

SECOND ANNUAL TIMBER CONSTRUCTION CONFERENCE & TRADE FAIR

From Friday 20th to Sunday 22nd October 2017

WE WRITE TIMBER WITH R of ... RETHINKING

REHABILITATE

RE-USE

REBUILD

RESTORE

RESPECT

RECOVER

WITH **R** OF REINVENTING SUSTAINABLE CONSTRUCTION

AND ABOVE ALL, WITH **R** FOR ENVIRONMENTAL RESPONSIBILITY

1. WHY CELEBRATE THIS SECOND ANNUAL CONFERENCE?

First of all, because the Inaugural Conference brought value to all the participants and it represented a great opportunity of establishing contacts and mutual knowledge of all the involved agents: speakers, exhibitors, participants and visitors.

We are maintaining the basic structure of this Event of reference for The Sustainable Construction Sector.

- INTERNATIONAL CONFERENCE (only professionals)
- SPECIALIZED TRADE FAIR (for professionals and public in general)

The experiences of the previous conference give us guidelines for improvement in this second event. Our objective is making this event a reference for all professionals and companies that are interested in Timber Sustainable Construction.

- 1,600 m² of EXHIBITION SURFACE
- TIMBER CONSTRUCTION COMPETITION UNDERTAKEN IN A VERY SHORT TIME

This Second Conference has two new areas which complement the Sustainable Timber Construction:

- SUSTAINABLE MATERIALS
- RESPONSIBLE EFFICIENT ENERGY USAGE

There has been a growing interest in sustainable timber construction among professionals including architects, Interior designers, builders, those who produce raw materials and society in general.

THE PARIS SUMMIT

about the climate change (April 2015). Its objective was to not increase global warming in two Celsius Degrees and it calls for efforts to not increase energy consumption by 1.5%.

- THE EUROPEAN STRATEGY 20/20/20

Wants to take Europe to a sustainable future and wants to develop a responsible economy, which reduce carbon emissions and energy consumption. DATA FROM 1990 and EUROPEAN UNION COMMITMENTS FOR ACHIEVING IT ARE THESE:

- Greenhouse Gas Reduction (GHG) emissions by 20% (30% if an international agreement is reached).
- Saving 20% of energy consumption by implementing the use of efficient energy. In addition, 10% of transport in each country needs to be covered by biofuels.
- Promote renewable energies up to 20%

CATALAN STRATEGY FOR ENERGY RENEWAL OF BUILDINGS (ECREE)

The Generalitat Government has approved ECREE on February 25th. The ECREE contains the fruits of The MARIE Project. Moreover, it is the result of the efforts made by the Government, entities and associations that synthesized 2013 CONSTRUMAT agreements and also The Entities Forum (to which Gremi Fusta i Moble is part of it).

In the last century, we haven't had any reason to question the use of steel and concrete as essential materials for construction of large buildings. Instead, we are now in a unique historical moment in which it is necessary to implement strict environmental regulations due to the Climatic change. These regulations affect the way we were constructing buildings up to now.

Timber Constructive solutions have the potential to stir up the construction industry through high sustainable quality development, generating wealth and helping to grow the local economy and minimizing the climate change.

SOCIETY IS TURNING UP TO SUSTAINABILITY AND LOCAL PRODUCTS. TIMBER IS NOT AN EXCEPTION.

1. WHY IS THIS 2ND CONFERENCE BEING CELEBRATED?

TIMBER AND ENVIRONMENT

- Timber is a natural resource, which is renewable, and endless if managed properly
- Timber alleviate climate change by fixing inside atmospheric CO₂.
- Timber is made up of solar energy without consuming fossilized energies.
- Their wastes are biodegradable with no environmental impact.
- Timber can widely be reused and recycled, and at the end of its life brings us clean energy.
- Forest controls solar erosion and it maintains water's cycle.

THE CYCLE OF TIMBER

- When a tree grows in the forest, it absorbs CO₂ and generates O₂. It generates an ecosystem of high biological value.
- Use of forests contributes to sustainable management and conservation of resources and ecosystems, and promotes rural and local development. It keeps them clean, minimizing the risk of fire.
- Forests provide us materials, which are local. It requires very little energy for its

transformation, and its applications are innumerable.

