



# ALPBAU CATALOG

Impressive Wooden Structures

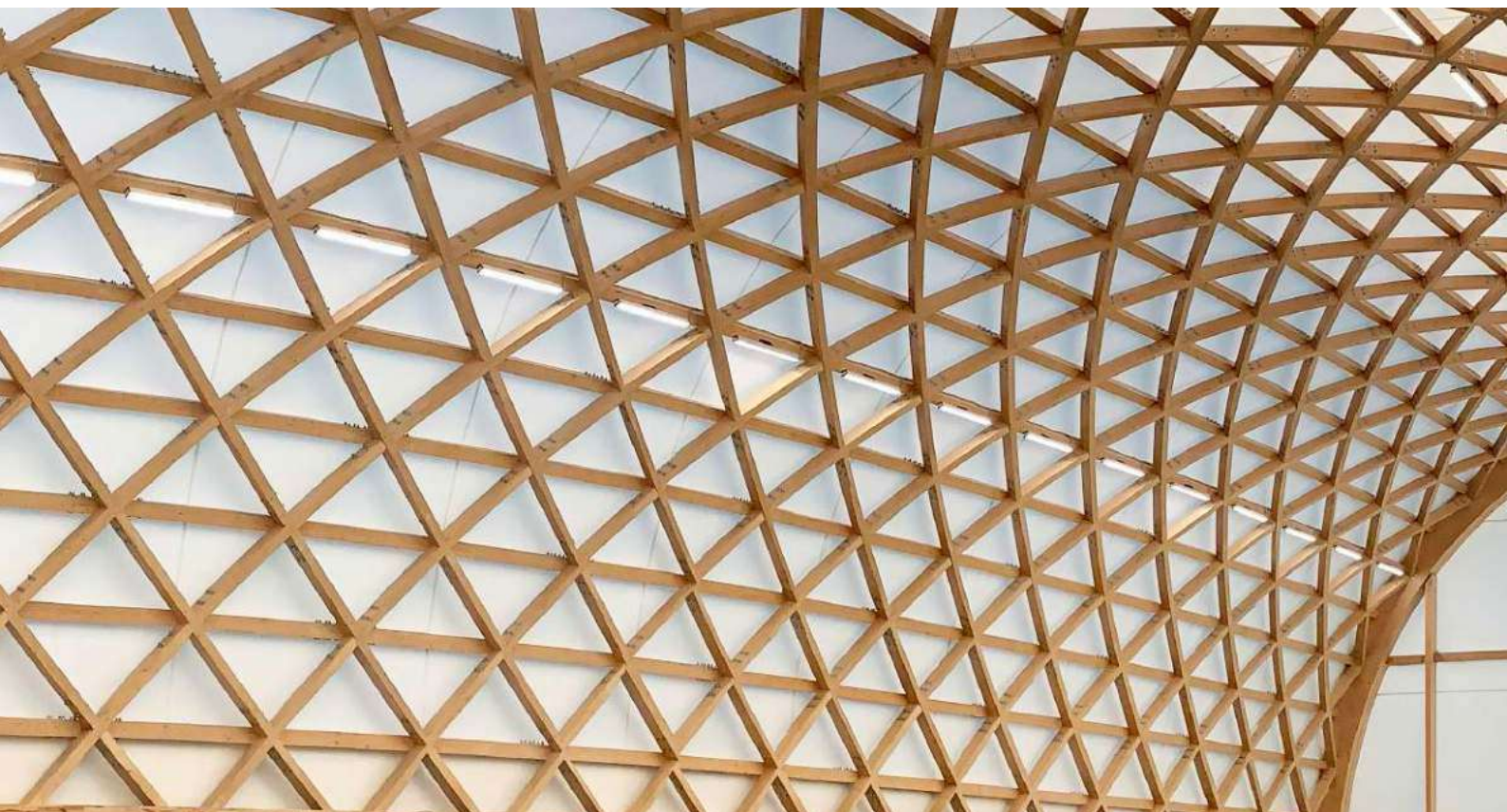




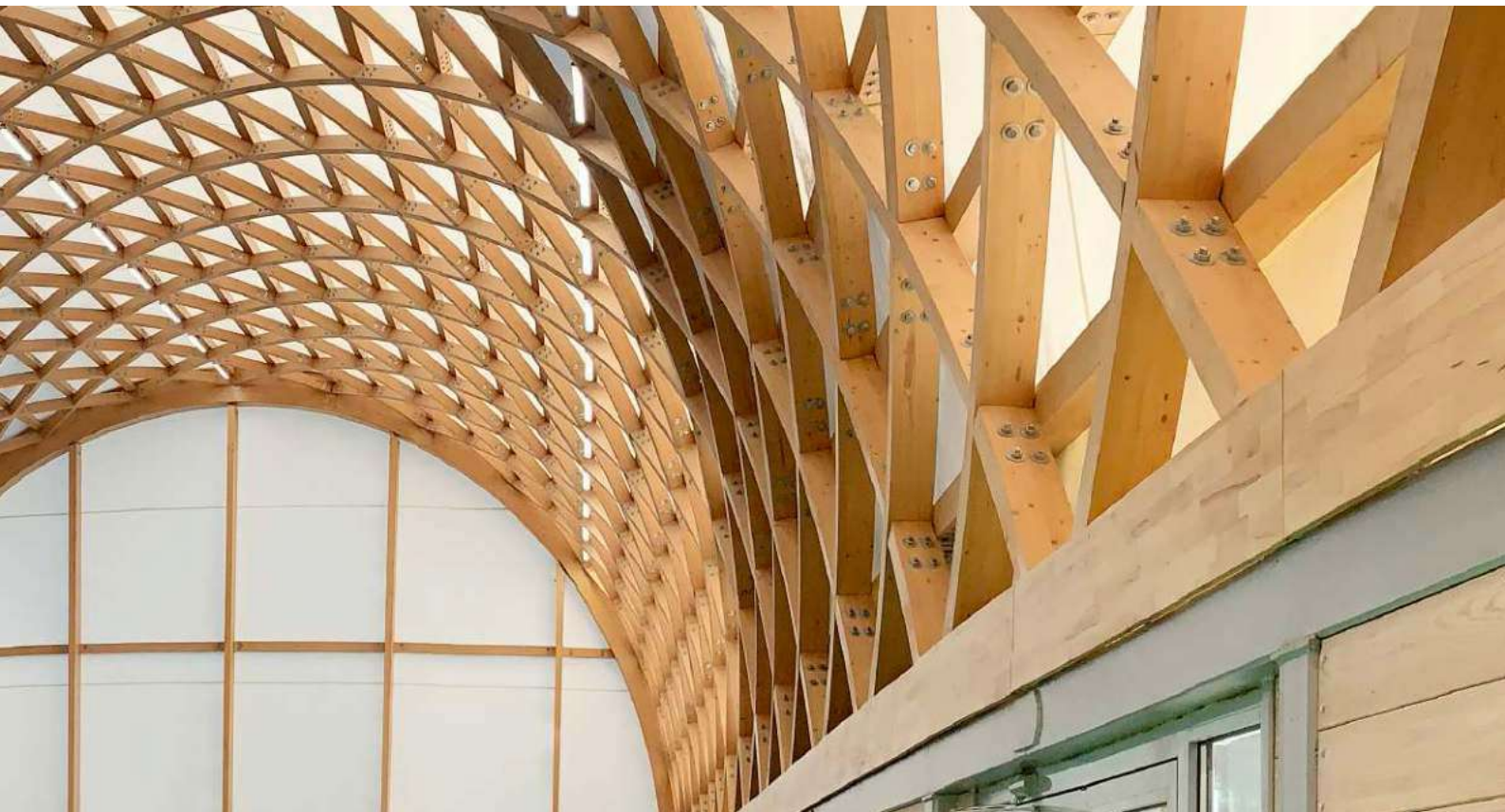
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# About us



Alpbau is an international architecture and construction company specializing in impressive wooden structures and residential construction. We have realized a large number of objects, from small wooden objects to large span buildings and structures for sports and tourism. We are professionals in the field of architectural timber construction. We enjoy working with special geometric shapes and complex structures. All Alpbau objects are individually numbered, which confirms the quality of the company.



## **PROWOOD**

Winners in the nomination  
«Architectural solution»

## **MORE THAN 1000**

Projects around the world  
total area > 15,000 m<sup>2</sup>

## **ARCHIWOOD**

Members of the Wood  
Housing Association

## **WHA**

Members of the Wood  
Housing Association

# Alpbau

## Approach

- ✓ **Modern architecture**  
We combine natural materials and innovative design
- ✓ **Manufacturability**  
We design and manufacture unique high-precision parts and assemblies
- ✓ **We reveal the potential of the wood**  
In each project, we expand the idea of the possibility of using wood as a building material
- ✓ **We work with complex projects**  
We like to solve ambitious tasks and apply innovative solutions
- ✓ **Easy assembly and logistics**  
We design and manufacture parts that are convenient for transportation and easy to assemble





# Bringing Ideas to life

Complies with the highest requirements for the quality **Alpbau** is a member of buliding association the field of design and construction activities. We provide consulting support to the customer at all stages from the idea to the realization, which allows the customer to significantly reduce the timeand financial costs of the project.

We create unique objects that meet all the necessary modern architectural requirements.

