

2nd National Conference on Passive Construction

FRIDAY 4TH APRIL 2008

List of speakers at
www.salondubois.com

Morning

PLENARY SESSION

- 09h00 – 09h30 Welcome
09h30 – 10h00 10,000 buildings in Europe: passive construction is moving out of its experimental phase!
10h00 – 12h00 Round table: challenges and strengths of passive construction
Harmonizing policies and tools: towards a European standard

Afternoon

WORKSHOPS

- 14h00 – 15h30 Workshop 1: Construction systems and their application to all types of buildings.
14h00 – 15h30 Workshop 2: Passive renovation/renovation using passive components. Rehab experiences.
14h00 – 15h30 Workshop 3: Passive construction techniques (1): the building envelope. Comfort in passive construction (summer/winter).
14h00 – 15h30 Workshop 4: Passive construction and social housing: myth or reality?
14h00 – 15h30 Workshop 5: The timber industry and passive construction: point of view, approach, prefabrication.
16h00 – 17h30 Workshop 6: Training available for professionals: overcoming technical obstacles and controlling over-investment
16h00 – 17h30 Workshop 7: Design and validation software: taking energy into account in buildings.
16h00 – 17h30 Workshop 8: Passive construction techniques (2): Equipment
16h00 – 17h30 Workshop 9: Passive construction: the over-investment question
16h00 – 17h 30 Workshop 10: Passive construction and town planning

Afternoon

VISITS

- 14h00 – 18h00 Visits to construction sites around Grenoble: Grande Chartreuse, Matheysine.

Afternoon

CLOSURE

- 18h00 Major witnesses and synthesis
18h30 Cocktail

SATURDAY 5TH APRIL 2008

Morning

PLENARY SESSION

- 09h00 – 09h30 General synthesis of the previous day
09h30 – 10h30 Examples around passive construction: approaches by regions, owners, project managers, contractors. Examples of regional and national schemes.
10h30 – 11h00 Pause
11h00 – 11h45 Round table: synthesis of workshops, key questions and debate
11h45 – 12h30 Round table: Professionals' responses to the challenges: nationally and locally

Afternoon

WORKSHOPS – GENERAL PUBLIC FORUM

- 14h00 – 16h00 Trades forum
14h00 – 16h00 Forum Grand Public
14h00- 16h00 Rencontre inter clusters
14h00 – 17h00 Visits to ongoing sites and existing schemes - Theme: «The road towards passive construction»



Architect Lengdoblér – BV Wellenhofe
Wellenhofer aussen

Revolution in the building sector!

Today it is clear to everyone that energy efficiency affects not only new buildings but also existing buildings. It is one of the major challenges for reducing greenhouse gases with the building industry being a large-scale consumer of energy in France (42.5% of total final energy). Passive construction corresponds to a new generation of buildings. It is the concrete manifestation of a decisive step towards reducing energy consumption in answer to the objectives formally defined by France's Grenelle de l'Environnement "to modernise building" while providing an answer to the challenge of climatic change.

The concept of the passive house refers to a new generation of buildings "without heating" in the conventional sense of the term: the management of ambient air movements provides thermal comfort (an improvement on that offered by conventional buildings). The positioning, design and careful construction of the building envelope (walls, windows, roof, slab), very effective insulation, careful weatherproofing, a very efficient heat exchanger, as well as the most efficient materials and techniques help to maintain a constant temperature without heat inputs other than solar radiation and the heat emitted by the activities within the building.

Further information:

- www.climalp.info
- www.lamaisonpassive.fr
- www.igpassivhaus.at
- www.caueb-isere.fr
- www.ageden.org
- www.ecoenergies-cluster.fr
- www.raee.org
- www.salondubois.com
- www.lapassiondubois.com
- www.caue.org
- www.salon-habitat-durable.com
- www.ademe.fr
- www.effinergie.org
- www.prebat.net
- www.constructeurs-nf.fr
- www.ale-grenoble.org



Housing of the future: an update.

