

**MASAKA MIXED
NEIGHBORHOOD**

MASS.

Aerial View



Street Scaping

Main Boulevard

Apartment Block

Garden+ Sidewalk+ Garden

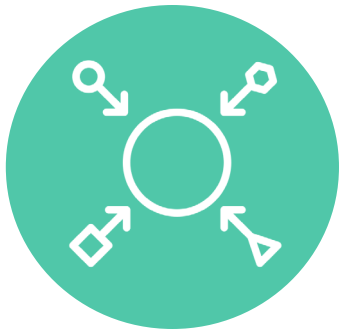
2-Way Road

Garden+ Sidewalk

Apartment Block

Safe Inclusive Walkable Streets

A neighborhood that provide safe walkability for children (to primary school), women and elders, shaded by native trees.



Streets Scaping

Typical Street

Semi Detached House

2-Way Road

Apartment Block

Functional Landscape Infrastructure

Use of Porous Surfaces to maximize storm water absorption. Native Trees and Greenery to provide shade, soil stabilization and carbon fixing.



Street Scaping

Secondary Street

Townhouses

2-Way Road

Semi Detached Houses

Accessible Pedestrian Friendly

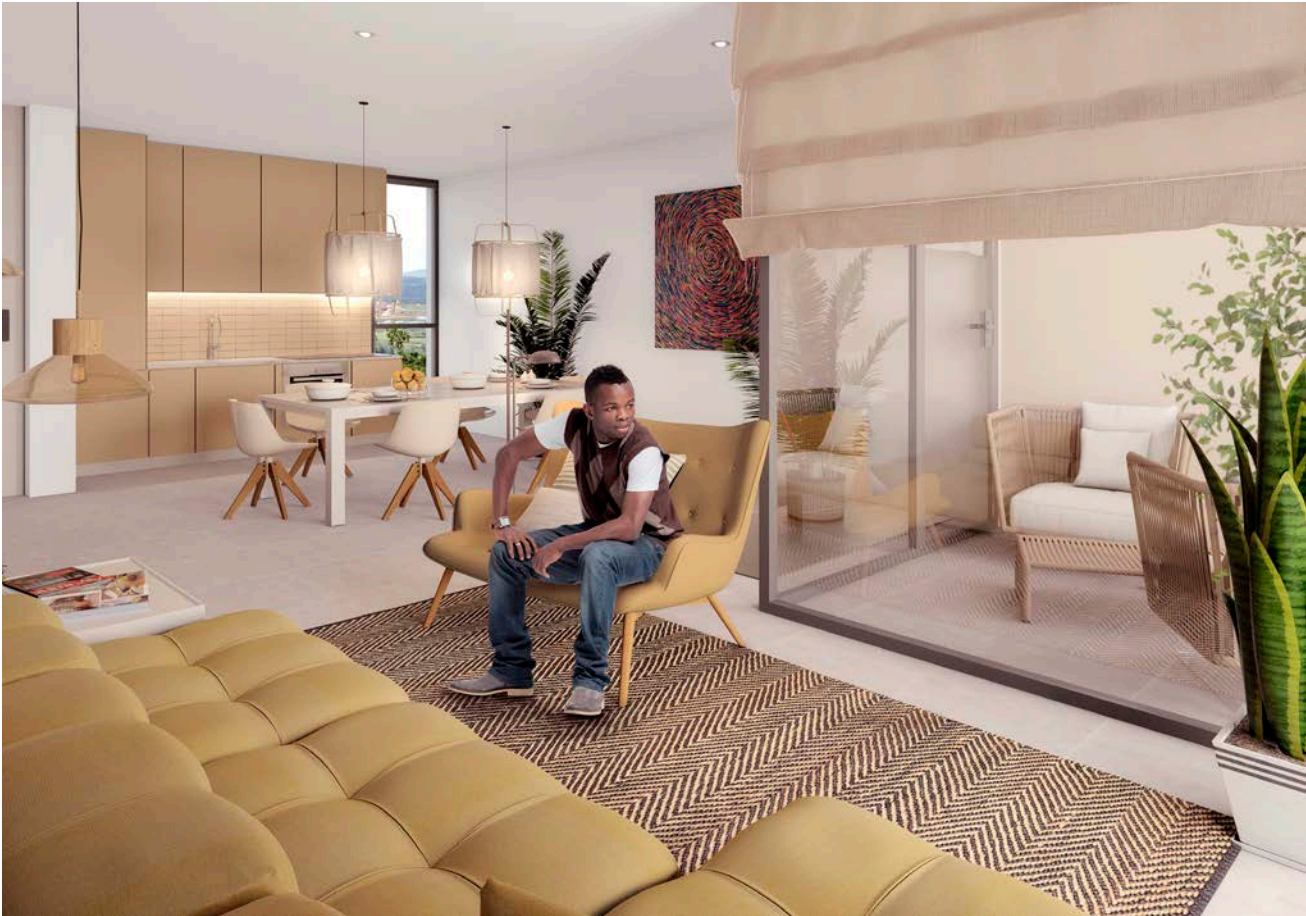
Streets with low gradients. Surfaces to ensure pedestrian safety and priority. Use of local volcanic rock as a paving material.



