



Technology of prefabricated & easily transported modules for business and individual use «Hologram.House»®

Tallinn 2023



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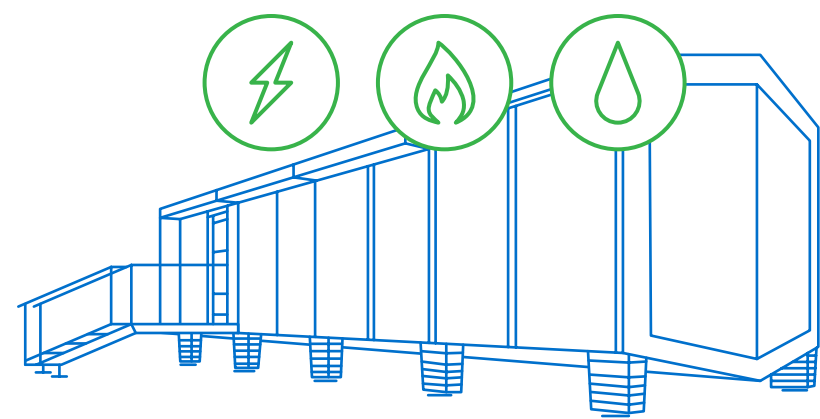
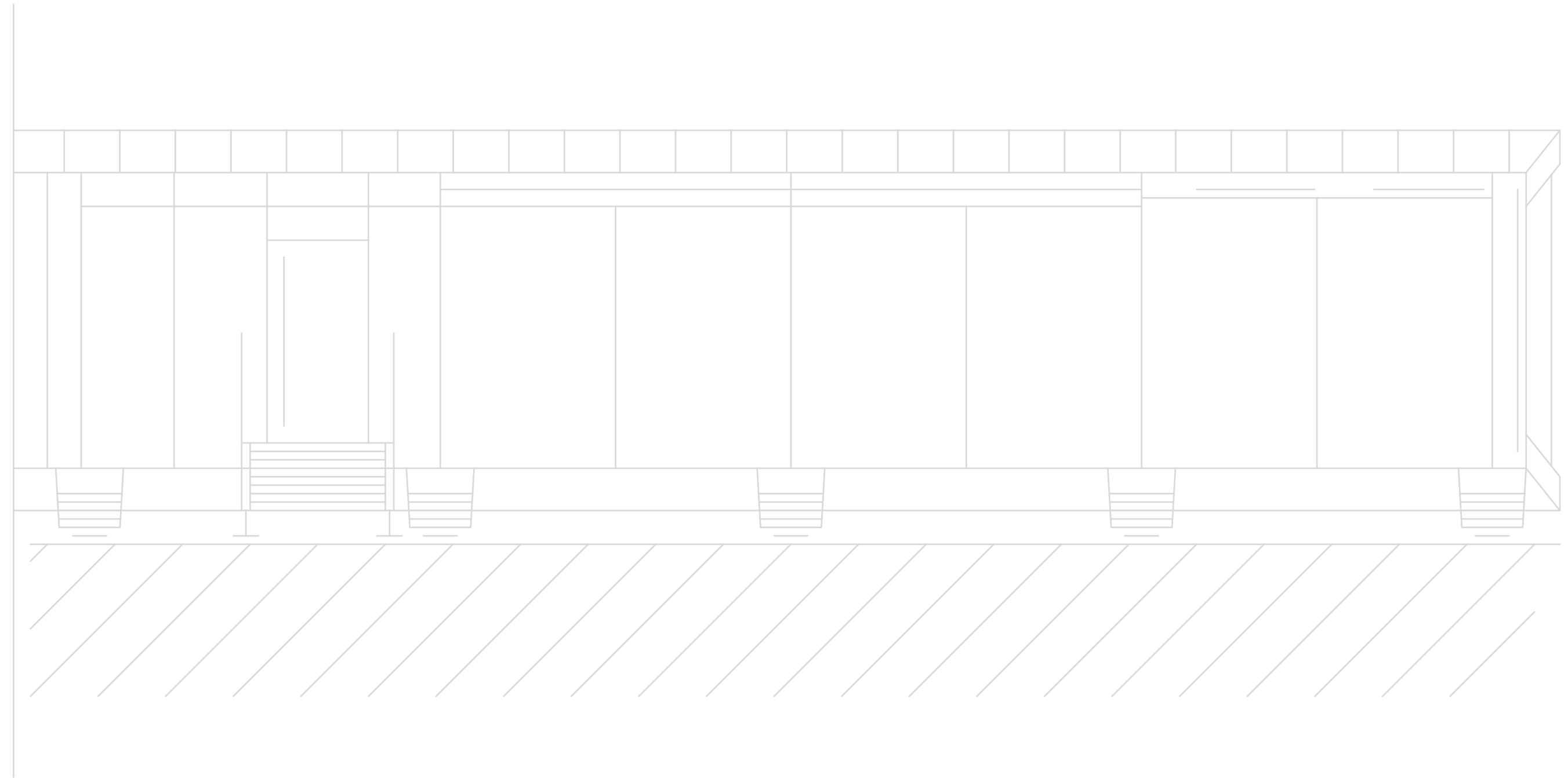
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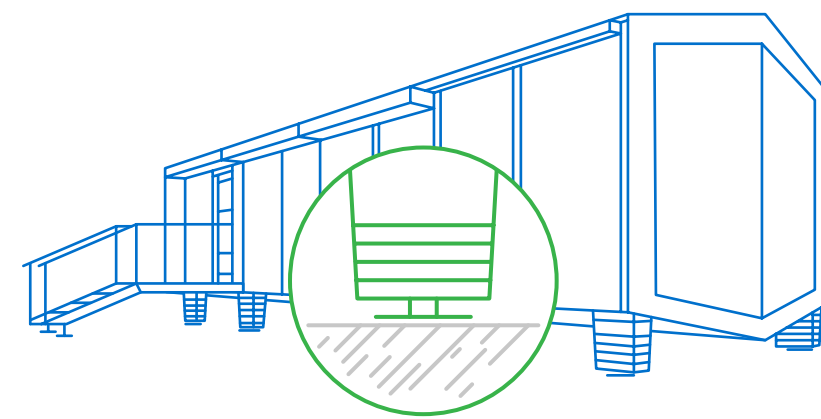
Philosophy behind the scenes

