

egoin WOOD
GROUP

We Are Wood.



We are EgoIn



egoï WOOD GROUP

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We are Egoi

We're a family company with proven 30 years' experience in the design of wooden structural solutions in the construction sector.

Our environment, habitat and the surrounding nature feel like a part of us. We're committed to quality, professionalism and good work; looking to create new healthy spaces offering innovative solutions which add value and contribute to a better quality of life, conveying an attitude and way of acting in this world.

Egoi has been growing and consolidating its value proposal since 1990, adapting and adjusting to a highly demanding and dynamic environment, taking on new areas of activity and expanding our scope of action and influence. We started in the area of rehabilitation and reformation of farmhouse roofs-roofing, later in the building of detached homes using timber frame systems, and industrial bays/sports installations with large span beams, followed by multi-storey building construction using innovative solutions like laminated or cross-laminated timber (CLT), etc. This has enabled us to project our brand to new areas of opportunity on both the domestic and European market.

In 2008 we took on one of our greatest milestones with the construction of our own plant in Ea (Bizkaia) to manufacture laminated timber beams and CLT panels, thereby taking a big leap in our position on the multi-storey building market, both residential and commercial.

In 2013, we reached another important milestone with the purchase of the timber firm Holtza (Legutio, Alava), changing its name to Olatek (today, Egoi), which fuelled our consolidation as one of the major laminated timber and CLT producers in southern Europe.





We are wood

Timber is the cornerstone of the EgoIn project, i.e. the raw material we use to design and produce healthy environmentally friendly building solutions.

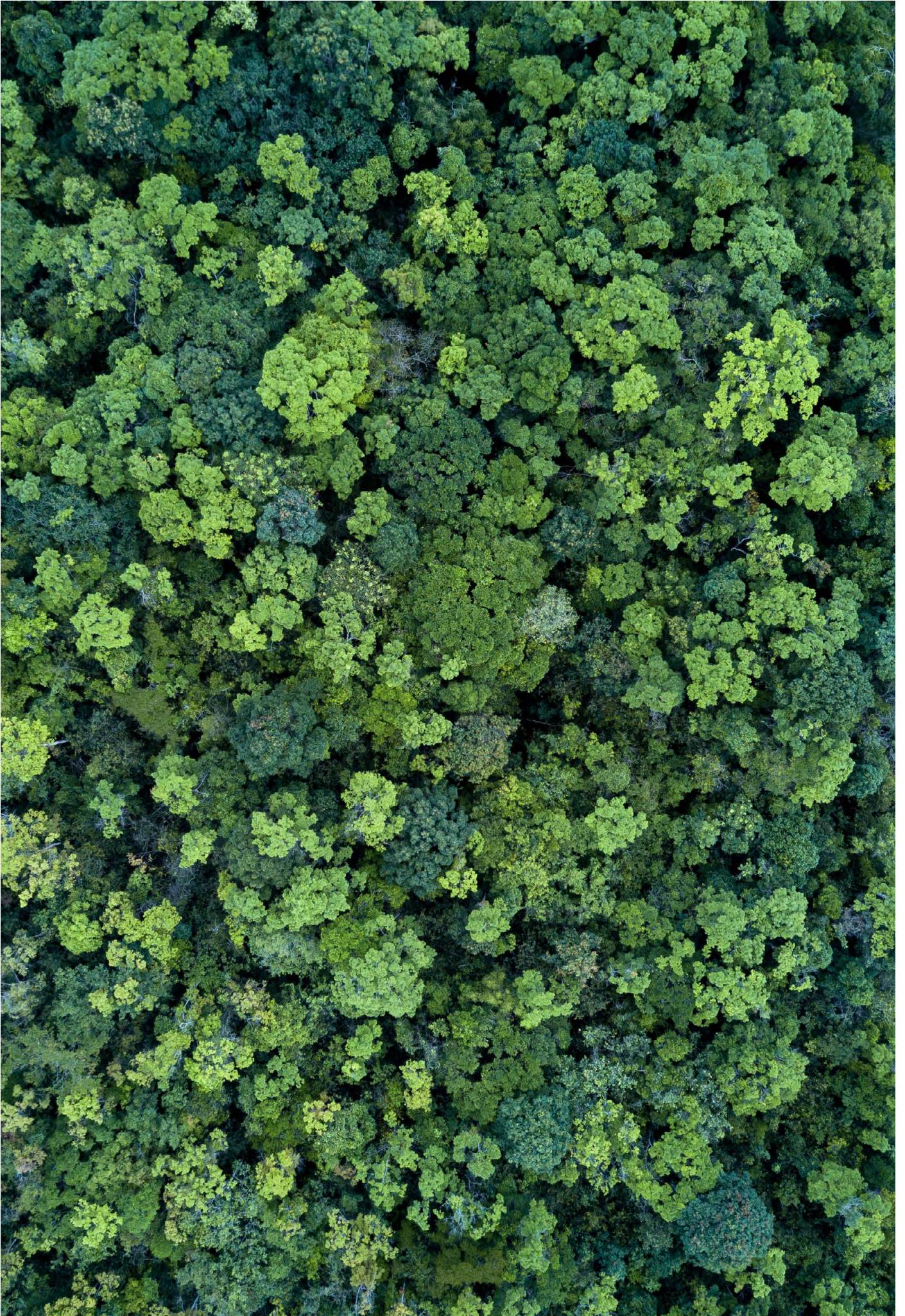
EGOIN sounds like timber, radiates timber and feels timber. EgoIn is synonymous with timber applied to the construction sector. We are wood.