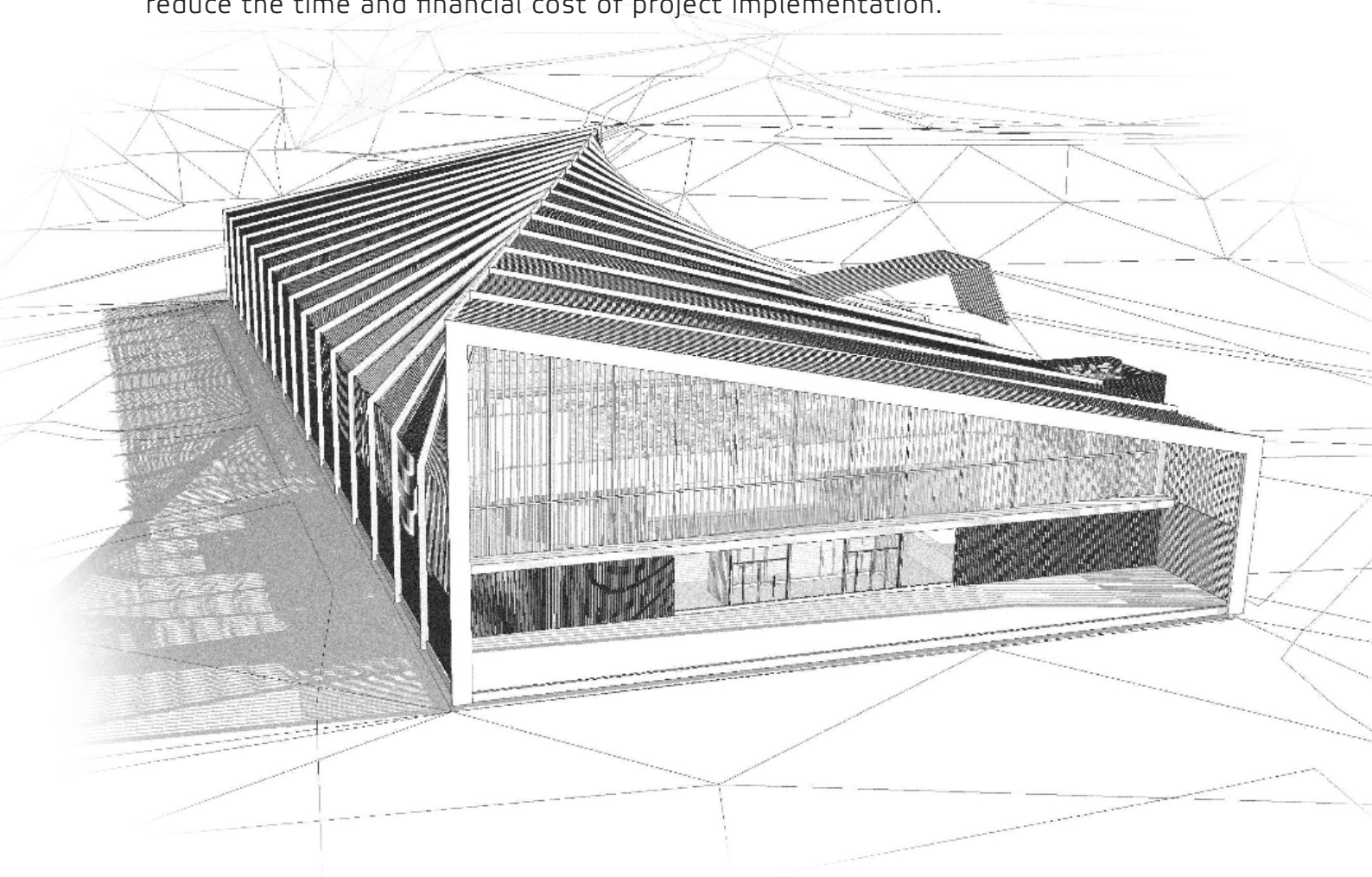




# **Alpbau** offers services for a wide range of architectural projects

- Architectural concept development
- Schematic and detailed design
- Technical expertise
- Full range of general construction and installation works
- Construction warranty service

Our integrated approach to solving the tasks set enables the client to significantly reduce the time and financial cost of project implementation.



# Our advantages

- **Natural form**  
Creating strong and lightweight structures using spherical shapes is a well-established principle in nature
- **Logistics**  
The effectiveness of modular technology for the collection of structures can significantly save on logistics
- **Architectural Elasticity**  
Alpbau Struktura has a very wide range of applications and allows you to assemble structures of any size
- **Wood**  
Wood is a durable, environmentally friendly and renewable building material





# Technologies

**Alpbau** is changing the face of the architectural and construction field. Based on innovative methods of designing and manufacturing high-precision building systems, we offer one of the most optimal architectural and structural solutions - Struktura technology.

The basis of the solution is a patented joint unit for gluelam structures, using high-precision metal connectors and two steel glued sleeves to the ends of the beams.

## Assembled as a constructor

The accuracy of the assembly is achieved thanks to the high-precision. CNC machining of wooden and metal parts, guaranteed high quality assembly. All parts are marked and have a unique number.

We use steel and concrete from a limited amount. Wood is the only renewable building material. What could be more eco-friendly?



Shigeru Ban

The Famous Japanese architect,  
Pritzkerov's Prize Laureate





# Long-span structures

## Alpbau Struktura

01

If architectural attractiveness, impressive size and span are crucial for the functionality of the building, the choice in favor of the **Alpbau Struktura** system is obvious.

02

Alpbau Struktura structures provide architectural flexibility and maximum building functionality. We develop effective and cost-effective solutions for the construction of large and complex structures.

03

Using of the **Alpbau Struktura** system in the construction of buildings will significantly increase the status and attractiveness of the places where they will be built.

04

A team of highly qualified specialists is ready to offer a single source of solutions for the complex support of the project from consultations at the stage of development.