The philosophy under the project Hologram House was to create the first reliable, eco-friendly, sustainable, innovative residential or business Smart House with the following Zero data:



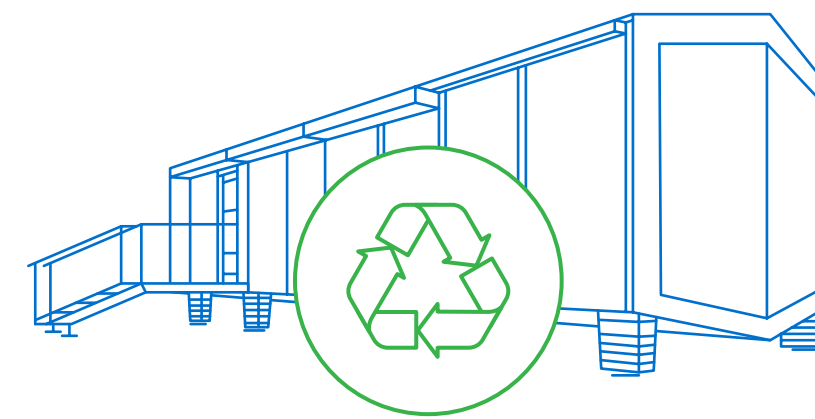
Zero number One

No connection to any centralized system. House produces water and has an autonomous wastewater treatment plant. House produces energy as well as heats itself.



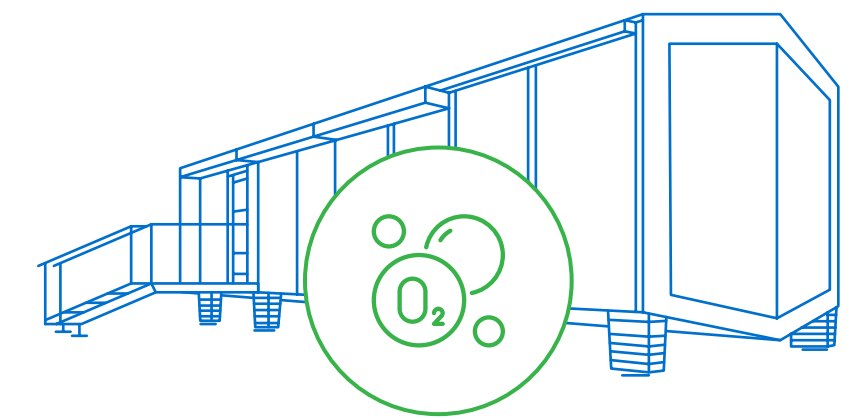
Zero number Two

No digging and foundation work impacting the surrounding landscape and disturbing nature. A unique, based on hydraulic foundation system allows placing the House almost anywhere.



Zero number Three

No waste out from the House. Smart collection and recycling systems turn waste into raw material.



Zero number Four

No CO₂ out from the House. The unique filtration system removes CO₂ from the air.

Overview

Major advantages of the modular **Hologram House®** technology allows you:

- 1) To solve the problem of reduced supply of available accommodations for the business during the peak seasons (December, January in ski resorts and summer months in sea resorts).
- 2) More efficient to use the territory adjacent to the business. On the shore of a lake or on a hillside usually there are too many restrictions to build a capital building, but using the created assembled technology of Hologram House® does not stop of making the dreams come true and enjoy the stay with a magnificent view!
- 3) Intimacy with nature when individually using the House in almost any place. After the removal of quarantine and the opened borders, for travelers from all over the world the issue of available accommodations is especially acute.

That is why our unique product was created, which solves the problem of both - the global accommodation business and people who want unity with nature in a comfortable and unique environment!





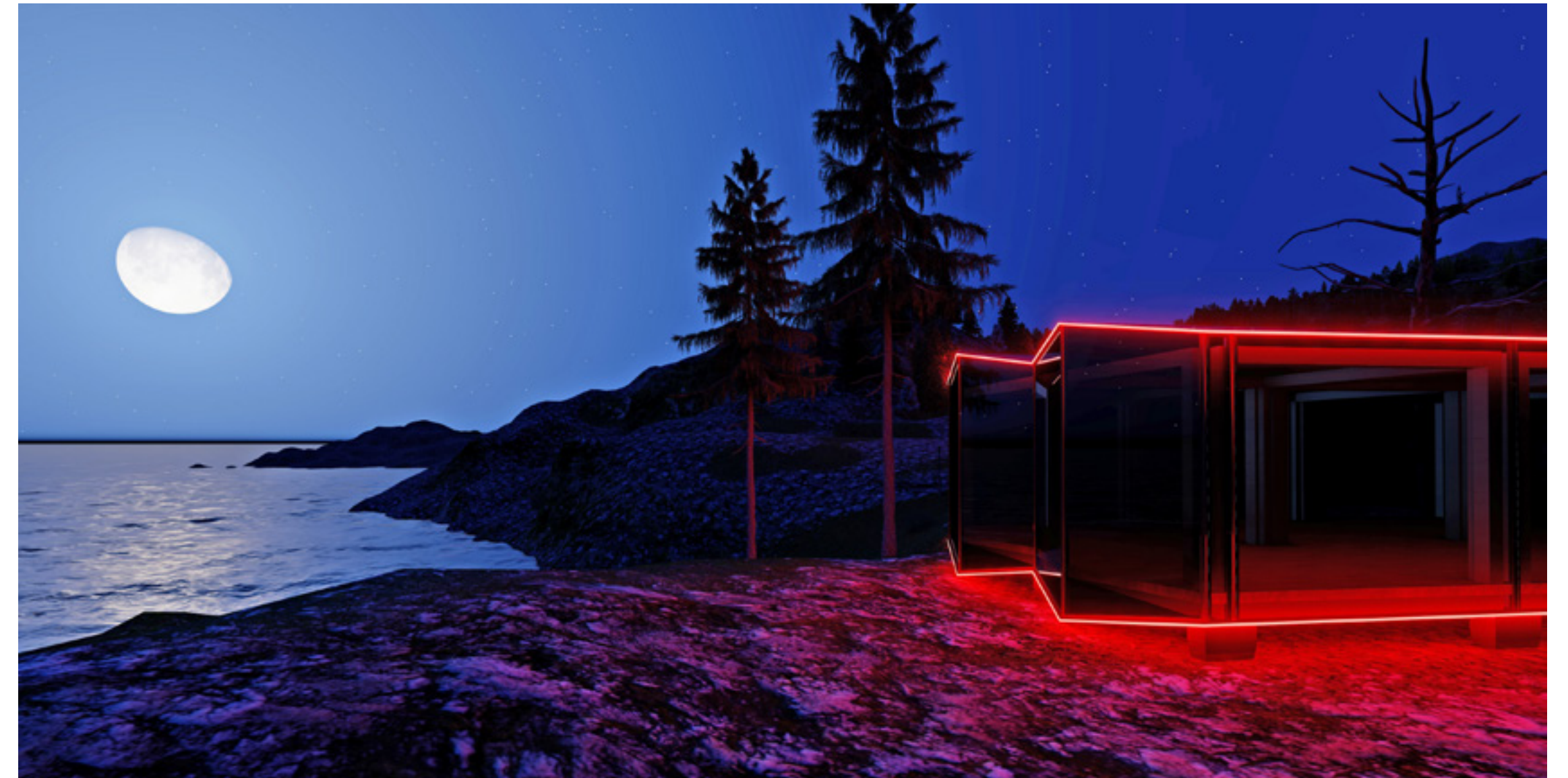
Stylish and sleek design does not contradict the environment. Rather, it complements and becomes a vivid and memorable detail anywhere. Wherever the module is.