What is the social, economic and regulatory place of passive construction on the new build and renovation markets? What are the stakes, obstacles and answers? What is the current position technically and how have the timber industry and local contractors become involved over the last year?

During this 2-day conference, the information delivered at plenary sessions and the many theme workshops moderated by European professionals will clarify passive construction practices in France and Europe.

Examples of ongoing building sites and completed constructions will be visited to supplement this 2-day program.

The Passive House Institute, (Passivhaus-Institut of Darmstadt in Germany) has reflected on what could become the future European "passive house" standard.

The aim of a passive building is to provide a high level of housing comfort while considerably reducing energy consumption. Thus, the ultimate energy consumption needed to ensure thermal comfort has to be less than 15 kWh/m²/year (the French average is 180 kWh/m²/year). This performance can only be achieved by a high standard of design and construction. In order to validate this standard, the Passive House Institute has set up a system for "passive house" certification which schedules inspections during construction work.



Photograph Wett – Architect Hrdlovics - BV Hatzl

2nd National Conference on Passive Construction

Friday 4th and Saturday 5th April 2008
ALPEXPO – GRENOBLE

Registration form One form per person

To be returned before 21st March, 2008 to:
Alpexpo - Assises de la Construction Passive - BP 2408 - F - 38034 Grenoble Cedex 2

Participant(s)

Family name and first name:.....
Function:
Tel:..... Mobile:
E-mail :.....

Company or organisation

Company name:
Address:
Postal code and place:.....
Business:

Tick your workshop for Friday 4th April from 14h to 15h30

- Workshop 1: Construction systems and their application to all types of buildings.
- Workshop 2: Passive renovation/renovation using passive components/Experience
- Workshop 3: Passive construction techniques (1): the building envelope.
- Workshop 4: Passive construction and social housing: myth or valid solution?
- Workshop 5: The timber industry and passive construction: point of view, approach, prefabrication.

Tick your workshop for Friday 4th April from 16h to 17h30

- Workshop 6: Training available for professionals
- Workshop 7: Design and validation software
- Workshop 8: Passive construction techniques (2): Equipment
- Workshop 9: Passive construction: the question of over-investment
- Workshop 10: Passive construction and town planning

Price A

Friday 4th and Saturday 5th : 130 € TTC (108,70 € HT)

Price B

Saturday 5th : 50 € TTC (41,81 € HT)

Methods of payment Attached bank cheque Attached payment order
 On receipt of an invoice

Free access to the conferences is available to students and the unemployed (on presentation of documentary proof and preregistration). Access allowed depending on the number of places available

The undersigned accepts the conditions of registration opposite

At..... On

Stamp and signature

List of speakers at
www.salondubois.com



Modular house construction
Architect Alice Vaillant

Associated events

- Raw earth in energy-efficient housing by Martin Rauch
Friday 4th April – 20h to 21h
Espace Carrousel
- 1st national conference on Earth Construction Technology
Saturday 5th April

• See other high points at
www.salondubois.com



3RD TO 6TH APRIL 2008
ALPEXPO GRENOBLE

Registration conditions

Registration deadline: 21st March 2008.

The organizer has the right to refuse applications due to the limited number of places available.

The prices include:

- > Sessions and workshops on the indicated days
- > Lunch included in price A
- > Summary of presentations
- > Access to the Salon Européen du Bois on 4th and 5th April 2008

Payment to be attached to the registration form

It has to be made by cheque or payment order in euros and made out to SEM Alpexpo.

Administrations that are unable to attach the payment to their form will make out a purchase order signed by the appropriate authority with payment made on receipt of an invoice.

For bank transfers from abroad, the costs of the transfer are to be borne by the applicant.

Cancellation:

Any cancellation will have to be made in writing before 31st March 2008 at the latest. No reimbursement will be made after this date.

Miscellaneous information: program, access, hotels, etc

www.salondubois.com

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