Our environment, habitat and the surrounding nature feel like a part of us and our business project is the result of a firm commitment to our own values and philosophy. These values and philosophy mean embracing the environment, protecting and caring of our forests; as well as creating employment and wealth in our environment, not to mention quality, professionalism and know-how.

We're committed to creating new healthy spaces offering innovative sustainable solutions which add value, and contribute to a better quality of life, conveying an attitude and way of acting in this world. We're a company with a soul looking to leave our clean and healthy footprint, besides aspiring to build a better world.

The benefits of wood:

- Wood is the most renewable construction resource we know of. Nature couldn't have designed it better. It's a material that grows, it's not produced but nourished by sun, earth and rain.
- Wood is a highly attractive material because its carbon footprint is lower, uses less energy and water; and is 100% renewable. Every m³ of timber reduces the CO₂ in the atmosphere by a ton. Moreover, timber creates green employment.
- Structural timber is more fire resistant than concrete or steel. Its low thermal conductivity reduces flame spread rate, thus contributing to keeping its structure unaltered for longer.
- A timber frame weighs less than concrete, requires lower foundation dimensions, and the building processes are much quicker.
- The manufacture, transport and use of concrete on site requires 15% more energy than a process using timber.
- It's an exceptional thermal insulator. It insulates 15 times more than concrete, 400 times more than steel and 1,770 times more than aluminium.
- It's a perfect temperature moderator contributing to a reduction in energy consumption, likewise in heating and air conditioning costs.
- It's endowed with outstanding acoustic properties as it absorbs a large part of the energy received from the waves. This means a reduction in noise and reverberation contamination.





We are sustainable

Our commitment to sustainability is the cross-cutting axis of the entire philosophy and activity at Egoi. This is our essence, the foundation on which our company has been based since its foundation. Sustainability is not a business opportunity or a sales pitch but rather a permanent commitment to the environment, local zero-mile timber, the circular economy, society and the future of our country. Sustainability at Egoi is non-negotiable.

Egoi uses timber from sustainable forests, i.e. forests cultivated and exploited pursuant to ecological criteria, as well as being in our nearest environment (zero-mile), thus helping reduce transport costs and CO₂ emissions even more.

Sustainable Forestry Management, as defined at the Helsinki inter-ministry Conference in 1993, refers to "the stewardship and use of forests and forest lands in a way, and at a rate, that maintains their biodiversity, productivity, regeneration capacity, vitality and their potential to fulfil, now and in the future, relevant ecological, economic and social functions, at local, national, and global levels, and that does not cause damage to other ecosystems."

Moreover, forestry management is also closely tied to the fight against climate change in that young forests are more efficient carbon sinks than those which have deteriorated over time, rotted and died naturally.

In other words, youth is also a value in this sense. Adult trees end up dying and returning CO₂ to the atmosphere whereas the timber from young trees felled pursuant to sustainable criteria, during the photosynthesis process that takes place during their generation acts as a CO₂ sink.

So sustainable forestry management seeks harmony between the economic, environmental and social benefits of the forests, and in sum, this practice contributes to their preservation.





We are KMO

One of our hallmarks is our commitment to local zero-mile timber and the integration of the entire wood value chain from the cultivation and care of forests to the transformation of timber into a structural solution contributing to sustainable construction.

This is a strategic commitment we launched in 2008 aimed at reducing CO2 emissions in the construction sector, boosting the value of local forests, particularly radiate pine, as well as other coniferous species; in other words to be more competitive and sustainable in our transformation processes.