### Public buildings

- Exhibition pavilions
- Restaurants
- Cinemas and concert halls
- Solutions for rooftop lounges
- Roofing and facade solutions for shopping and business centers
- Indoor markets and freestanding shops
- Hangars for aircraft and boats



### Sport structures

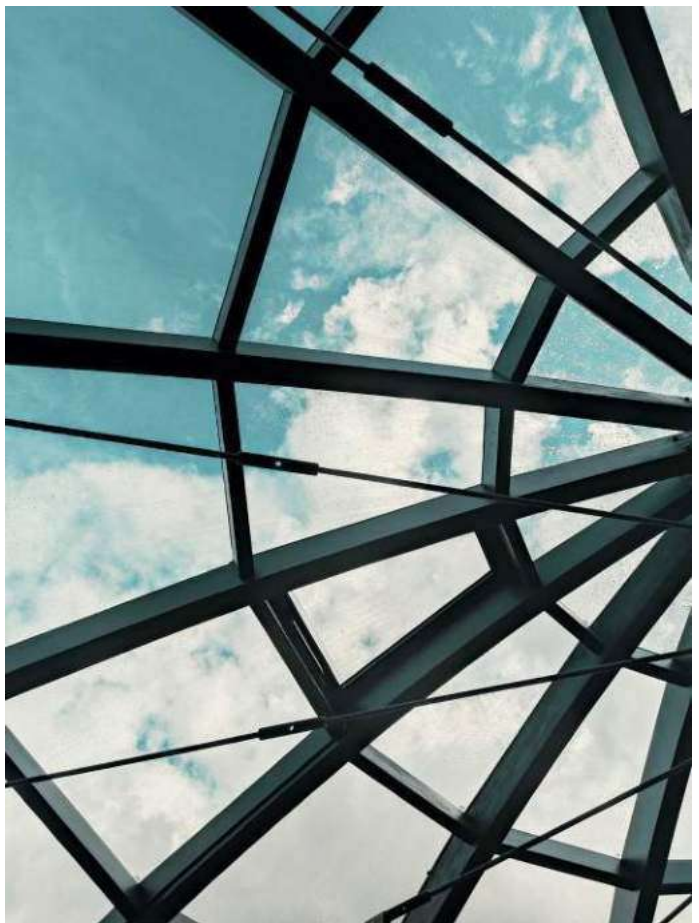
- Multifunctional gyms and arenas
- Tennis courts
- Ice arenas and ice rinks
- Pools
- Cycle tracks
- Horse riding arenas



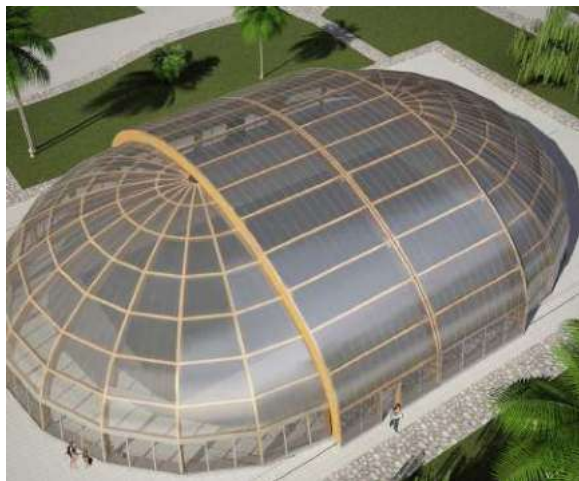
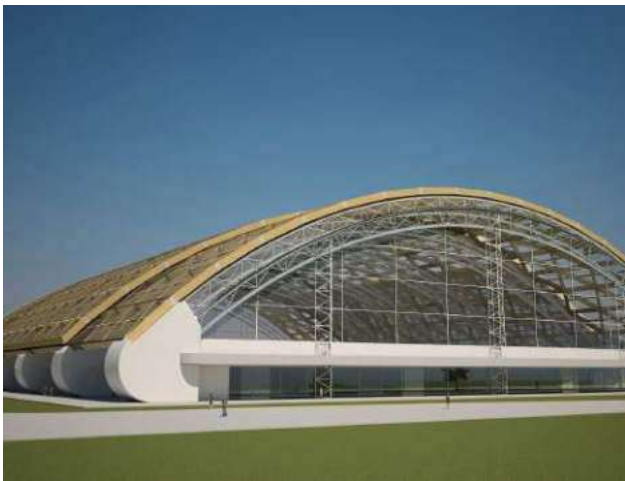


