MODULAR

ABADECOM

Eco Modular
Nature & Live

HOUSING

SYSTEM

PROYECT

Abadecom Manufacturer Company provides an eco-friendly modular construction project (EcoModular), with an Ideal flexibility to adapt to any climate, using mostly recycled and recyclable materials; following this proposal, it creates a self-sustaining Modular System with low environmental impact, capable of remaining isolated from electrical, hydraulic or sanitary networks.

This modular system is designed so that you can provide a large number of solutions to different architectural typologies. In this presentation we mainly refer to general housing and then health day care typology; which are designed to be temporary or permanent.

Committed to our society and the circular economy, the sustainable development goals and goals of the UN 2030 Plan, as well as the education and acquisition of environmental culture and within our socially responsible corporate business project: we use in the manufacture of our Modular System largely 100% recycled and recyclable materials, as well as renewable energies. Being these outdoor materials prepared for the incidence of ultraviolet rays and inclement weather: heat, cold, humidity, rain, etc.

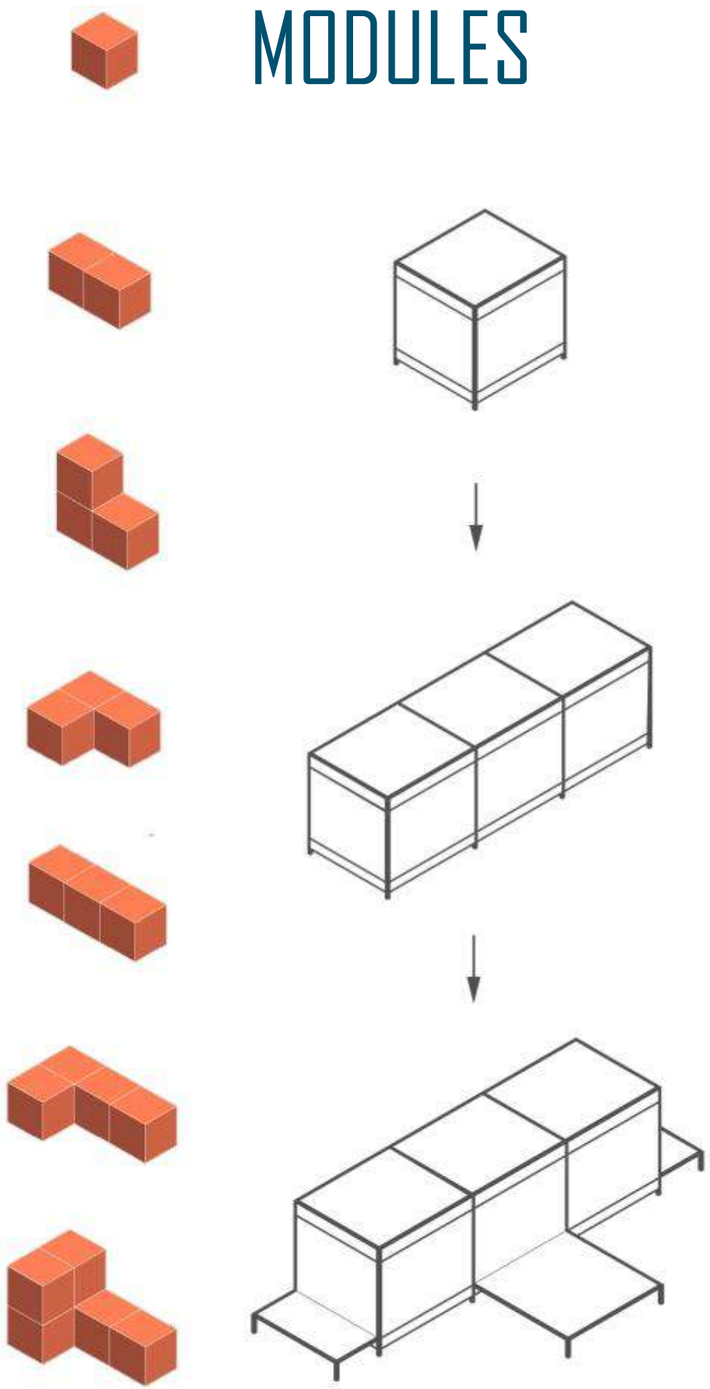
The biggest advantage of this modular system is how easy it can be installed in any climate and its ability to be self-sustaining, completely independent even in sites with little annual rainfall.

