



Programme

Thursday, March 2010, 25 – Which future for Passive Building in France ?

This day will be chaired by Hermann KAUFMANN, Austrian architect, pioneer in Passive Building, 2007 winner of the Global Award for Sustainable Architecture and head of the Chair in Timber Construction (unique in Europe) at the Munich Technical University (Germany).

Designed for professional who are implied and active in High Energy Efficient Building subjects, that day will be devoted to discuss of the strategy to develop Passive Building in France

The day will be structured into a series of thematic sequences, each including 1 to 3 presentations (underlined by the experience of speakers), about different points of view on the same theme, with “question & answer” sessions at the end of each sequence.

9h00 Opening

Professor Hermann KAUFMANN

Etienne VEKEMANS (President LA MAISON PASSIVE FRANCE)

9h30 Institutional framework & initiatives : the 2018-2020 challenge

The "low / zero energy building" that shall integrate the European regulation by 2018-2020 : what and how ?

Dr.-Ing. Martin ELSBERGER (expert “Energy Efficiency in Building” - European Commission – DG Energy & Transport)

The regulatory path envisaged in France after 2012, in view of the European 2018-2020 challenge

Philippe PELLETIER (president - Strategic Committee – “Mission Plan Bâtiment Grenelle” - MEEDDM / Ministère de l'Écologie, de l'Énergie, du Développement Durable et de la Mer)

10h30 Pause



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10h45 Advances in France for 1 year : a number of players have committed themselves to Passive Building

10 owners, 10 teams, 10 certified buildings in 1 year

Jean-Loup BERTEZ (member of the board LA MAISON PASSIVE FRANCE, Zen&rgie, CIPRA France)

Richard LEFEBVRE (member of the board LA MAISON PASSIVE FRANCE, Les Airelles)

24 professionals are being trained to become CEPH certified experts : “European Certified Experts in Passive Building”

Véronique BOEHM (CEPH teacher, cabinet « Efficacité énergétique de l'enveloppe »)

For the "Q & A" session of this sequence, the speakers will be joined by several of the mentioned actors.

11h45 Upgrade an existing building : impossible is not Passive

80 years later, divide the energy requirement by 30 : carried out performance !

Roland MATZIG (architect, r-m-p architekten agency – Germany)

12h15 Lunch

13h45 Passive Building & territorial communities : driving forces for the development

Cruseilles (3800 inhabitants, Haute-Savoie) officially chose Passive Building early in 2009 ... the city works on its 1st Passive project (upgrading and extension of the municipal gymnasium) : motivation, process, situation, etc.

Christian BUNZ (mayor of Cruseilles)

Sylvie MERMILLOD (mayor's 1st deputy, head of the Local “Agenda 21”)

The original strategy developed by Région Bourgogne (Burgundy Region) in terms of energy efficiency in building : to choose Passive Building, right now

Dominique MARIE (Head of Sustainable Development, Conseil Régional de Bourgogne, Direction Environment & Sustainable Development)



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14h45 Passive Building & design actors : a “dialogue” between form and engineering

Joint projects presented by duets to lay out the vision of the architect and the vision of the engineer on the same works

Hermann KAUFMANN (architect, Architekten Hermann Kaufmann ZT Gmbh agency)
Konrad MERZ (engineer, Merz Kley Partners)

15h45 Pause

16h00 Building Passive “and even more ?” : beyond the 3 strict requirements of the Passivhaus referential

Passive Building & Gray Energy : life cycle analysis (LCA) for a sustainable integration of the project

Laurent VORLET (DENA Énergies, Fribourg - Suisse)

Passive Building & Health : the quality of interior air, a different stake in a tight building (presentation of a major study, presently on-going in France)

Anne-Marie BERNARD (Allie'Air, bureau d'études aéraulique et acoustique)

Jean-François NOUVEL (Head R & D Aldes, president association AIR'H - Association Initiative Réglementation Hygiène)

Passive Building & Sustainable Development : a healthy and sustainable building is not only energy efficient !

Martin PLOß (architect, expert with Energieinstitut Vorarlberg)

17h30 Conclusion of the day : which strategy for Passive Building in France ?

Professor Hermann KAUFMANN

Etienne VEKEMANS (President LA MAISON PASSIVE FRANCE)

Martin PLOß (architect, expert with Energieinstitut Vorarlberg)

18h30 Official reception at the PASSIVE Space, European Fair of Timber and Sustainable Habitat



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Friday, March 2010, 26th – Right practices in Passive Building

The second day is practical, with the matter treated as case studies.

2 parallel thematic courses will take place, among which participants may choose, according to their degree of familiarity with Passive Building and its various aspects or according to their particular professional interests

9h00 Overview of the talks of March, 25th

Etienne VEKEMANS (president LA MAISON PASSIVE FRANCE)

Jean-Loup BERTEZ (member of the board LA MAISON PASSIVE FRANCE, Zen&rgie, CIPRA France)

Laurent CHANUSSOT (consultant Rhônalénergie Environnement)

Course F To know the Fundamentals of Passive Building	Course A Farther into the Subtleties of Passive Building
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9h30 Passive Building, structural materials and building actors : returns from experiment
Michel TEISSIER (private owner), together with several actors of his project

Passive Building and project management : from the initial program to the building final certification
Milena KARANESHEVA (architect, KARAWITZ agency, 2 certified passive buildings)

10h20 Tightness to calories : numerical requirement n°1 of Passive Building ... INSULATION
Thorsten SCHNELLE (responsible for market ITE, STO France SAS)

Passive Building in South West of Europe : which specificities ?
Jürgen SCHNIEDERS (Passivhaus Institut Darmstadt)

11h10 Tightness to calories : numerical requirement n°1 of Passive Building ... TRIPLE GLASS WINDOWS
Xavier RIPOCHE (R & D Manager, insulating glass, project leader for triple glazing, Saint Gobain Glass)

Passive Building and moisture transfers : which tightness and how ?
Hubert FÈVRE (carpenter, Gaujard Technologies consulting office)



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11h55 Lunch

- 13h30 Airtightness : numerical requirement n°2 of Passive Building**
Benjamin SEVESSAND (CEO Énergie Positive)
- Passive Building and “collateral” technical issues : the specific “pathologies”**
Sebastian MORENO-VACCA (president, Plateforme Maison Passive Belgium – teacher, University Faculty of Architecture ULB-HortaLaCambre, architect & member of the board, A2M architects agency)
- 14h20 Air management in a Passive Building : to renew, warm up and dispense**
Bruno GEORGES (manager ITF consulting office)
- Passive Building in operation : measures, the test of truth !**
Alexandre PÉCOURT (member of the board LA MAISON PASSIVE FRANCE, Énergélio consulting office)
- 15h10 Total footprint of the building in use : numerical requirement n°3 of Passive Building (measured with the global energy consumption, all uses combined)**
Muriel DUPRET (ENERTECH consulting office)
- Passive Building and thermal inertia : which necessity and which planning ?**
Olivier GAUJARD (CEO, Gaujard Technologies consulting office)

15h55 Pause

16h10 "It happened today": audio-visual presentation of passive projects in progress

16h30 Conclusion of day 2 / Discussion with the day's speakers

After an introduction by Pierre LÉVY (architect, agency Detry & Lévy - a teacher at ENSA Lyon) on "How to finance the added performance of Passive Building" the conclusion session will be moderated by Pierre MOREAU (technical advisor CIPRA France), with the speakers of the day still present in Grenoble