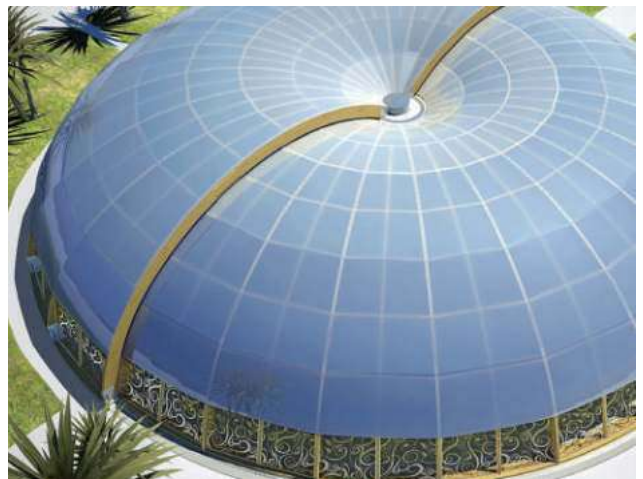
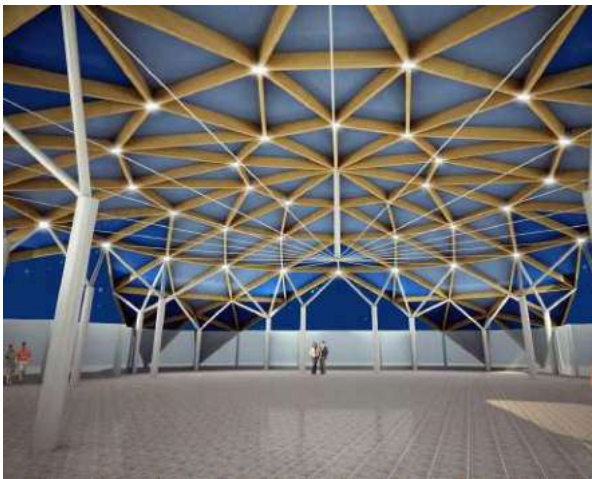






# Ideas and concepts





The Main Export Product

# Quadrosphere®

*Alpbau modular structures*

Having translated the perfect technology from the «big architecture», we developed turnkey solutions for small architectural forms - modular wooden structures:

- Aline of sizes from 5x5 till 13x13 meters
- Full support of the project
- A finished exterior and interior, even in the basic configuration
- The ability to quickly and repeatedly mount / disassemble of the structure
- Ready-made engineering solutions for year-round using
- The ability to dock modules between together



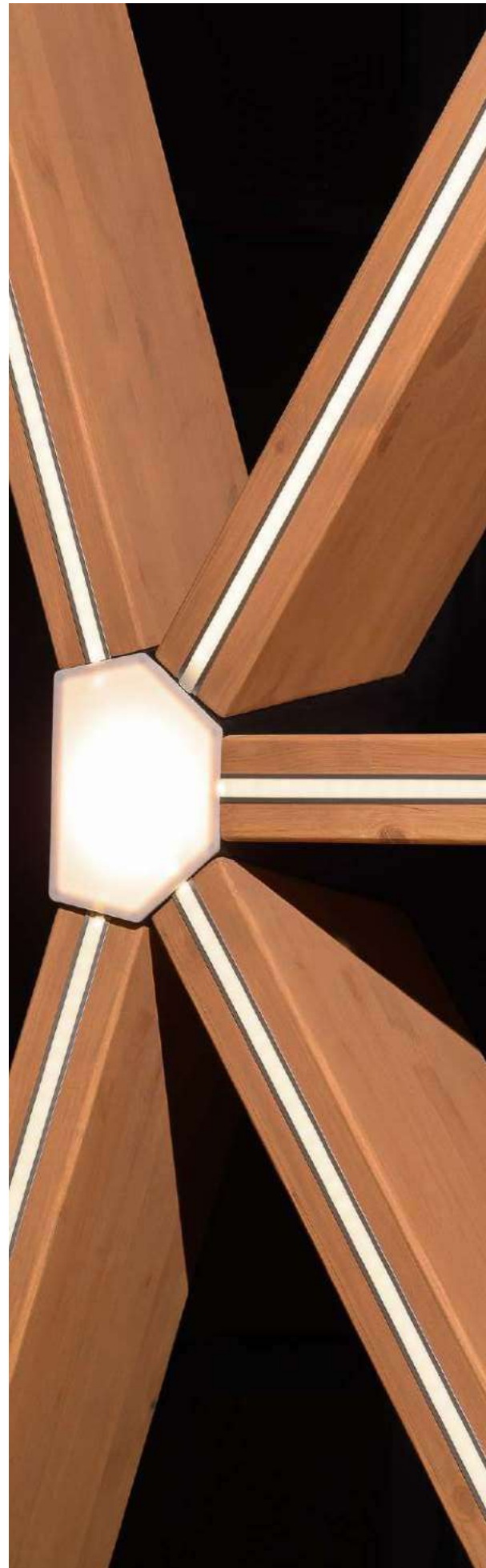
### Scope of application:

- Turnkey solutions for restaurants, cafes, summer verandas
- Exhibition and trade pavilions
- Canopies for sports and playgrounds
- Awnings for cars, aircraft and boats
- Mini hotels and glamping
- Recreation areas in parks

If the event is temporary, the best solution for creating a unique atmosphere is the rental of modular structures [Alpbau Struktura](#)

### Innovative connector

We offer a high quality solution for organizing events and leasing structures. You can become our dealer in your region and purchase Quadrosphere for rent for your clients. This will create a unique atmosphere for future events.

















# Ideas and concepts





# Quadrosphere® Glamping Module

*Quadrosphere® 5×5  
Ready-made glamping module 25 sq.m.*

We present a new glamping quadrosphere with comfortable apartments for living.

