



Timber Engineers

**COMPLETE TECHNICAL SUPPORT
FOR YOUR TIMBER STRUCTURE**



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About us

Passionate timber engineers

Ergodomus Timber Engineering was founded in **2007** to design wooden buildings, wood is a noble and versatile material but it's design can be a real challenge.

We offer our clients a complete and comprehensive design package and as a result we are one of the most advanced consultancies in this field.





Our clients

Architects, engineers, designers, public administrations, carpenters, CLT and GLT producers, artists and visionaries.

All those who have an **idea** and the desire to realize it **exactly** as it was envisioned or all those who want to **optimize time and costs** by reducing unforeseen events.

We are able to manage every project thanks to a new and highly technologically advanced process for the **engineering your timber or composite timber structures.**



Our services

We provide **complete technical support** for the design of timber structures, including:

- > **static calculation;**
 - > **Shop and assembly drawings;**
 - > **3D modelling of the structure;**
 - > **programming of CNC machines;**
 - > **building physics: FEM thermal analysis.**
- Thermohygrometric checks in static and dynamic conditions.**

We use all the most advanced technologies to help you to realize your ideas



Why Ergodomus?



Reliable and creative partner

We love challenges, we can design complex geometries, combine different materials and construction systems and engineer structures of any size and complexity, such as mixed timber-glass facades.



Taylor made solutions

Designers, builders, developers and general contractors can easily choose the ideal wooden solutions specifically created by us for their projects without being bound by standardized products.



Full service

We specialise in a wide range of services related to the design of wooden structures: from static calculation to building physics evaluations to detailed design.



Innovative design

We have an innovative approach to design thanks to the 100% BIM compatible platform that allow us to optimize construction costs and time, assembly and maintenance of a building.



Not only wood

Our capabilities are not limited to timber, we can also design steel elements and reinforced concrete foundations.



Saving and optimization

We are at your side from the inception to the delivery of your building / structure to ensure there are no hitches or slow-downs.



Research and Development

Education and dissemination on how to make the most of what wood offers is another of our passions.



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