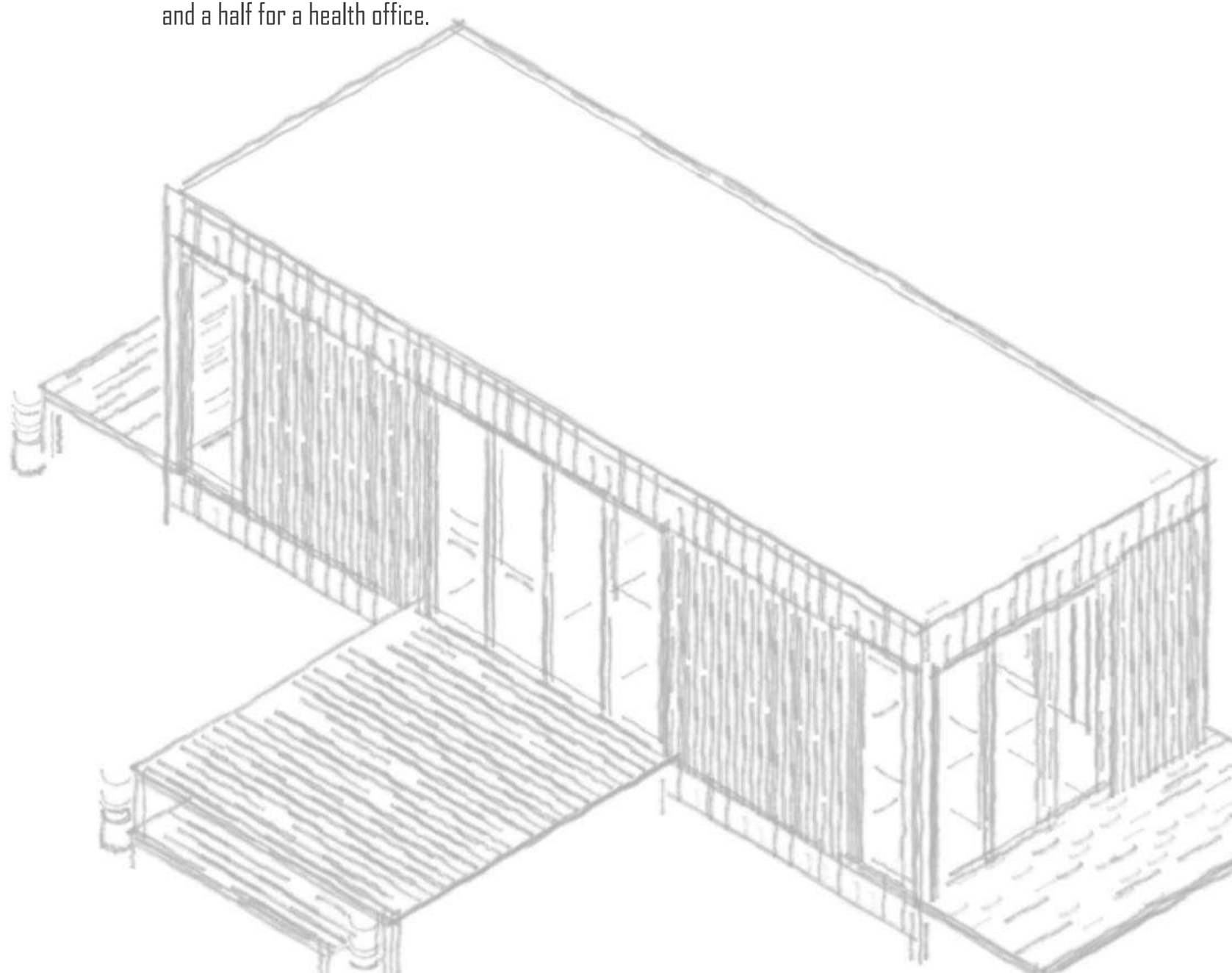
Its prefabricated structure provides a quick solution to on-site assembly, speeding up construction time and reducing the impact that it can have on the adjacent ecosystem.

EcoModular has a competitive price, since the construction of a housing module is cheaper than traditional construction, having an easy adaptation to any type of climate or condition of the land.

MODULES

As explained, the project is based on a modular system which provides a wide variety of space solutions. Depending on the function to which it will be subjected, customer demands or general requirements, modular sequences are made to respond to the different objectives.
The sequences chosen are a linear repetition, achieving a housing space for four people and a sequence and a half for a health office.