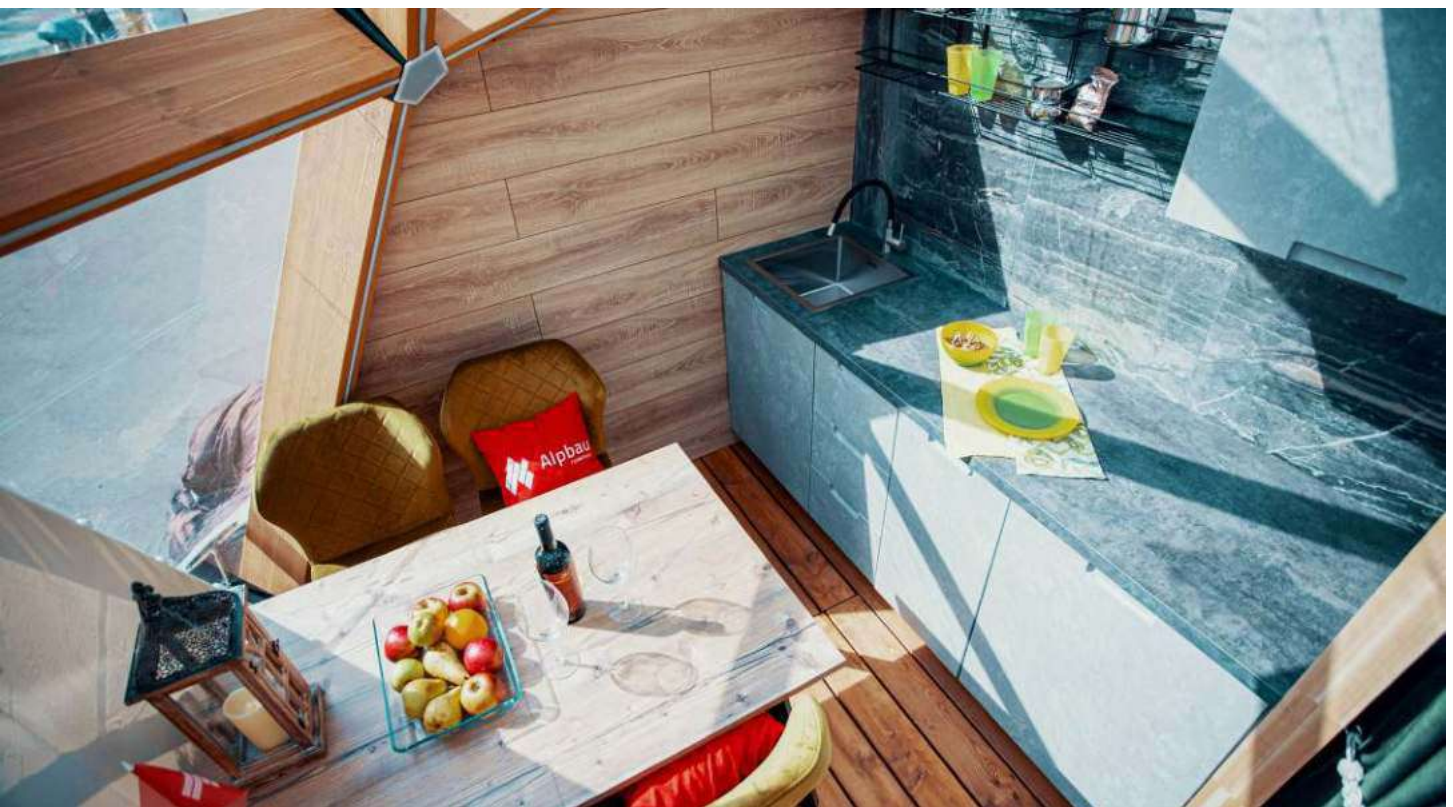
The structure contains:

- Kitchen and dining area
- Spacious bathroom
- Bedroom with panoramic
- Storage system

This catalog contains a sample of the summer version of the glamping module. For a miscalculation of the all-season design, please contact our specialists.







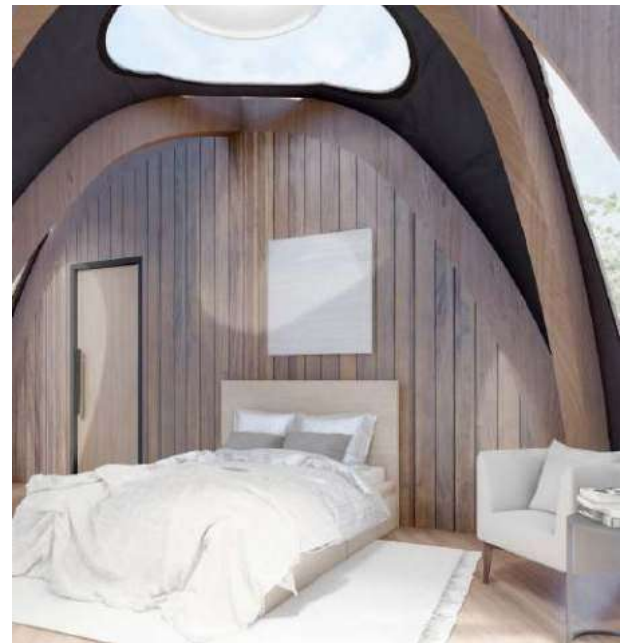
# Glamping structures

Glamping is the direction of ecotourism, which includes a comfortable nature staying with all the elements of a luxury hotel: a bedroom, a kitchen, a bathroom, a lounge area for relaxing panoramic views.