Unit Types

Lifestyle | Apartment

Open Kitchen



Demographic: Young Couple with children

Unit Types

Lifestyle | Townhouse



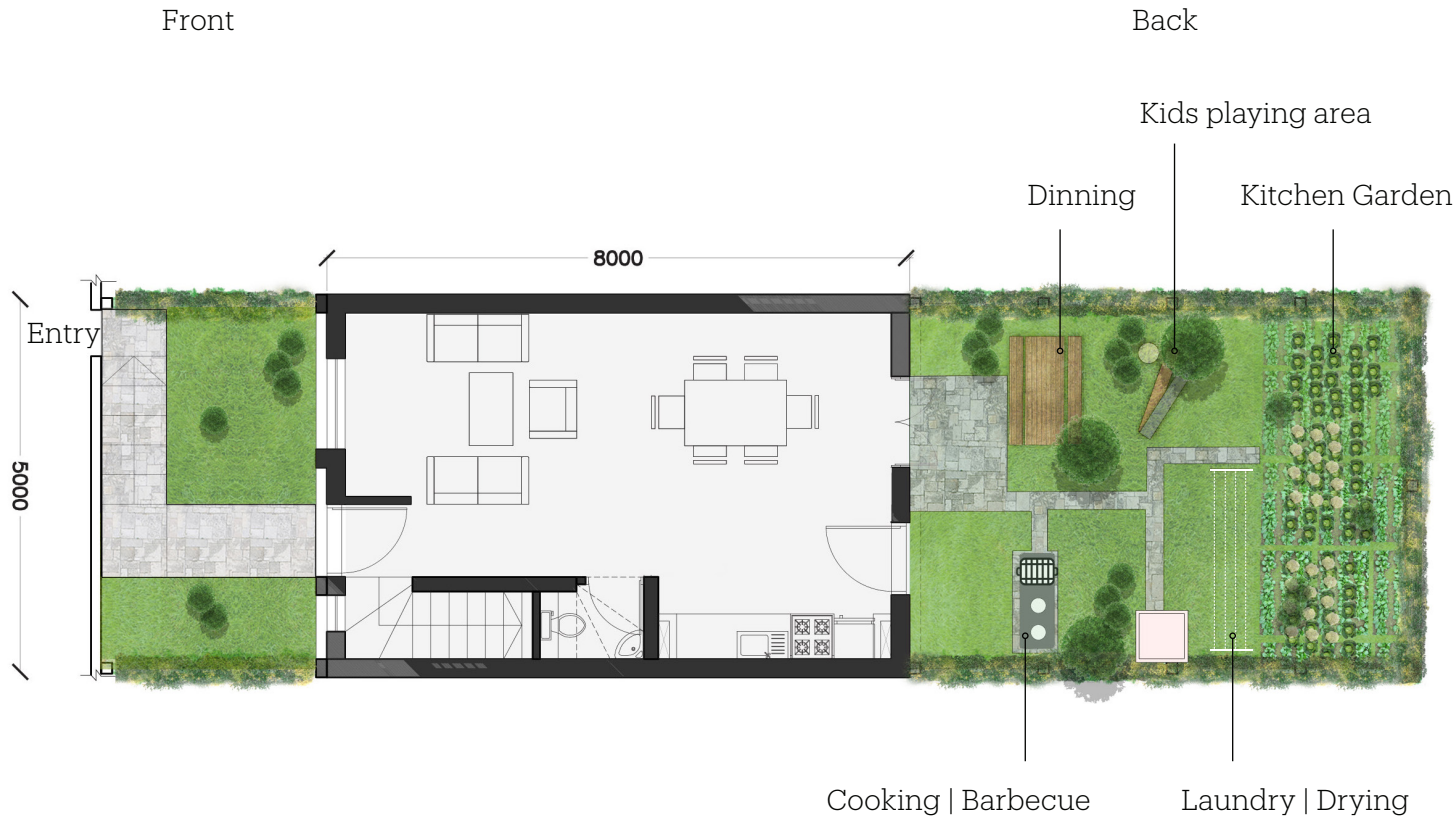
Closed Kitchen



Demographic: Government/