Decisions for the design of facades - Glass, Metal and Wood in various designs, shapes, and colors, will be able to look at the exterior harmoniously of almost any business and meet the taste of the most demanding client.

Widespread use of large-leaved glass will give an unforgettable look and feelings of unity with nature.

Welcome to the unique and comfortable environment!

Unique features & advantages



Elegant but tough and durable metal frame.

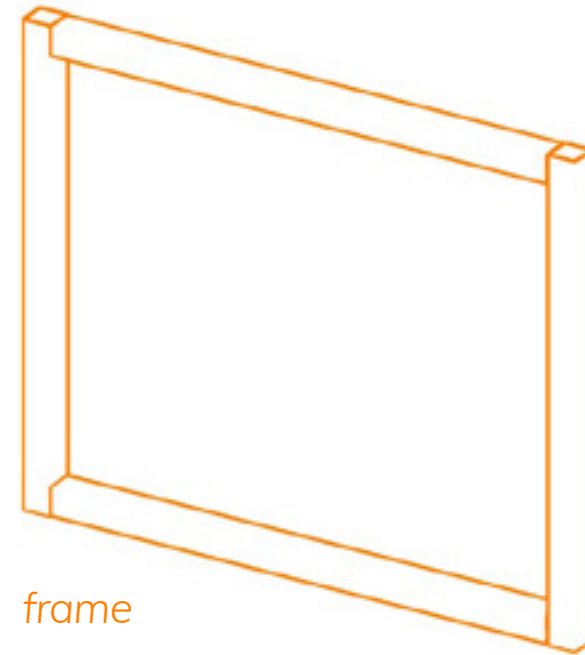
An important feature of the technology is its frame in the form of an exquisite edging that emphasizes the beauty of the content.

Lightness and elegance of the design is achieved by the location of the main bearing element - **the spinal beam** – in the center of the module, a thin edging - at the edge. To the perimeter of the module, the thickness of the border is reduced and we see only a thin, only 150mm thick outline.

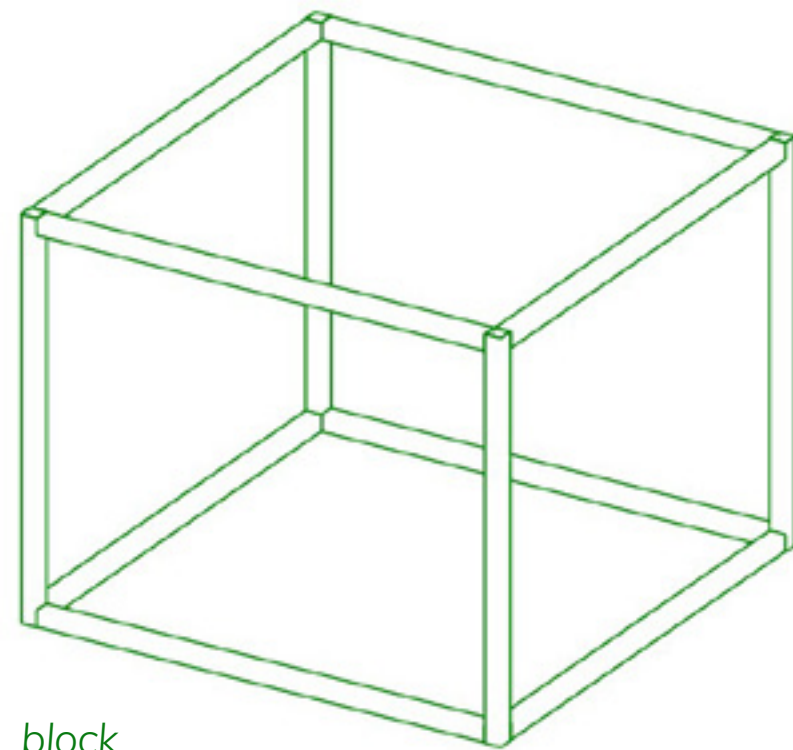
The module edging also contains the main communications, such as pipelines, electrics and ventilation ducts for connecting submodules with variability of connection points.

The module edging insulated and waterproofed.