TIMBER AS MATERIAL

- It is lightweight and resistant, and it is the building material that best confronts fire.
- It offers excellent physical properties: thermal insulation, electric, acoustic corrector ...
- It resists aggressive, saline and corrosive environments
- It promotes design and innovation

TIMBER TO BUILD

- It allows prefabrication and modular construction doing most of the job in factory workshops. As a result, the construction process decreases.
- It regulates interior humidity.
- It generates comfortable, warm and welcoming environments, with a very low weight.
- It reacts exceptionally well to fire.
- Timber buildings can last for hundreds of years.
- It saves energy in all phases of the construction process.

"The nineteenth century was the Iron Century, the twentieth was Concrete Century and the Twenty-First Century is going to be for timber engineering."

Alex de Rijke, architect

2. MISSION

Our mission is bringing together the current knowledge of sustainable timber construction with the increasing demand for this technology, both professionally and socially.

3. VALUES

TIMBER REPRESENTS HUMAN HISTORY AND A FUTURE HOPE:

Without timber none of us would be here. Surely, we would be in the Palaeolithic ... We could not light a bonfire for cooking or melting metals. We would not have developed agriculture or navigation, there would be no art, nor great buildings.

HONESTY

Timber has accompanied us throughout our human history as the most honest material. Textures, colours, warmth, evolution ... timber is still alive every time we touch it with our hands. Timber can be touched, it can be smelt, it allows fond memories, it connects the oldest tradition with the more sustainable future.

SUSTAINABILITY

Against climate change, more timber! One hundred percent is recyclable. The forest manufactures O₂ and the timber stores CO₂ (CO₂ and energy balance in the manufacture and use of the main building materials: We must cooperate to increase social behaviours for a positive and respectful relationship with nature).

COOPERATION AND CLUSTERIZATION

We are working together to achieve complex projects. We integrate value chains within various sectors. Cooperation between different agents is the best way to innovate.

INNOVATION AND CREATIVITY

We use to look at the past for imagining the future. Timber allows from the simplest and classic treatment to the most sophisticated use. The path of creativity associated with timber continues with people's desire for innovating, designing and inventing new applications of wood, or between the hands of the carpenters who work every day.

WORK AND COMPANY:

Timber and the many professions linked to its production - such as transformation, distribution, installation, design, training, maintenance or restoration, etc - are one of the main resources available to activate employment in our Country. We are working to develop the CONSTA Stamp which is a quality symbol given to those companies which demonstrate good business practices and also committed to legal and transparent employment of their workforce. Wood makes possible one of the broadest margins of business and employment development in the immediate future in our entire territory.

TERRITORY

We work for the Catalan timber industry (proximity, devisebility and sustainability). 67% of Catalonia's territory is timber of different qualities, usages and possibilities. In the last 10 years, our forest has grown 7% and continues to expand. Forests that are not properly managed may be the best scenery for bushfires. Society must be aware of the new reality and, people who earn their living by working with timber must receive quality and updated training.

TRAINING

Young people must be trained to learn great future professions from great specialists. Excellent professionals, who collect and direct young people to work with timber in its numerable applications and possibilities. Dialogue between tradition and innovation. Between experience and creativity. All kind of timber professional training and competence recognition of skilled professionals form part of the strategy for promoting in our Country a good future in the timber sector.

4. THE CONFERENCE STRUCTURE

FRIDAY, OCTOBER the 20th

08:00 - Departure by bus from BCN

9: 00-09: 30 - Registration / accreditation

9: 30-10: 10 - 1st conference

10: 10-10: 50 - 2nd conference

10: 50-11: 20 – Questions time

11: 20-12: 00 - Pause / coffee + visits to the trade fair stands

12: 00-13: 30 - Workshops / groups discussion

13: 30-14: 00 - Announcements + visits to the Trade Fair stands

14: 00-14: 30 - Networking - catering

14: 30-15: 00 - Announcements
15: 00-16: 00 - Visits to the Trade Fair stands
16: 00-16: 40 - 3rd conference
16: 40-17: 20 - 4th conference
17: 20-17: 50 – Questions TIME
17: 50-19: 20 - Workshops / groups discussion
19: 20-19: 45 - Conclusions
19: 45-20: 00 – Closing CONFERENCE
20:15 Going back to Barcelona by bus
SATURDAY 21ST OCTOBER
08:00 - Departure by bus from BCN
09:30 - 10:00 – Reception of construction teams for Timber Fast Construction Competition
10: 00-18: 30 – Visits to the Trade Fair stands
10: 00-18: 30 – Fast Timber Construction Competition
10:30 - 12:00 - Children's workshop: constructions of wooden toys
11: 00-13: 30 - Workshop / working groups
13: 30-14: 30 - Lunch break
14: 30-16: 00 - Workshop / working groups
19:00 – Award Ceremony for the Fast Timber Construction Competition
19:45 - Going back to Barcelona by bus