CLIMATE

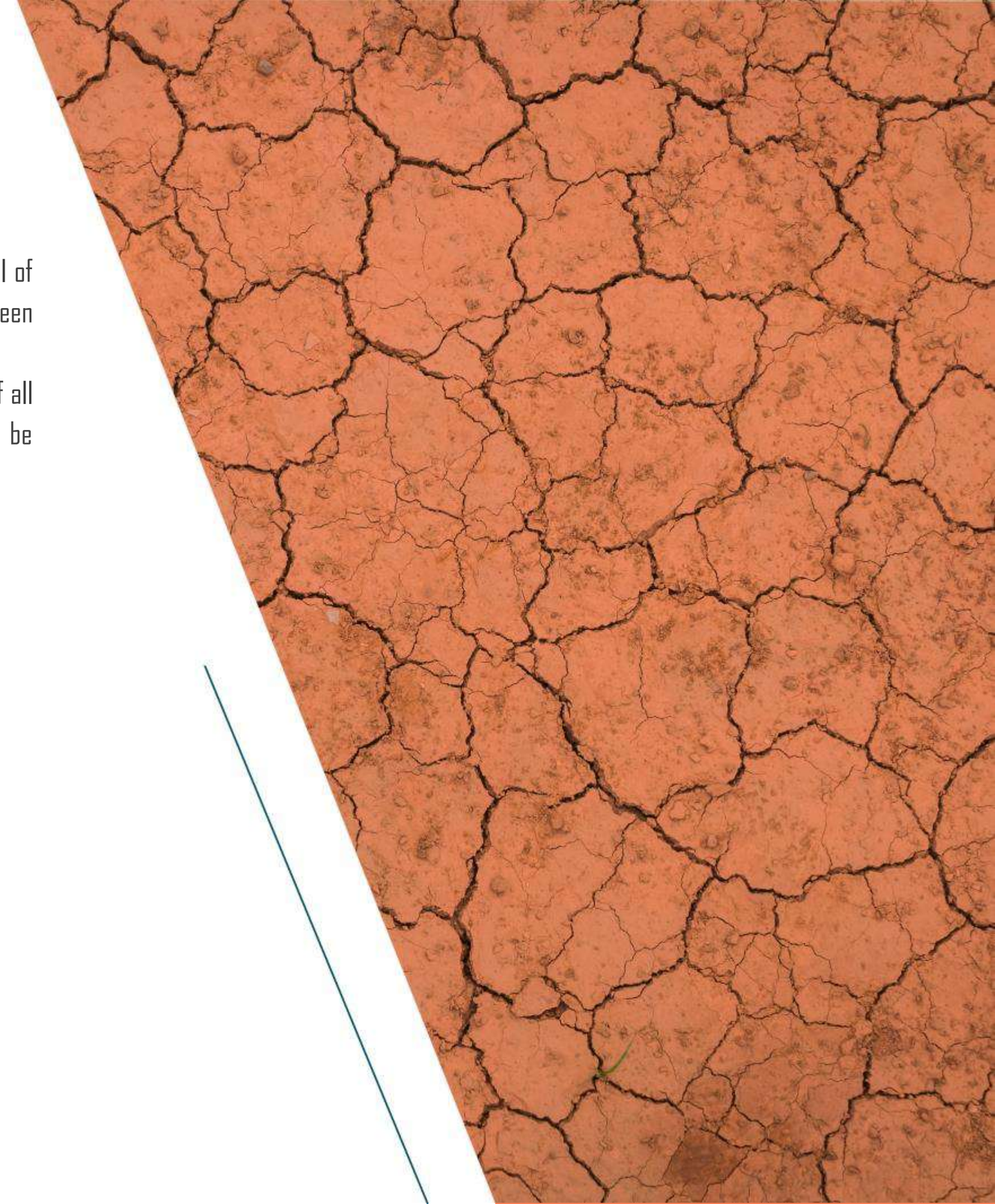
One of the constant issues faced by all construction, are the climatic conditions typical of each place. To achieve a correct adaptation to the environment, the interaction between construction and environment must be harmonious.
In order to achieve sustainable development, the module focuses on making the most of all possible environmental variables, so a study of the main conditions to which it will be subject is carried out.