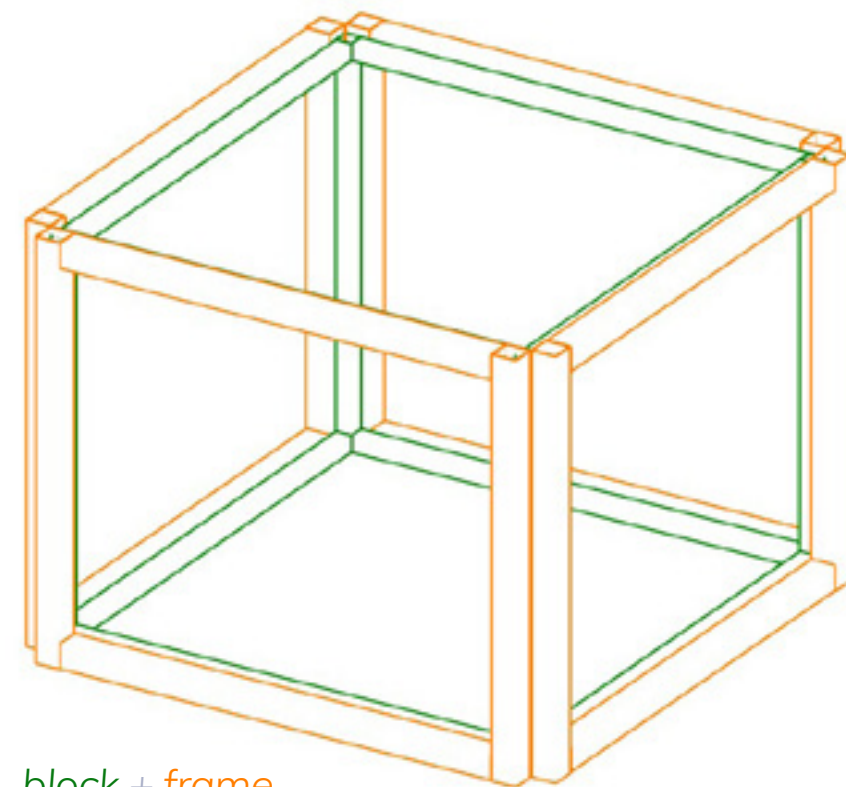
03 / unique features & advantages



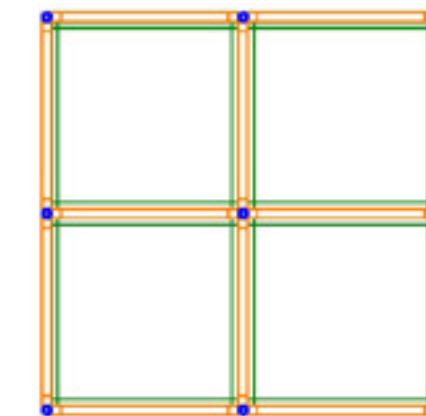
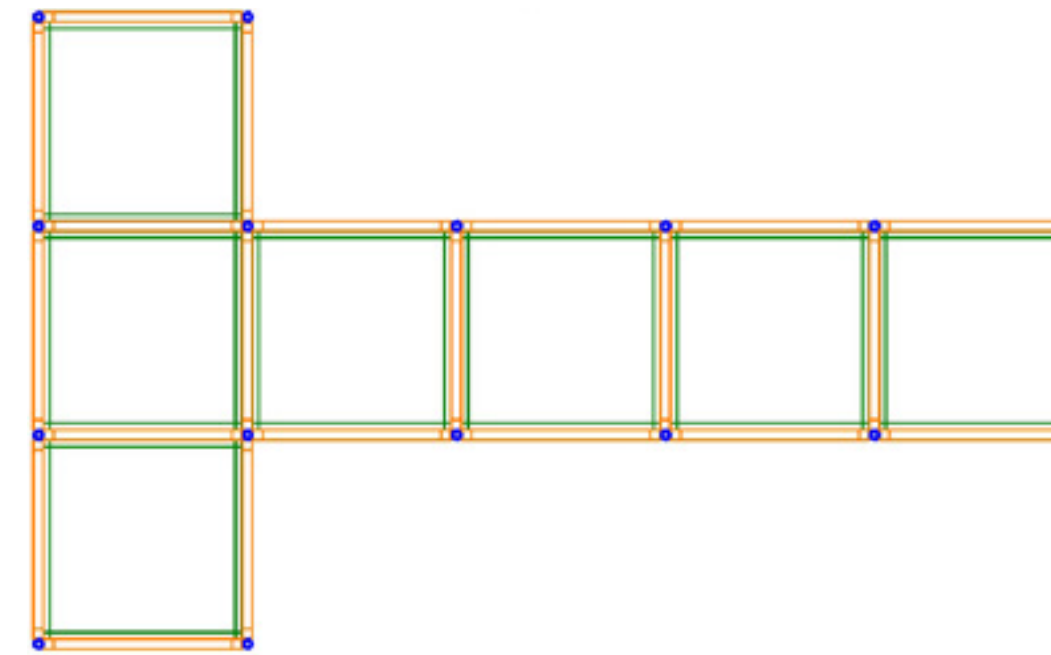
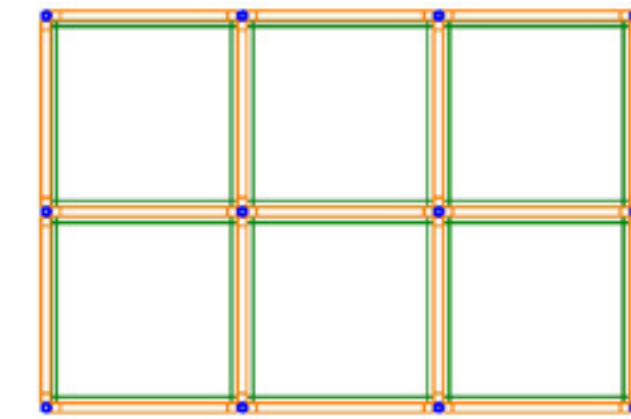
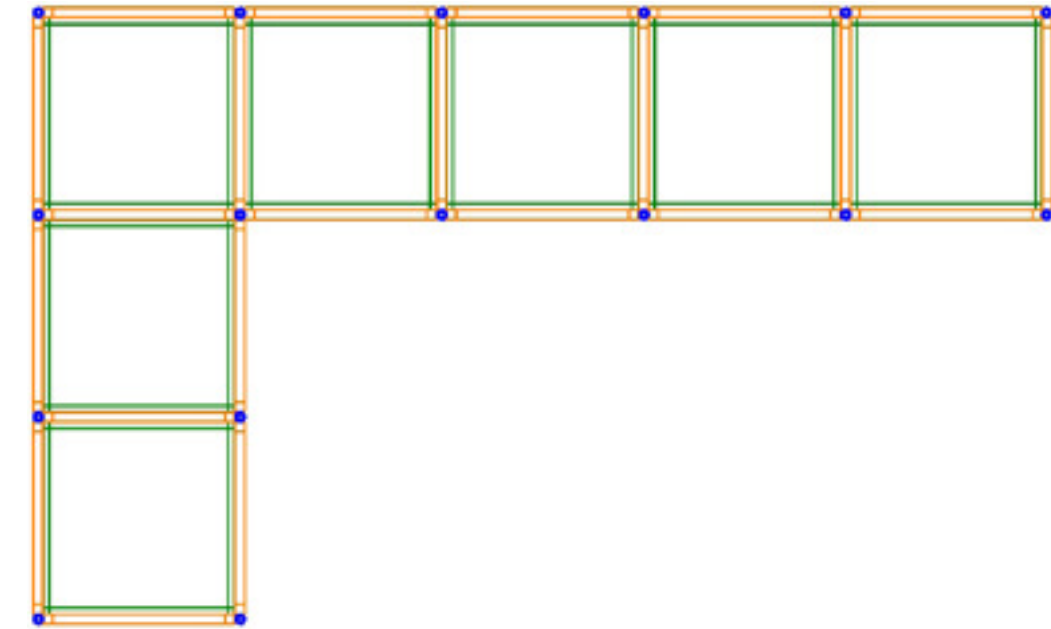
frame