We have quality certifications both in the sustainable management of forests, tree felling and subsequent use of timber in constructions, such as the PEFC (Programme for the Endorsement of Forest Certification), whose aim is to ensure forestry management is environmentally appropriate, socially beneficial and economically viable. Egoin also has structural certifications for both laminated beams and cross-laminated panels.

In this respect, we have managed to close the production cycle achieving a local, competitive, sustainable, 100% Basque product. Timber which enables us to guarantee greater environmental benefit as it hardly uses fossil fuels throughout the transformation process. Thus, the energy cost of zero-mile timber is also lower.





We are solution

Our value proposal integrates engineering, design, manufacture and assembly.

We're a trustworthy partner for the execution of: construction projects, renovation of roofs and roofing, multi-storey housing, private and public housing developments, detached housing, industrial/sports pavilions, etc.

At Egoi we adapt the supply service of materials and timber frame kit to each customer; a process which includes everything from supplying standard Radiata Pine beams to beam supply lists.

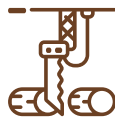
We offer consultancy and engineering services for timber construction professionals with timber frame kits so our customers can easily assemble the structures, following the assembly instructions supplied with materials in the kit.

We also offer our collaborators the Egoi assembler certificate.

The kit supply envisages several services tailored to each customer's needs:

- Wood consultancy and engineering, from basic projects to timber structure proposals
- Calculations and supporting reports for timber structures
- Works dimensions
- Assembly drawings: Redefinition drawings, general diagrams and laminated detailed diagrams in A3.
- Lists of materials: timber, building hardware, ironmongery, insulations, vapour barriers, water barriers, sealing tapes, roof tiles and special parts.





We are guarantee

We offer proven professional experience and solvency, as well as a firm commitment to the environment, sustainability, local zero mile timber and circular economy.

Egoia has two production plants in the Basque Country occupying over 30,000 m².

The Ea (Bizkaia) plant houses the company HQ, Engineering & R&D&I Department, Central Administration, Finance and Sales Area. We also have a production plant where the company produces: innovative products, industrial carpentry with different lines of activity like the manufacture of CLT panels, Timber Frame panels, special profiles for exterior façade cladding and roofing, CNC machining of beams and panels, special carpentry machining and joinery timber, etc.

The production plant at Legutio (Alava) houses the company's industrial production: (wood sawmill, manufacture of standard beams for sale to warehouses, manufacture of special laminated beams with different geometries and lengths up to 40 metres, CNC machining of beams and panels, etc.)





We are engineers

The Egoín engineering team comprises over 20 professionals with proven vast experience in the design, calculation and construction of wood structures.

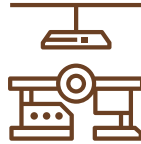
We carry out around 200 construction projects a year using different structural solutions and technologies, which also makes us a benchmark with regard to the knowledge of building regulations in the different countries where we work.

We have experts in timber construction details, the calculation of structures and Passivhaus construction systems.

We work with multidisciplinary teams to obtain environmental and energy efficiency certifications (Leed, Breeam, Verde, Well and Passivhaus), in addition to our intensive collaboration policy with universities, technological centres, architectural and engineering firms; and end customers.

Egoín accompanies its allies and customers throughout the process of envelope and outer shell design, defining the most appropriate construction details, correctly building details defined in the project drawings, as well as doing Blower Door controls during the assembly stage of the timber structures and envelope.





We are producers

Egoín has two production plants in the Basque Country occupying over 30,000 m². The Ea (Bizkaia) plant houses the company HQ, Engineering and R&D&I Department, Central Administration and Financial Management. We also have a production plant where the company's innovative products are manufactured and an industrial carpentry with different lines of activity using different technologies.

One of Egoín's most important activities is the manufacture of traditional pillars and beams with a production capacity of 7,000 m³ of timber for structures, making us the plant with the largest capacity in southern Europe.

These structures are used in the renovation of all private and public buildings. Furthermore, this solution is widely used in roofing-roofs for housing construction. Society's increasing environmental awareness is boosting the use of these kinds of technologies.

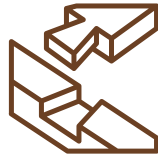
We receive laminated beams from our Legutiano plant and undertake the second transformation using CNC machining techniques at our Ea plant.

The laminated beams are shaped and machined to create traditional timber-timber assembly joints such as: casings, tenons, wooden halving, as well as bored holes and pre-bored holes for joining using wooden pegs or screws.

