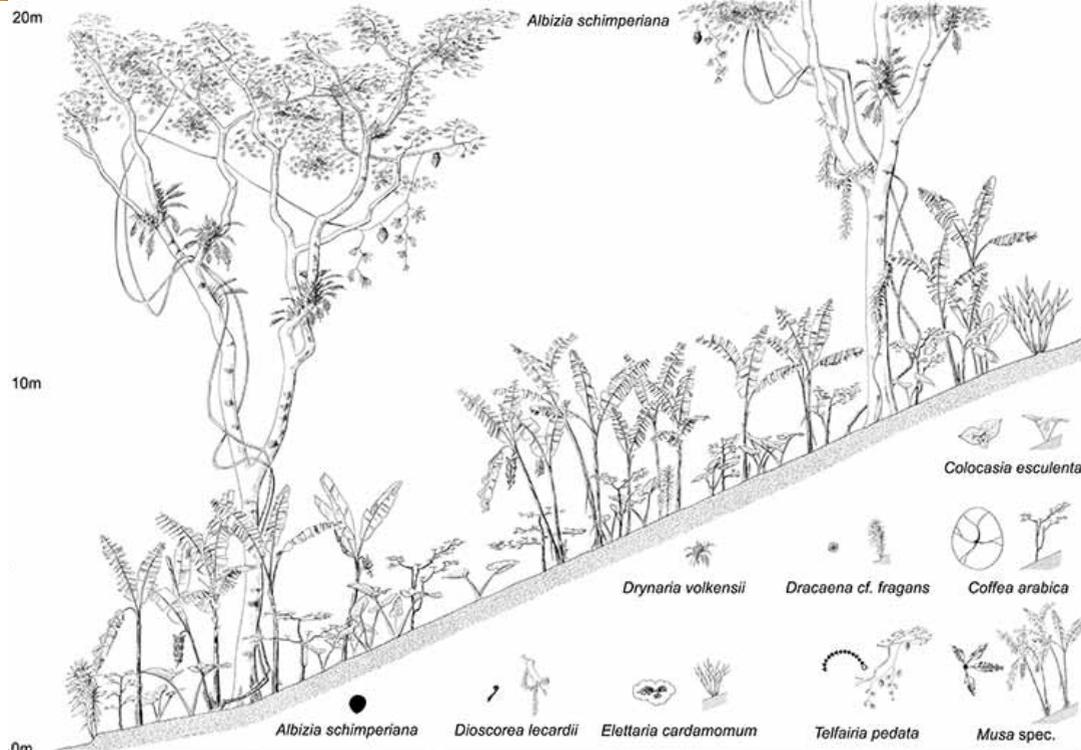
Immerse yourself in the culture and natural beauty of Northern Tanzania

On Mt. Kilimanjaro a unique agroforestry system developed: the Chagga home gardens. They are characterised by an intensive integration of numerous multipurpose trees and shrubs with food crops and animals, simultaneously on the same unit of land. The Chagga are skilled farmers with an intimate knowledge of the crops and their ecological requirements. They have a good idea of functions/ uses of the plant species on their farms. The large species diversity provides both subsistence and cash crops. It enables the farmer to keep his management options open and provides insurance against drought, pest and economic risks. Visiting traditional as well as newly implemented gardens will be a unique occasion and give us the understanding to implement a garden patch at the workshop's earth house.

Further destination will be case study trips to successful development projects related to the workshop. Like the hospitality school of "more than a drop" with sustainable sanitation and garden, or a domestic water management project of the nonprofit organisation "Save the Rain".

Tanzania also offers the visitor a wide variety of quintessential African experiences. From Mt. Kilimanjaro to the Serengeti plains and herds of wild animals, many of Africa's iconic imagery is located in the region surrounding the project site. We will also make visits to the surrounding areas to view local building techniques and understand ways to incorporate the local culture in the Kasirwa Earth House.