Sunday 16th October

10: 00- 14:00 – Trade Fair Exhibition

SCIENTIFIC COMMITTEE: Jorge Blasco, Miquel Sitjà, Miquel Escobar and Miquel Vilaró.

TRADE FAIR COMMITTEE: TIMBER AND FURNITURE GUILD + AFE

* Program is subject to possible changes (For more information check on these web sites www.fustaconstructiva.cat and www.gremifustaimoble.cat).

5. OBJECTIVES AND ADRESSEES

OBJECTIVES

- Analyse and promotion of the use of timber today as a resource with great construction possibilities.
- Talk with the most experienced professionals in this methodology.
- Get in Contact the specialized industry in construction technology.
- Learn in a multidisciplinary team about practical approaches.
- Give an overview of the Competitive advantages of incorporating timber into the building industry.
- Breaking prejudices regarding timber as a building material.
- Promoting good management in timber transformation and constructive processes.
- Join together TIMBER World of with other industrial sectors.

ADRESSEES

- Throughout the history of building industry, timber has been one of the most commonly used building materials. As time goes by, other elements have replaced it and what it was the material that everyone use has become an unknow material rejected for fear and ignorance.
- The objective of this Conference and Trade Fair is to reach all Kinds of public: from experts who love timber to those who are interested but hesitate about it. It also wants to encourage those who want to work in the timber field and those who are looking to bring timber closer to society.

- It is for this reason that our main goal is to become a meaningful event which includes social and technical audience:
 - Architects, engineers and interior designers who want to incorporate practical knowledge about timber construction technology.
 - Professionals and industrialist who are interested in constructing with timber: building companies, construction developers, interior designer, carpenters...
 - University students or professional training students of any field in which timber has a leading role.
 - People who are already involved in timber world, such as people who had houses constructed with wood.
 - People who are interested in the use of wood.
 - Government Administration.
 - Children and society in general.

6. INFORMATION AND REGISTRATION

Information

Inquiries: comunicacio@gremifustaimoble.cat

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Organized by: www.gremifustaimoble.cat

SCIENTIFIC COMMITTEE: Jorge Blasco, Miquel Sitjà, Miquel Escobar and Miquel Vilaró.

Look up our web previous edition: www.fustaconstructiva.cat

* The II TIMBER CONSTRUCTION CONFERENCE AND TRADE FAIR is held in the Building and Exhibition Centre of VIC from the 20th to 22nd of October 2017.

INSCRIPTION:

- Professional Ticket which include the entire Conference and lunch on Friday the 20th of Oct 2017 and 3 days for Trade Fair Visit: 100 € * (bus transport not included)
- Half-Day Professional Ticket which includes half-day Conference (morning or afternoon) and 3 days for Trade Fair Visit: 75 € * (bus transport and meals not included)
- Accredited Student Ticket allows you to assist the Whole Conference and 3 days Trade Fair Visits (bus transport and meals not included)
- Friday Lunch + networking (20/10/17).: 25 €
- Saturday 21st and Sunday 22nd lunch are not included in any option
- BCN-Vic-BCN Round-trip bus is optional: € 15 / day
- Free access to Trade Fair on Saturday 21st and Sunday 22nd

* 50% off to all Timber and Furniture Guild associate companies and companies, which have a stand on the Trade Fair

40% off to collaborative entities. (Check conditions)

* Group ticket (5 tickets into the whole Conference + 3 days access to the Trade Fair): 250 € (It does not include any meals or bus transport)

* Students who are enrolled in the III TIMBER CONSTRUCTION COURSE have included entrance to the Conference. (Check conditions)

* Conference Inscriptions gives preference and a reduction to anyone who enrolls in the III TIMBER CONSTRUCTION COURSE (20/10/2017 to 21/4/2018)

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Discover

Experience

Learn

Discuss
Know
Teach ...