Our installed annual production capacity for different solutions is:

- Sawn timber: 50,000 m³
- Laminated beams: 14,000 m³
- CLT: 16000 m³
- Timber Frame: 20000 m²





We are builders

Assembly and logistics are the culmination of the entire timber consultancy and engineering process, which includes the manufacture of structural elements at our companies, and, as such, it is an area of great importance at Egoín.

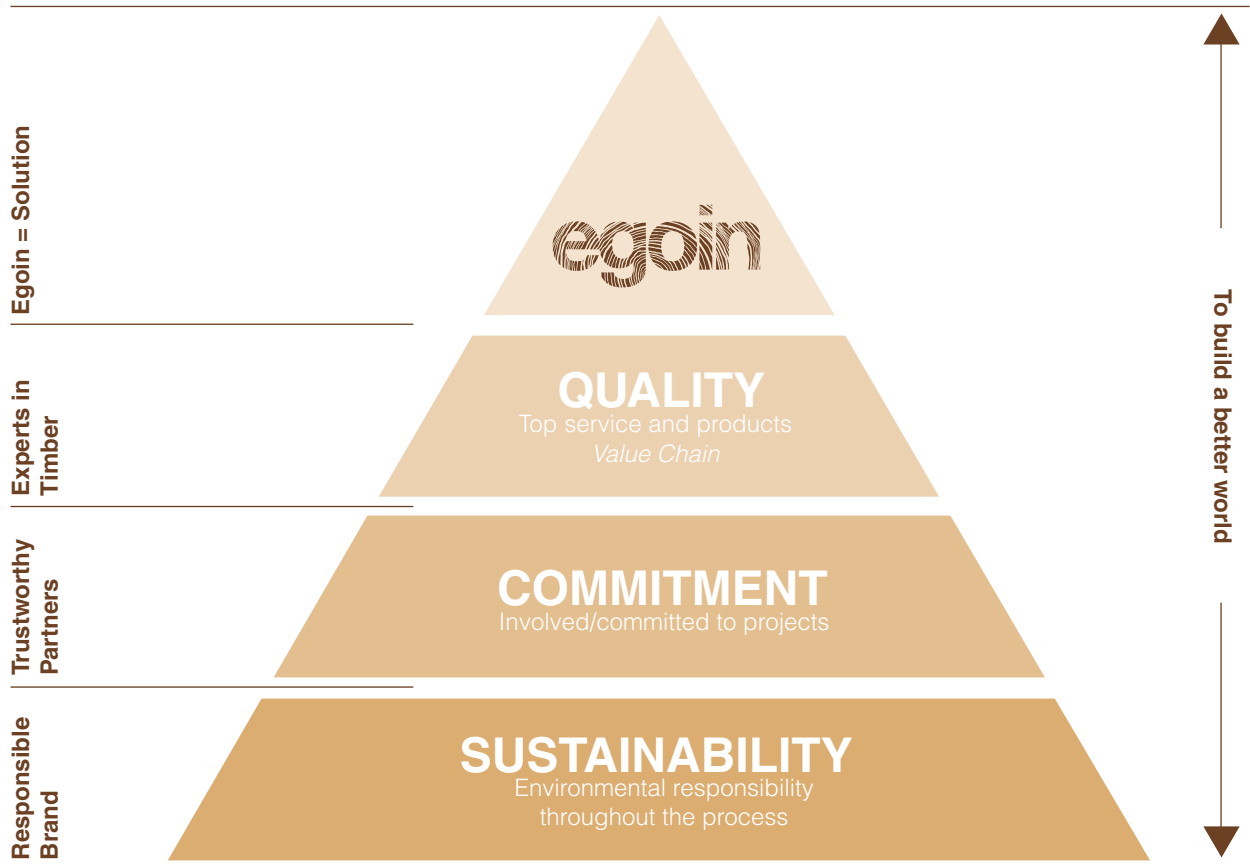
Thanks to the integration of this timber structure assembly and logistics service, we ensure that all the construction details of the project are duly incorporated, in addition to the correct material execution of the timber structure and its durability in time. Integration of the assembly, engineering and manufacturing areas gives us a differential value enabling us on the one hand to have product proximity for the service we offer; while on the other listening to, improving and taking care of our customers to provide better quality and value products and services.

Knowing our limits and needs in the area of assembly and logistics of each project will be our engineers' bases when designing the structural elements.

In this sense, having our own assembly teams guarantees quality at Egoín.



We are
egoin WOOD GROUP



Committed to our clients



Environmentally friendly



Proactive, professional and flexible



Innovators



Team



Industrialised timber construction of excellence