Business Sector Employee

Unit Types

Lifestyle | Backyard



Dinning



Kitchen Garden



Laundry | Drying Lines

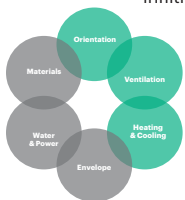
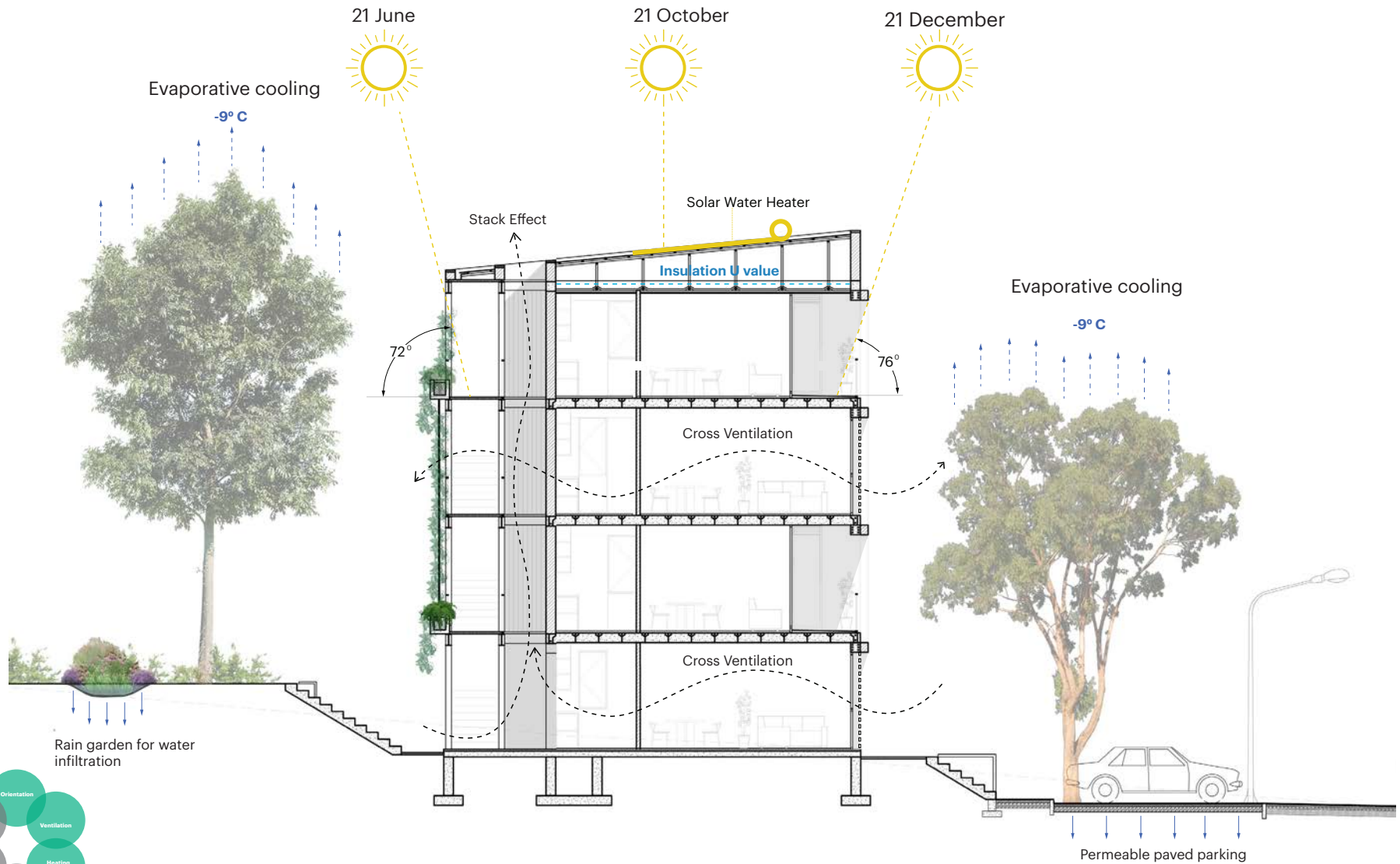