A positive nuance, you live in your own cozy house without neighbors!

The Alpbau team will prepare a design concept for you, adapt the structures to any weather conditions, develop a construction plan and realize your glamping dreams!









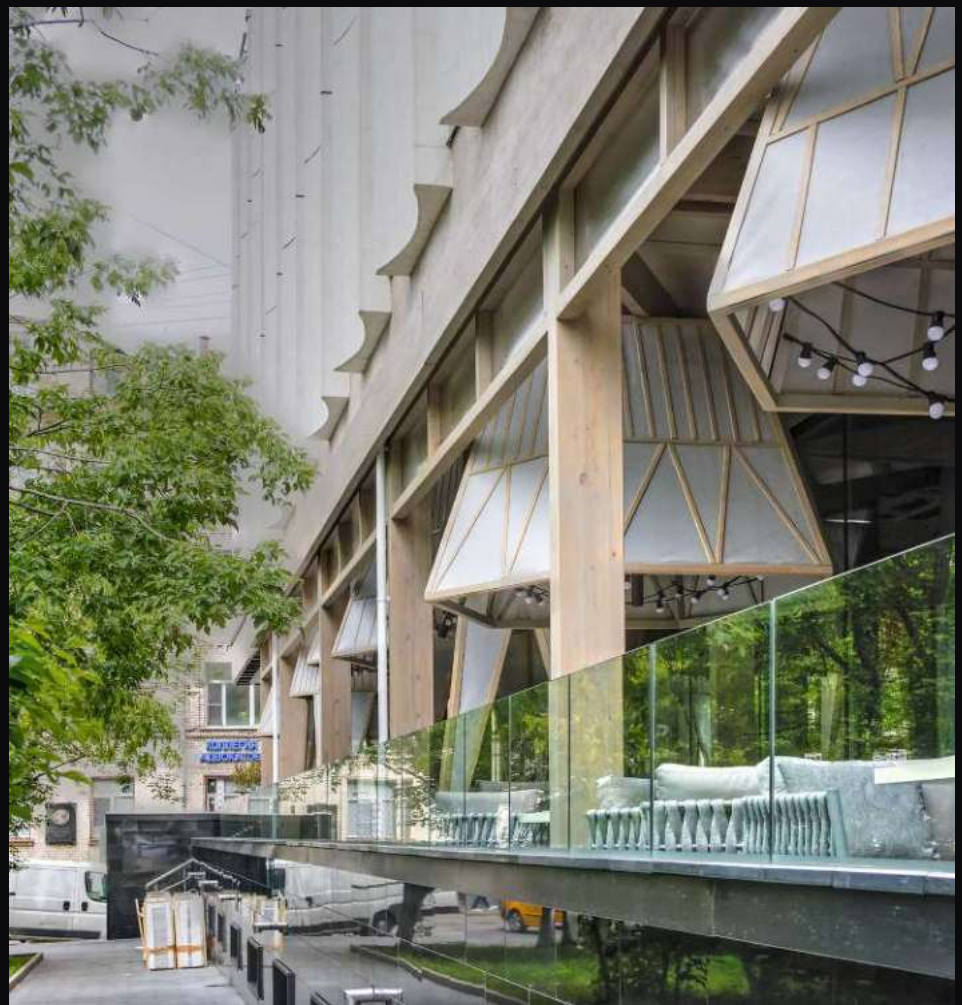
# Pergola

The fast-built wooden canopies. Create an extra and unique space for your business or home.

Suitable for:

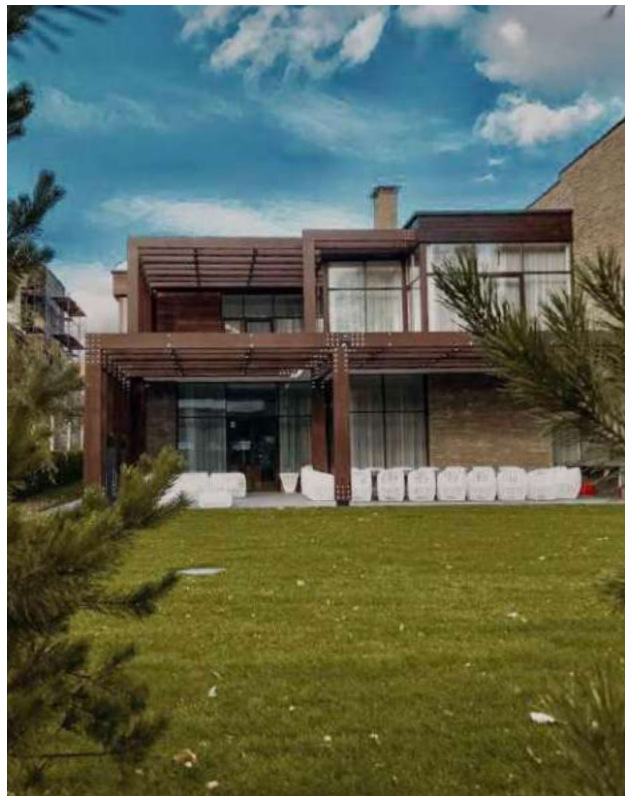
- Mini hotels and glamping
- Recreation areas in parks
- Awnings for cars, aircraft and boats
- Exhibition and trade pavilions
- Canopies for sports and
- Turnkey solutions for restaurants, cafes, summer verandas