block



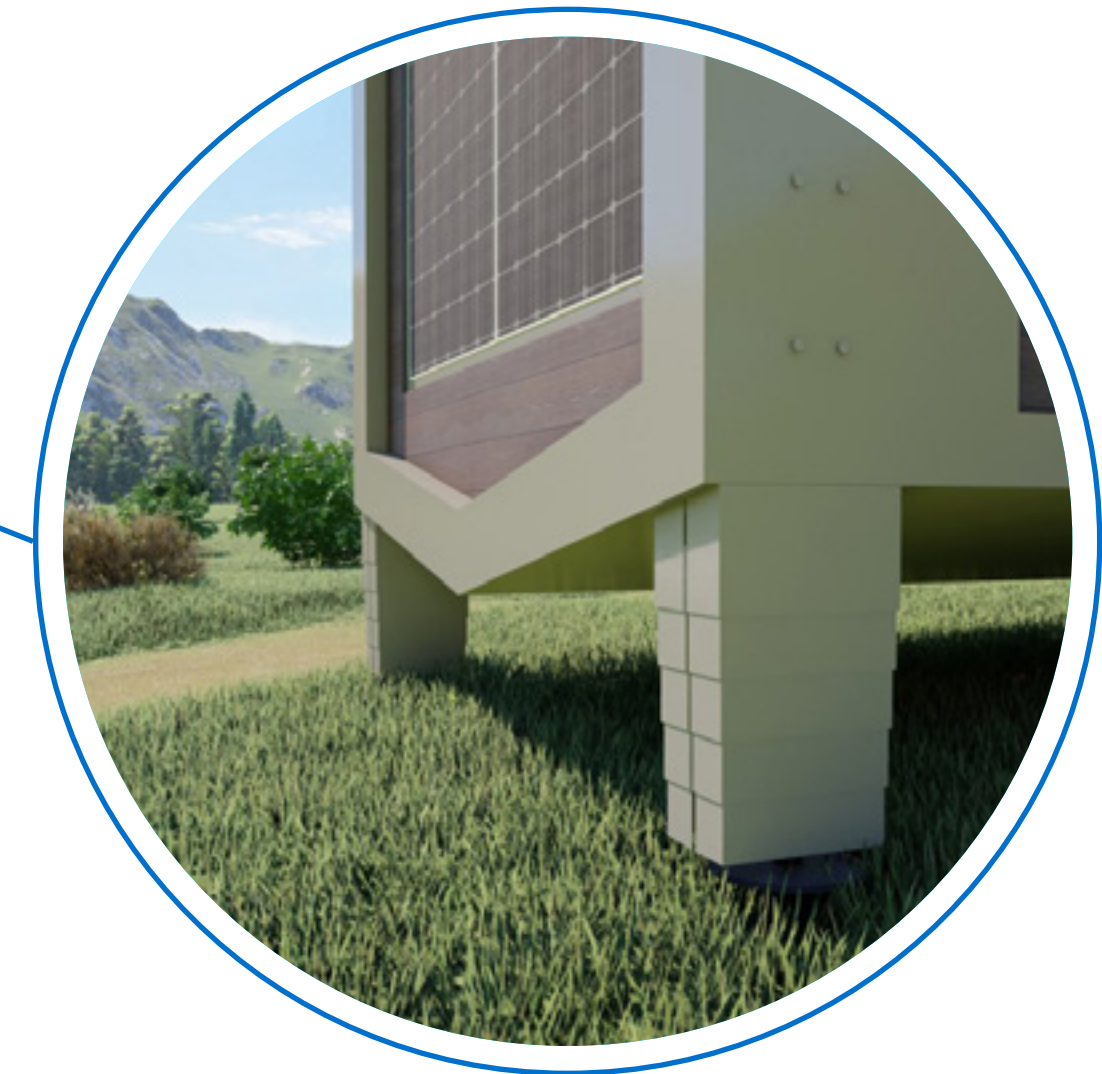
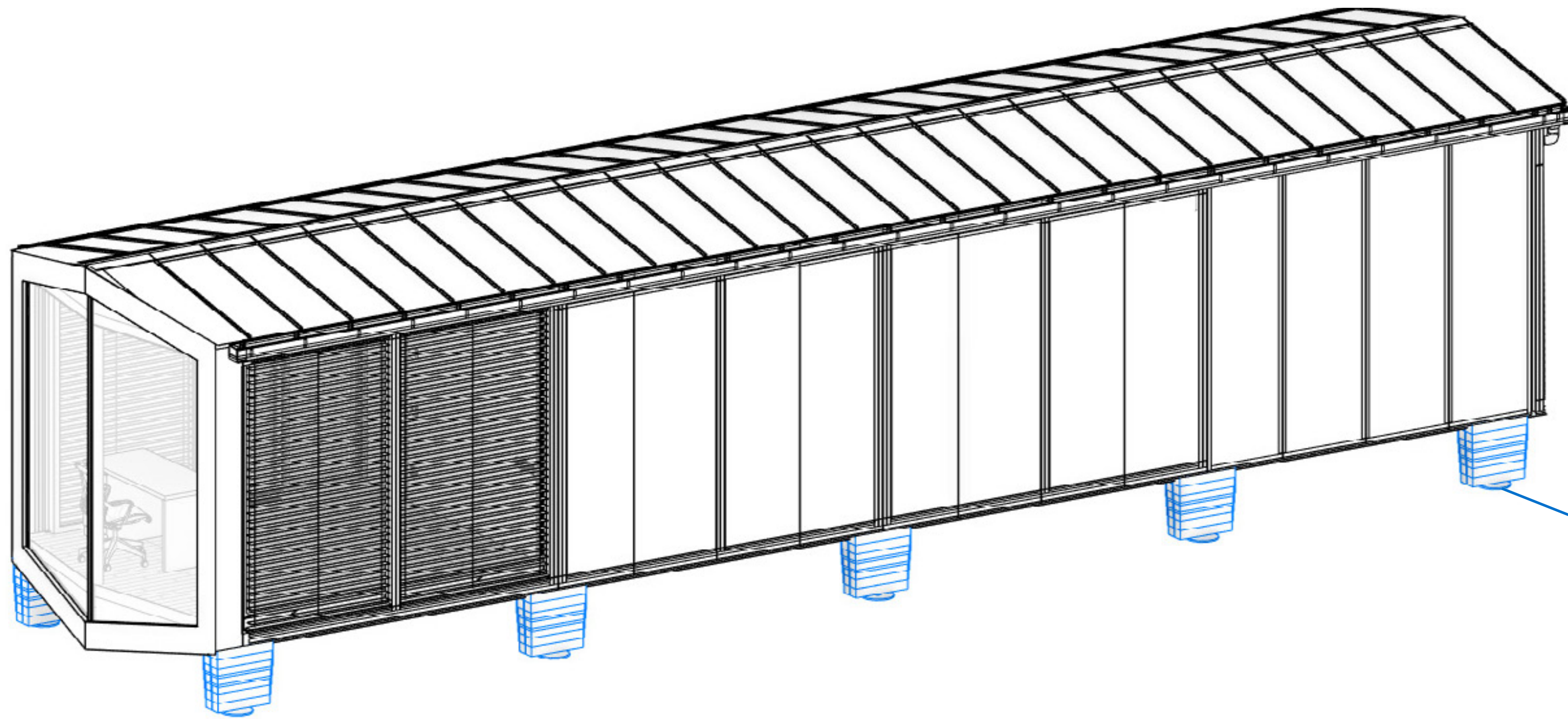
block + frame