Cooking | Barbecue

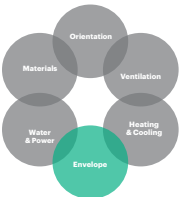
Orientation & Ventilation

Passive Design = Affordability

No Mechanical Heating & Cooling



Envelope



RICA





Upper Year Housing



UGHE









THE GREEN FIGHTER

"Friends of Environment and Community"

Brief Introduction of the Organisation

THE GREEN FIGHTER ORIGINS



Founded in 2017 by Ineza Umuhoza Grace and received the certificate of operation as a non governmental environmental youth organization in Rwanda in December 2018. The organization has an executive team of 8 members and has 60+ youth volunteer across the country.

THE GREEN FIGHTER MISSION



“The contribution to the creation of a better and stable environment for the community through youth activities and commitment to the environment”

OBJECTIVE 1

CREATION OF THE NETWORK PLATFORM FOR THE YOUTH IN ENVIRONMENT



Strengthening of environmental clubs in private and public schools in Kigali. The open training for students regarding solid waste management,, sanitation and hygiene, clean energy and the role each can play. This session have been offered in 12 schools and affected more that 1200 pupils.

OBJECTIVE 2

PROVIDING ASSISTANCE FOR THE YOUTH IN ORDER TO GENERATE STRONG IDEA



Youth from the university are offered a share of knowledge regarding project writing, research that need to be done, implementation and mostly how the idea can be turned into a proposal project and later be implemented in the community,

OBJECTIVE 3,4,5 SENSITIZE MORE YOUTH IN THE RWANDAN VISION, EAC 2050 AND SDG



Youth in Africa are the biggest population and there is an existing opportunity in green jobs that can be done on the continent. We play the part in contributing to the share of knowledge with local youth to come up with solution that can be designed in their community by offering job and sustainability of the development.

FOCUS AREA



Agriculture

78% of the population in Rwanda are farmer or work on the farm, and this sector is facing issue due to the changing climate and it harder the economic development of the country

Our contribution

- : Ruhango Project
- : Combat of desertification
- :Seabuckthorn plantation



Waste

Every day, more than 100 ton of waste is brought to the landfill site in Kigali, located in Gasabo Nduba landfill. At present, it is the only facility in Kigali that is dealing with collected solid waste.

Our Contribution

- :Organic fertilizer
- :Household waste management
- : Recycling of office/academical /journals magazine paper



Water

Rwanda is under the water scarcity in Africa where most of the rural population does not have access to clean water for their daily life.

Our contribution

- :Rainwater harvesting system in rural area
- :Water accessibility in rural area



Energy

Africa is the hottest continent where it receive 2000KWh annularly of solar radiation, but the later is suffering from the low accessibility of clean energy for cooking and lighting and it is projected to a higher population rate than other continent

Our Contribution

- : Solar cooking stove
- : Lighting energy for student



Education

For sustainable development to be achieved in the country the education system must incorporate its objective within the development.

Our contribution

:Open training to youth

:Research in the University



Other activities

1. Capacity Building training on climate finance for Rwandan sector expert
2. Regional training on adaptation finance
3. Pre-Cop 24
4. COP 24
5. Many more to come....

Thank you

Let us join hands in
making green lives a
reality!!