Dependent on time and finances, some other potential excursions include:  
Arusha National Park; Mt. Kilimanjaro / Mt. Meru; Ngorongoro Crater; Serengeti National Park



### LEFT ABOVE

View of nearby Arusha National Park in Tanzania with the Mt. Kilimanjaro in the back  
© Tanga Wonders Adventure

### LEFT BELOW

Profile of a typical Chagga homegarden in Kindia (Old Moshi) at 1400 m asl  
© Claudia Hemp, Andreas Hemp

# PACKING ESSENTIALS

Ensure your enjoyment and the success of the project through planning and preparation

The following is an initial list of items you may want to consider bringing with you for your stay. Some items such as generic toiletries may be easy to obtain in Tanzania while others may be better to bring with you. Please be aware that the project site is in a rural and remote area of Tanzania without consistent electricity. Remember to pack light!

- Camera
- Camping Equipment (optional, if available)
- Construction Tools (any old or used tools you want to donate, all are appreciated on site)
- Solar Charger (optional, for digital devices)
- Headlamp / Flashlight
- Medicine, Malaria pills, Tylenoi/Aspirin, etc.
- Mosquito Net (May be purchased in Tanzania)
- Mosquito / Bug Repellent
- Paper, Tracing Paper, Pens, Pencils etc
- Rain Jacket
- Sleeping Bag (optional, if available)
- Small Measuring / Drafting Equipment
- Solar Lamp (optional)
- Sunglasses / Sun protection
- Sleeping Mat (optional)
- Toiletries, Toilet Paper, Hygienic Supplies
- Towel (may be purchased in Tanzania)
- Travel First Aid Kit
- Warm Clothes
- Work Clothes, Shoes and Gloves
- Laptop Computer (optional)

## LEFT

Working table and tools in Abetenim, Ghana, from Nka Foundation's Three+Two Workshop

© Three+Two Mudhouse



## VISA

Before your arrival in Tanzania it is necessary to research the appropriate measures you must take to enter the country and protect your health and safety.

Take time to familiarize yourself with Tanzania's entry requirements in relation to your nationality. Every country's situation is unique and as a participant it is your responsibility to ensure that you are eligible for entry to Tanzania. Visas are required for most visitors from outside East Africa, which can be issued via the Embassy of Tanzania in your region.

Many nationalities are offered a visa upon arrival while others will need to apply in advance. Participants are encouraged to start planning early and are responsible for any costs associated with the visa process.

Our project is a cultural immersion event and therefore we recommend applying for a tourist visa. A few embassy links:

### AUSTRALIA

<http://www.tanzaniaconsul.com>

### BELGIUM

<http://www.tanzaniaembassy.be>

### CANADA

<http://www.tzrepottawa.ca>

### GERMANY

<http://www.tanzania-gov.de>

### ITALY

<http://www.embassyoftanzaniarome.info>

### UK & IRELAND

<http://tanzania-online.gov.uk>

### USA

<http://tanzaniaembassy-us.org>

## HEALTH & INSURANCE

Take the first steps in preparing your health, safety and entry for your time in Tanzania

Entry to Tanzania may also require vaccination records. The choice of vaccines for your trip depends on many individual factors, including your precise travel plans. Vaccines commonly recommended for travellers to Africa include those against Tetanus, Diphtheria, Polio, Typhoid, Hepatitis A, Hepatitis B, Yellow fever, Malaria, Rabies and Meningitis. Consult with a travel health advisor for information.

Participants are welcome to research and purchase traveller's medical insurance to cover any events that may happen that may require medical assistance. Consider your own situation and comfort levels and decide if insurance is right for you.

If you are bringing valuable belongings such as digital cameras and laptop computers, consider purchasing traveller's personal property insurance to cover any damages that may occur.

Keep in mind that our project site is a rural and remote location in a small village in Tanzania, where the convenience of development has not reached. Therefore please plan appropriately and prepare yourself for a challenging and rewarding experience.

## PROJECT COSTS

A breakdown of costs for project participation, food and accommodations

The Tanzania Earth Architecture Workshop is funded through participation donations from the project participants. These costs cover all fees associated with joining the Tanzania Earth Architecture Workshop.

The participation fee is used for the purchasing of materials and supplies to complete the construction of the home and a small percentage to cover the workshop leaders. This fee is collected regardless of length of stay. Earth, wood, cement and other construction materials are all purchased using this fee.