Internal mobile **submodules that provide hundreds of unique wide variety.** The circuit can contain submodules of various combinations of design. Inside the external edging of the sizes, mounted in different sequences, which creates a huge module located submodules. They carry the function of organizing variability in the interior design and the exterior of the module.

A submodule is a carcass for finishing materials and facade structures. It can carry constant loads from materials and, with the addition of temporary diagonal ties, submodules can withstand loads during transportation.

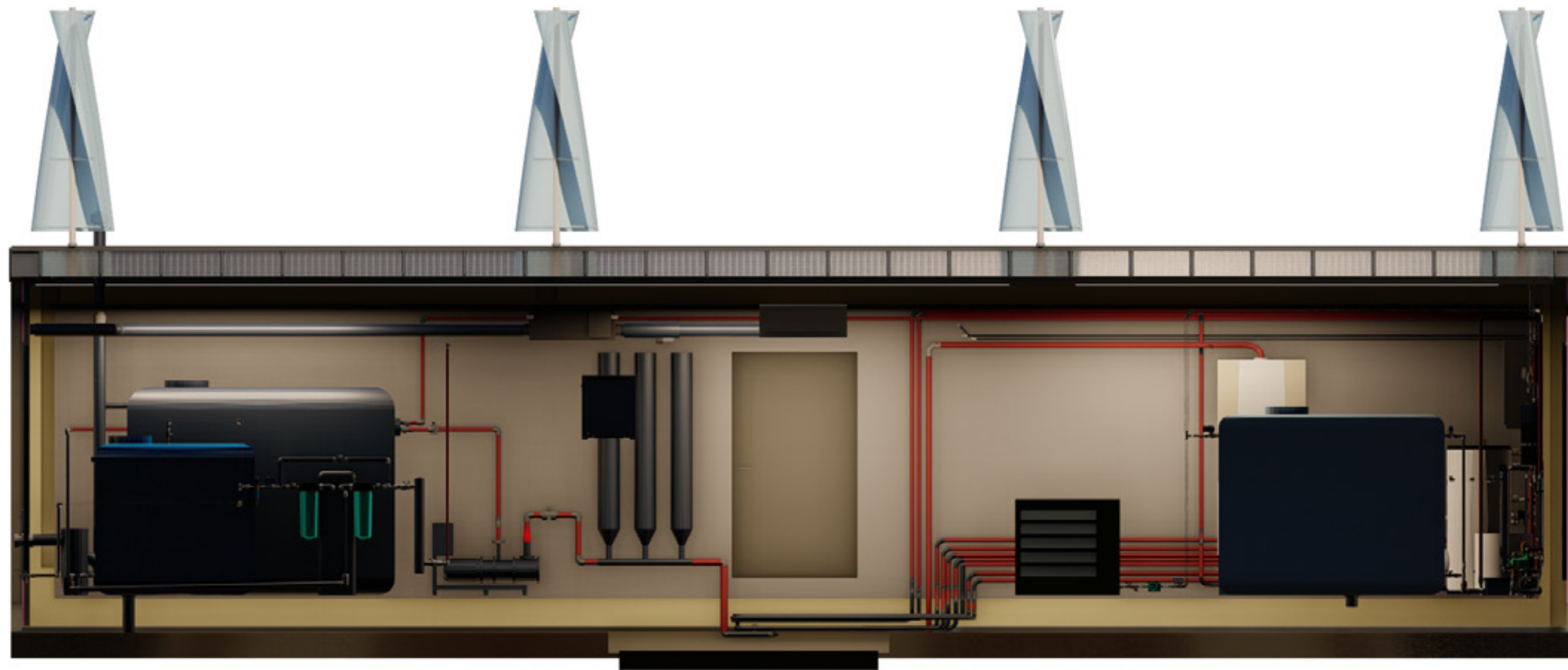
03 / unique features & advantages



Quick installation. The module supports are equipped with built-in hydraulic lifting mechanisms that automatically adjust the module to a horizontal position.