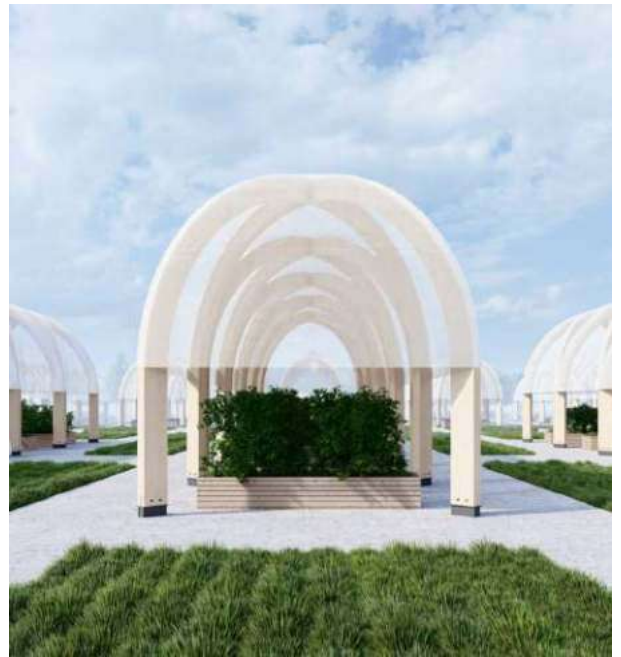






# Ideas and concepts





# Pavilion

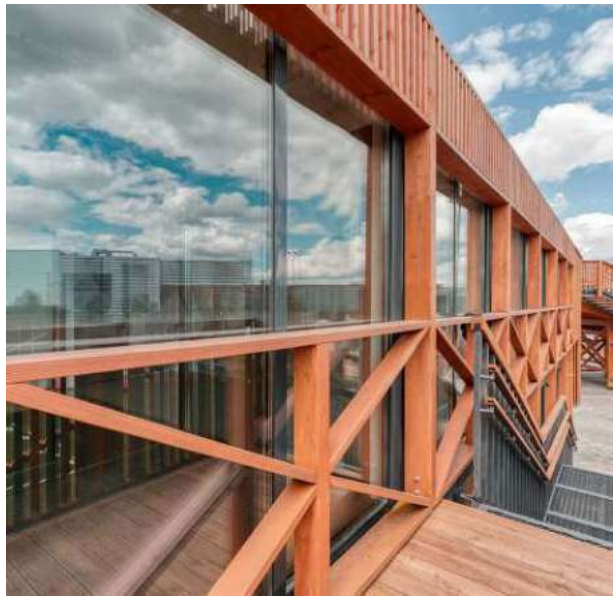
Attractive buildings with unique wooden architecture. Modern design of public buildings with translucent structures.

## Suitable for:

- Restaurants and cafes
- Concert halls
- For shopping and business centers
- Indoor fairs
- Free-standing facilities
- Exhibition



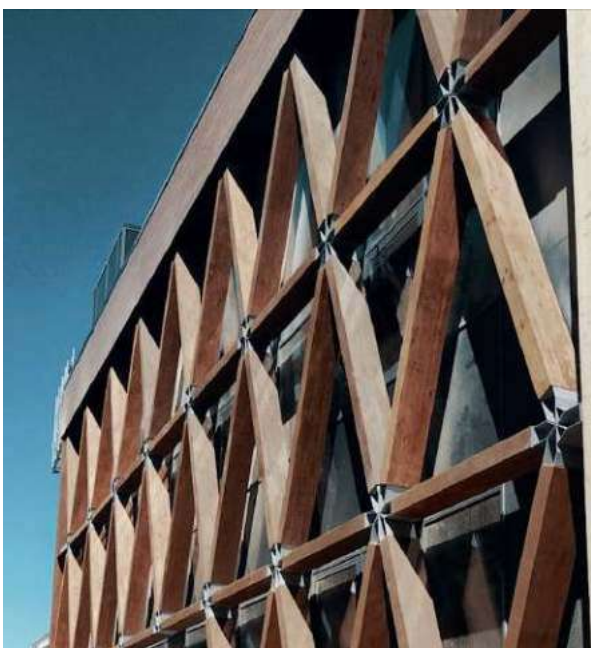
















# Ideas and concepts











# Spheres

Collapsible design of spherical wooden beams. It is cozy and comfortable. The internal space allows you to build a second floor.

Suitable for:

- Exhibition stand
- Private using
- Business projects
- Glamping
- Festive events
- Sports events





A Versatile Group Company



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