SOLAR PANELS

WATER GATHERING)

BIOGAS

CALENTADOR
SOLAR



MATERIALS

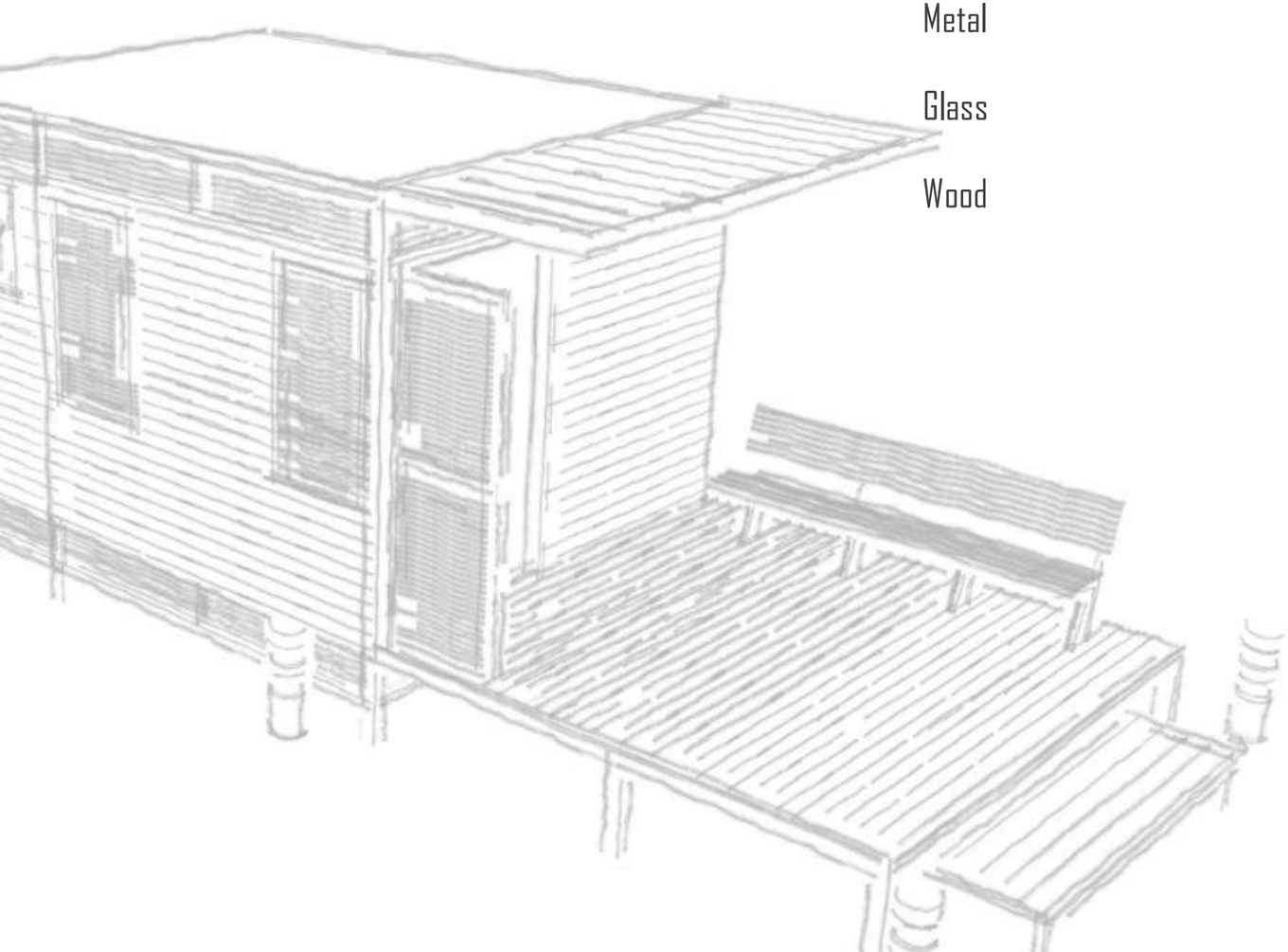
The proposed modular system consists of mostly recycled or recyclable materials such as:

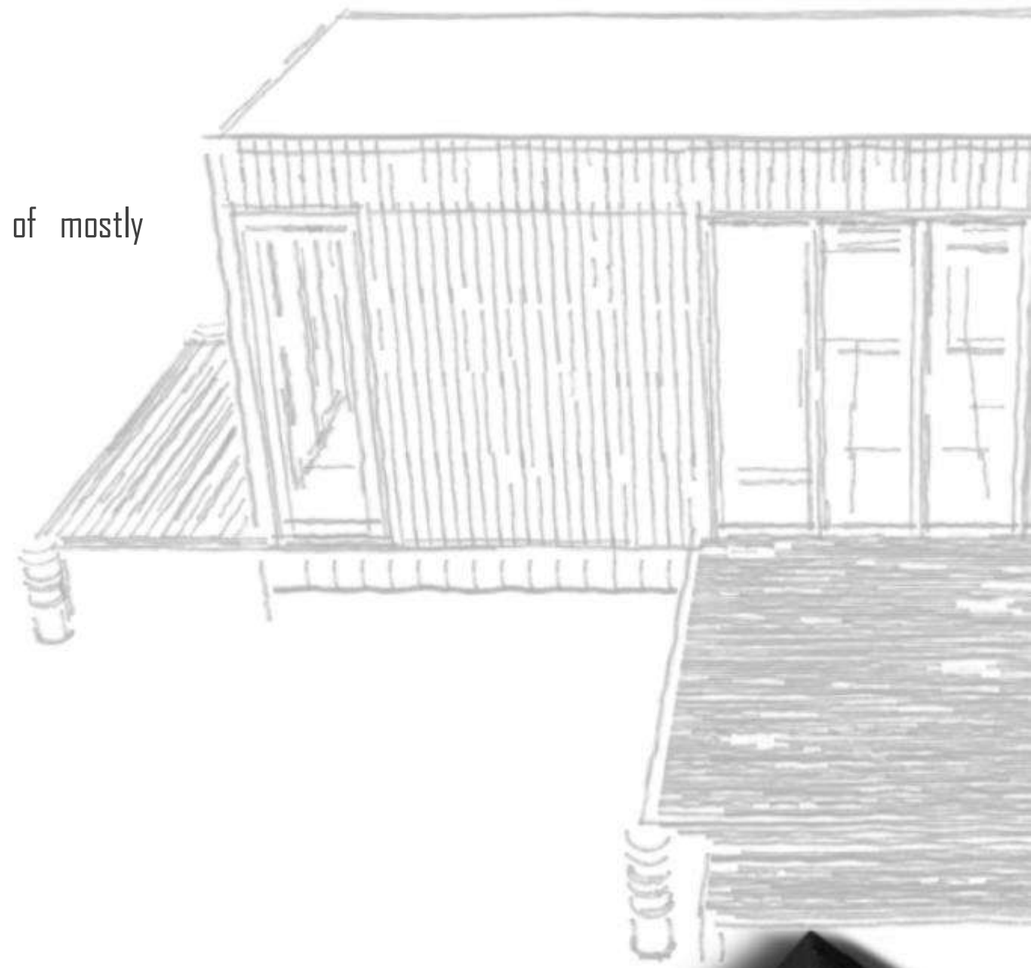
Plastic wood

Metal

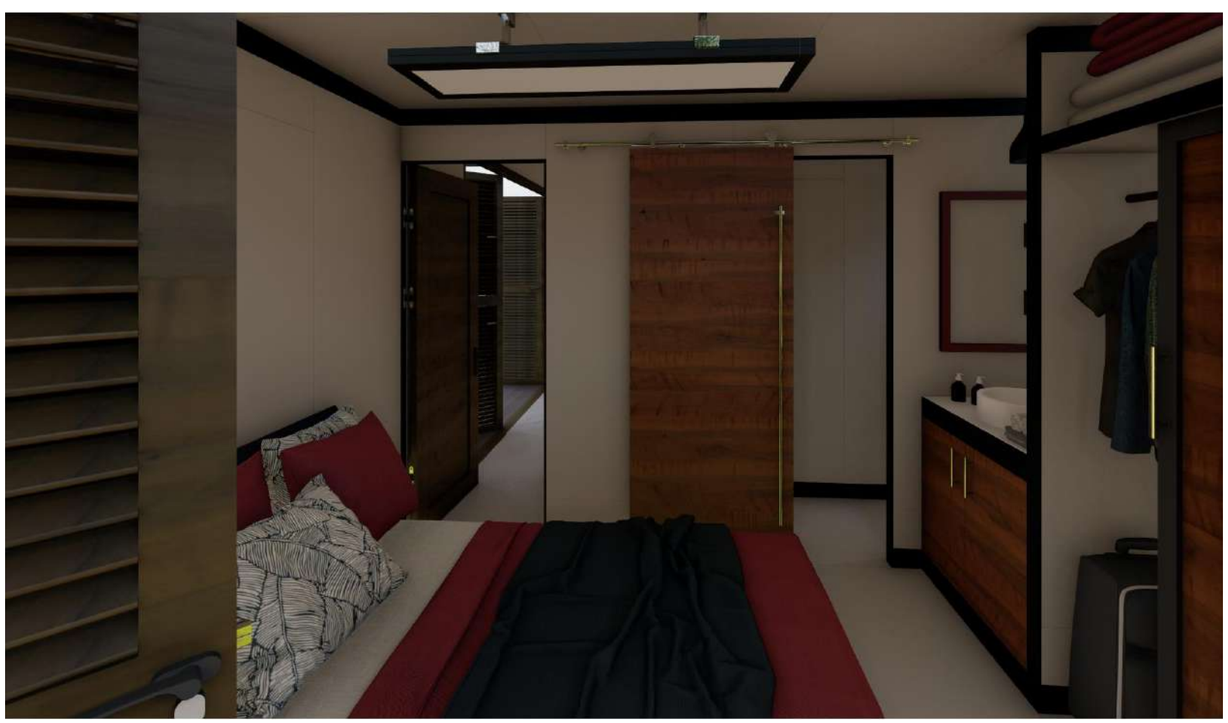
Glass

Wood