Accommodations are by homestay with a local family in Kasirwa where we will immerse in the lifestyle of the village. The food and accommodation pricing is by week to meet your individual schedule.

Once you determine your length of stay you can estimate the overall cost of participation.

The project fees are as follows:

### FOR INTERNATIONAL PARTICIPANTS

Participation: € 400

Homestay & Food: € 80 / week

### FOR TANZANIA NATIONAL PARTICIPANTS

Homestay & Food: € 80 / week

Participant is responsible for their travel expenses, vaccinations and any other personal miscellaneous costs.

## FUNDRAISING

Let's work together to make the workshop successful and accessible to everyone

The Earth House Workshop in Tanzania is an active construction project. The successful completion of the building requires the proper funding and budgeting measures to purchase supplies and materials and hire the skilled community builders throughout the project.

Most of these fees will be collected through the project participation donations from workshop participants. However with every additional contribution the project has the potential to increase its final impact. Additional funds will allow us to purchase and install water catchment systems, ecological latrine systems and potentially include small solar lighting integration.

We also want the workshop to be accessible and affordable and we encourage all interested applicants to attend. We understand that the project fees may make attending the workshop difficult. Additional money that is raised through fundraising and contributions will be used to help reduce the project participation fees.

Please help us to promote our workshop with your interested contacts and ensure the successful completion of the project.

## ABOUT THE WORKSHOP LEADERS

**Marco Grimm**

main workshop leader



“The symbiotic relation man always had when cultivating and moulding earth, formed our culture and ability to dream, love, believe and hope”

Marco Grimm holds a Dual Master of Science degree in Urban Design and Architecture from Technische Universität Berlin and Tongji University Shanghai.

After graduation, he worked as freelance architect while deepening his interest in earth. Earth as building material as well as nutrition source. So he underwent practical training in earth building, organic farming and permaculture design. He alternated courses with hands-on experience in do-it-yourself, sustainable and traditional construction at Beyond Architecture Group.

Currently, beside freelance office work he is an active herb gardener and (low-emission) clay oven constructor at Hylé Matières Subtiles.

**Gwok-Wei Cheung**

assisting workshop leader



“I strongly believe that architectural design has the power to change society. The experience of space must awaken interest for the spectators and educate them”

Gwok-Wei Cheung holds a Master of Science degree in Architecture from the Institute of Architecture from TU Berlin, Germany.

His special interest deals with spatial phenomena such as “Boundaries in Public Space” and the “Public-Private-Relationship” with the goal to create a new experience and make interaction between all people possible.

Since graduation to date, Gwok-Wei has worked as a freelance architect in several offices in Berlin, Germany and for Sou Fujimoto Architects in Tokyo, Japan. At the same time, he’s working at the Anhalt University of Applied Sciences in Dessau, Germany holding the position of a research assistant.

## ABOUT NKA FOUNDATION

Nka Foundation initiates and promotes artistic, humanitarian and educational projects or activities that build cultural bridges between Africa and the rest of the world.

Nka is an Igbo (African) word for artistry, its literary translation is “...of art”. It is also an Akan word that implies “may be” but in Akan, nká means “ancient”. We reckon the arts are the most ancient of human activities.

Along these lines, Nka Foundation has a focus on human capital development through use of the arts, broadly defined to include visual arts, literary arts, performing arts, design, new media/film production, arts history, arts criticism, arts education, arts administration and curatorship, and emerging others. While based in Ghana, Nka Foundation is committed to developing residency facilities in other countries; each centre is to be independent but will similarly respond to local needs. The Tanzania Earth Building Workshop is the first project in their new Tanzania location.

The organization is led by Barthosa Nkurumeh, an arts educator and project director that spends his time in both the United States and throughout Africa.

Nka Foundation will support students who have a specific research topic they wish to develop to earn college credit. The topic must be preapproved by Nka in advance of starting the research or internship course.



Nka Foundation



# JOIN US !

## Earth Building Workshop

# Living on Levels

### PERIOD

July 18<sup>th</sup> - October 09<sup>th</sup>, 2016

### LANGUAGE

English, German and Italian



Nka Foundation

### APPLY HERE

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