There is no need to prepare the foundations or the surface for the installation of the **Hologram House®**. Installation of the module takes a matter of minutes.

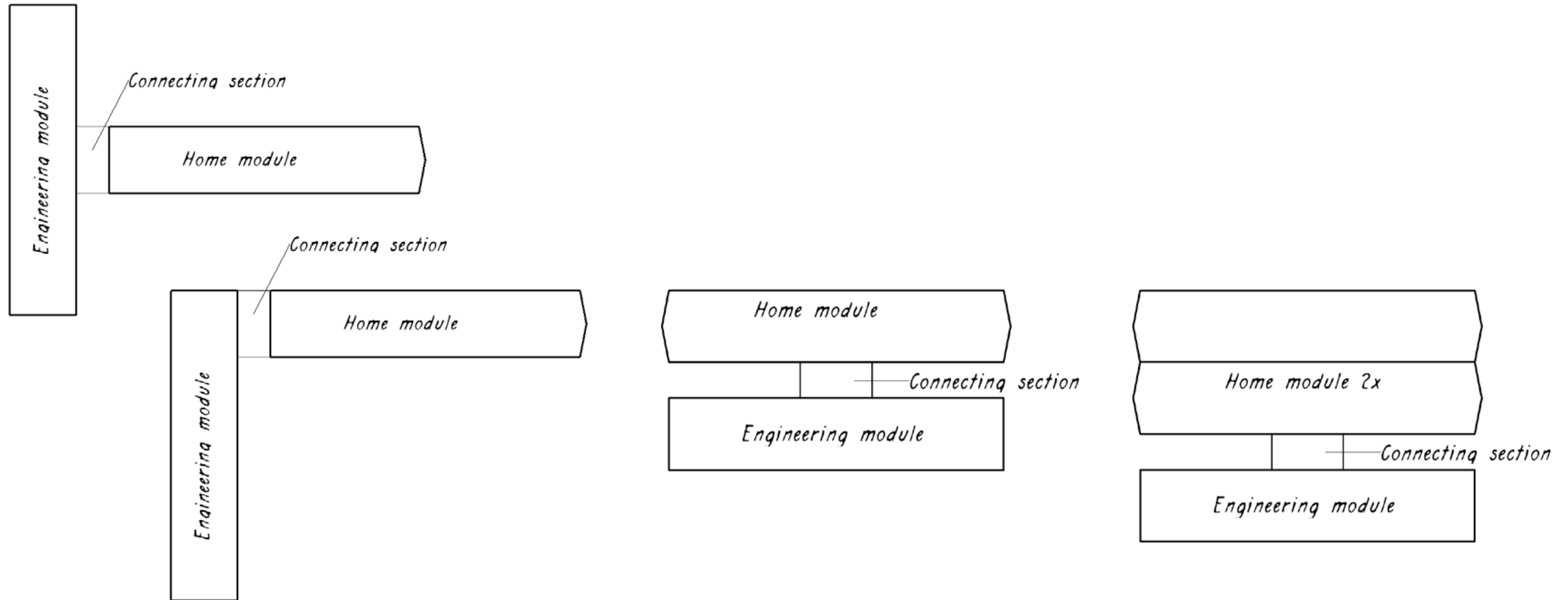
03 / unique features & advantages



Autonomy. A huge advantage of the **Hologram House®** is its autonomy. A technical engineering module is provided with the House as a second independent part of the building for these purposes.

The technical systems, including the drinking water generator, rainwater collector, electrical components, solar panel inverters with power storage systems, wastewater treatment plant, toilet vacuum pump, grey water cleaning system, and drinking/grey water tanks, are installed inside the engineering module. All the systems work simultaneously to provide the full ability to completely autonomous Smart House solution.

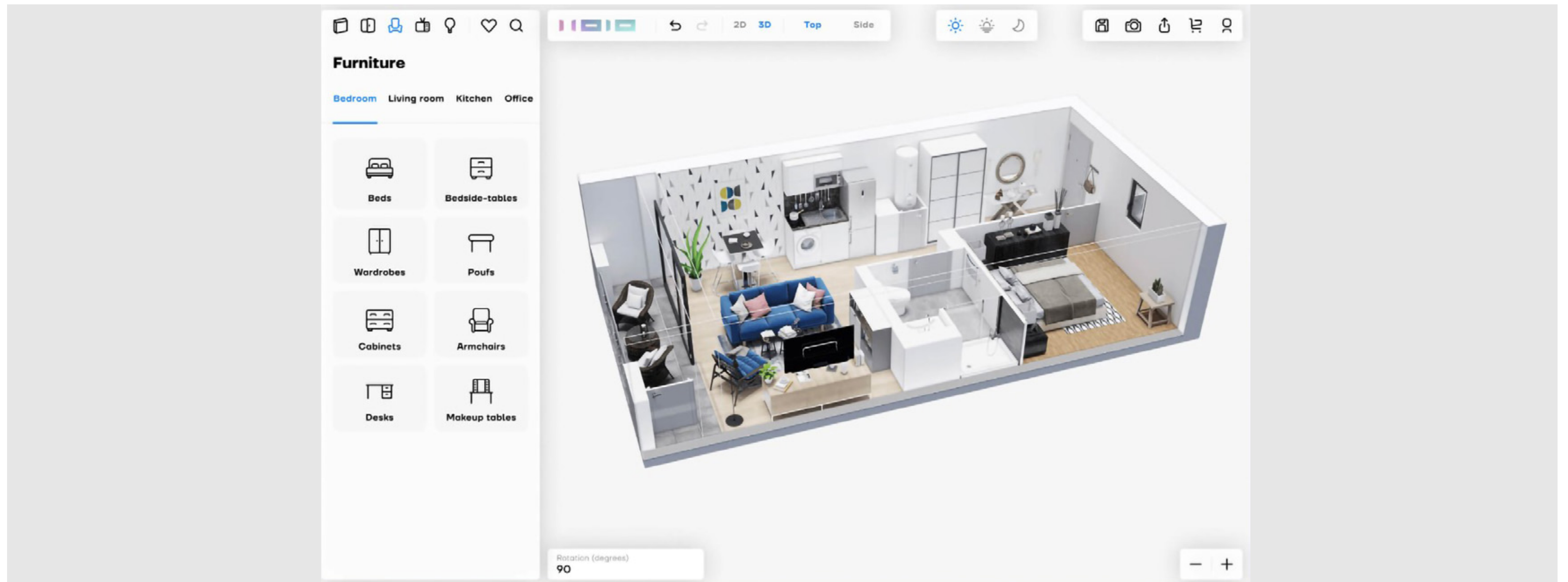
03 / unique features & advantages



The **Hologram House®** technology implies for the use of modules both individually and in various options for arranging the modules among themselves. This is another freedom of variation, which makes it possible to use the modules in the conditions of relaxation of several families or a large company.