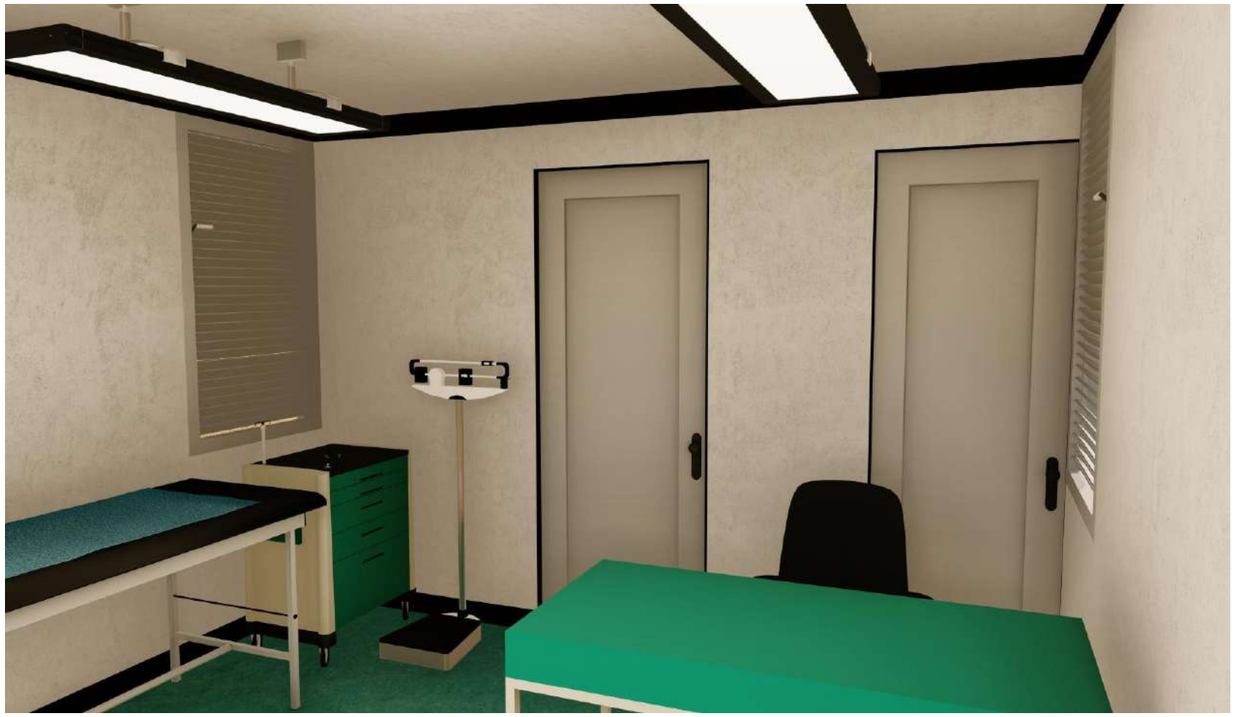



TROPICAL



TEMPERATE


DESERT-LIKE




THANK YOU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