Playing with the sizes of submodules and changing the mutual arrangement of modules, the architect or customer has the opportunity to realize any of his desires in the organization of space for relaxation or business!

03 / unique features & advantages



There is a [web planner solution](#) that was created for users to try different options of modules.

Using the web solution, any user can create and simulate a vision of the modules design, filling with a choice of material, furniture, and layout.

Materials & architectural solutions

We have chosen the simplest and most environmentally friendly materials that combine perfectly with each other:

- **Wood**
- **Metal**
- **Glass**

In different colors and combinations, these materials will make it possible to realize the most daring decisions of architects and customer requirements for the design of the exterior and interior of the module.



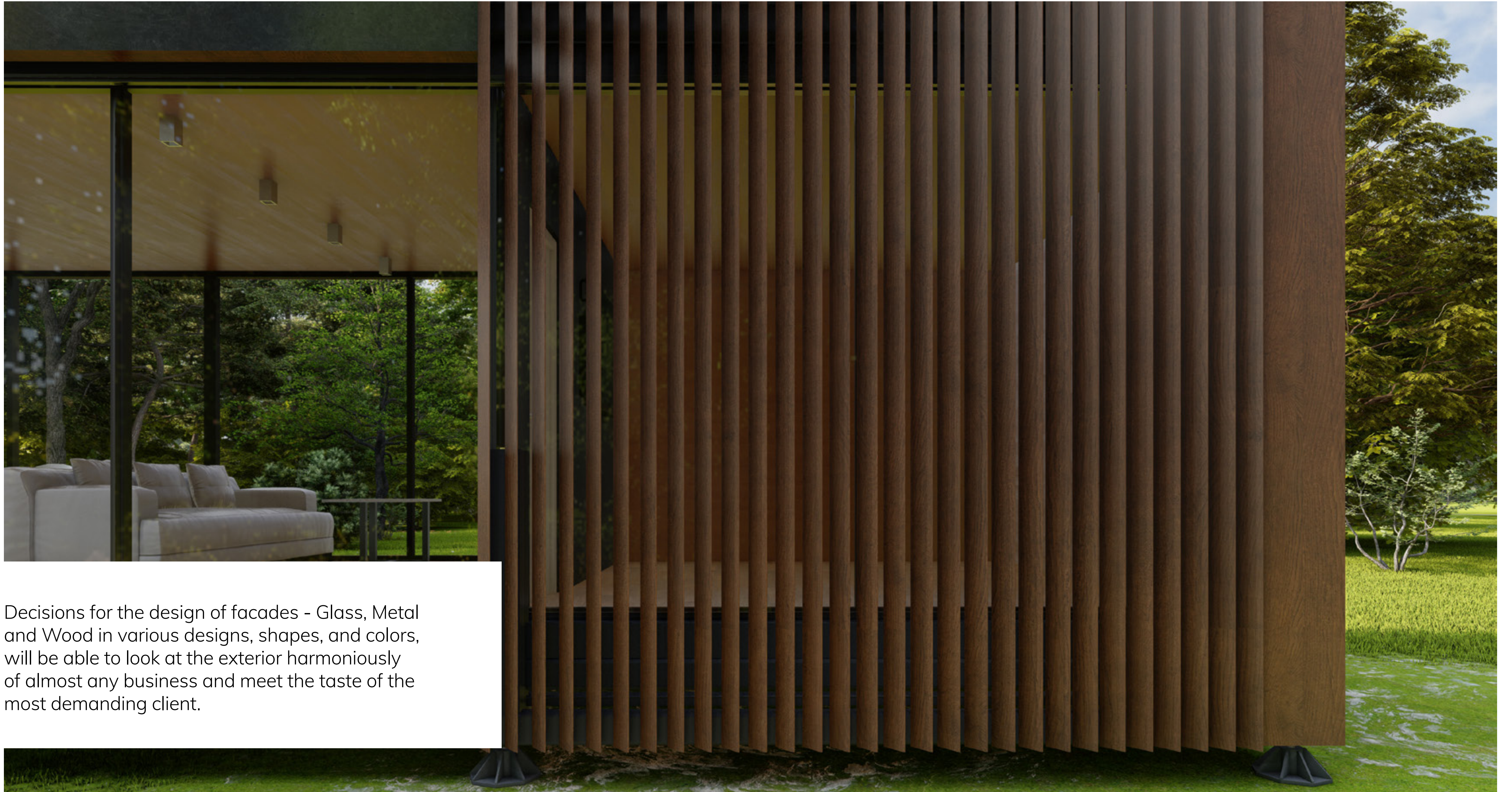
04 / materials & architectural solutions

The names of the business and any inscription at the customer's request can be organically placed on the facades of the modules. This gives another opportunity to emphasize the continuity of the module to the business or the individual style inherent in the customer.



Stylish and sleek design does not contradict the environment. Rather, it complements and becomes a vivid and memorable detail anywhere, wherever the module is.

05 / gallery



Decisions for the design of facades - Glass, Metal and Wood in various designs, shapes, and colors, will be able to look at the exterior harmoniously of almost any business and meet the taste of the most demanding client.



Anyone can bring the module to the most remote place on earth and be sure to spend time comfortably during vacations or holidays!

05 / gallery



Widespread use of large-leaved glass will give an unforgettable look and feelings of unity with nature.

Welcome to the unique and comfortable environment!

Thank you

Hope you enjoyed this presentation
and our project **Hologram House®**

We appreciate your great attitude
toward the project

We have created this unique technology,
and we are bringing it to life!

We will be glad to see you among our partners
changing the world for the better!

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