

EeBGuide holds the 2nd Expert Workshop

A 2nd Expert Workshop was held on the 10th and 11th of May in Paris at the French Scientific and Technical Centre for Buildings (CSTB) premises. The meeting was attended by the consortium and also by European experts on LCA in the field of sustainable building from seven different organizations including Tecnia, Inèdit Innova, UPM, Acciona, UJI, Bouygues Construction and MINES ParisTech.

The aim of the meeting was to discuss comprehensively the content and structure of the EeBGuide guidance document. During the meeting, small working groups were organised to tackle all different aspects related to buildings and related to products (building products, elements, components, services).

Success response during the 6 weeks consultation phase

As of 19th of June, EeBGuide opened a six week period of public consultation aiming to ensure that EeB Guidance documents are clear, helpful and useful to LCA practitioners who are working on product or building level LCA. Nearly 1000 LCA practitioners across Europe were invited to download the consultation document, by visiting the Consultation section of the project website. There were more than 300 downloads from 6 different countries: Belgium, France, Portugal, Spain, Sweden and UK. All the comments received during the process will be included at the guidance document, which in parallel is being then critically reviewed by the Review Panel. The feedback received will be used to fi-

nalise the draft guidance document and the reporting templates. The final EeB Guidance document will be accessible as a web-based interactive document with filter functions to facilitate its handling. It will also provide links to further detailed information sources, training materials or reporting templates.

Although the consultation phase was closed on the 31st July, your voice can still be heard! You can comment and discuss aspects of the project and its outcomes at the EeBGuide discussion forum on Construction21 and at the LinkedIn Group. You can also contact us by sending an email at info@eebguide.eu.

EeBGuide goes to international conferences

EeBGuide was presented at the most important platform for sustainability for the building and property industries: Consense. Under the motto "Perspectives 2020: Challenges and Opportunities for the Built Environment", top class experts took part in the congress to discuss current questions on sustainability in building. The event, which took place in Stuttgart on the 19-20th of June, was an excellent platform for EeBGuide's consortium to present the project to leading industry for sustainable building, investment, operations and maintenance and

all key stakeholders related to sustainable building, including LCA practitioners.

Congress participants and visitors met at the trade fair stands - the ideal environment for expert discussions and networking. At the stand of the Fraunhofer Institute for Building Physics IBP, which attracted many visitors over the 2 days of the conference, the newly printed EeBGuide flyer and the latest newsletter were distributed. The project was very well-received amongst the experts and public, and once again, it reasserted the need of having to harmonize the

European landscape of LCA calculation rules, thus the metrics and standards used in Europe could be interpreted and implemented without leading to inconsistencies and lack of comparability.

Moreover, Consense hosted the World Green Building Congress - the worldwide umbrella organization for sustainable building - and welcomed experts from over 50 member countries. This opportunity brought national and international sustainable building decision-makers together, a concentration of experts in this area unprecedented in Europe.



On behalf of the EeBGuide consortium, Sébastien Lasvaux, a research and development engineer at CSTB, introduced EeBGuide to the International Symposium on LCA and Construction 2012 by circulating over 100 EeBGuide newsletters amongst the audience.



This scientific symposium, co-organized by the French institute of science and technology for transport, development and networks (IFSTTAR) and CSTB was held in Nantes (France) on July 10-12 2012. It aimed at grouping disparate research communities to create a forum for the exchange of recent developments and research results amongst researchers. It also aimed at providing an insight into societal demands in the civil engineering and buildings sectors. In total, over 150 attendees from 20 different countries attended the symposium. The EeBGuide flyers and newsletters were an excellent opportunity to show research projects interested in the practical implementation of LCA in the building sector. The last day of the symposium was dedicated to organise exchanges between researchers and LCA practitioners around societal expectations, standardization, public policies and research challenges. The following issue: *How to articulate the LCA & construction research with its implementation in practice?* was addressed, thus matching very well with the goal and scope of the EeBGuide project.

EeBGuide case studies have been selected

EeBGuide will also test the applicability of the guidance by conducting case studies for new buildings, existing buildings, products and EeBGuide product. The case studies will be used as a basis for the development of training materials, which they will be performed during the month of October, in Paris and in Barcelona.

CSTB will be in charge of testing two buildings: a detached house for 5 persons in Tours, France (simple case) and an office building (difficult case). Testing two different sizes and complexities will ensure that the guidance can be applied even if the building is quite complex.



UNESCO Chair in Life Cycle and Climate Change will be responsible for performing two case studies of existing buildings: the Amara building (Donosti, Spain) and the Can Jofresa building (Terrassa, Spain). In the first case, jointly with Tecnalía, the envelope (external walls) of the building will be refurbished. Different options have been already analysed aiming to identify the best choice to achieve a Net-Zero Energy Building. The second building, managed by the Building Agency of Catalonia has already

been refurbished applying two different systems. The results of both systems will be comprehensively studied.

PE International will be in charge of conducting a case study of a product together with GuT (Gemeinschaft umweltfreundlicher Teppichboden), while Fraunhofer Institute for Building Physics IBP will be responsible for the EeBGuide product development of 5 new components for facade integration which use renewable sources for heat & electricity production.

More information about the case studies and the upcoming training session please visit the project website.



Photo 1. View of the «ZAC Amphithéâtre de Metz» office building. Source: Emmanuel Combarel Dominique Marrec Architectes. Photo 2. View of the ERICLOR detached house. Source: <http://www.maisons-ericlor.com/photo-maison/photo-maison.html>.

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EeB Guide is a European Commission funded project aiming to produce expert guidance for conducting Life Cycle Assessment (LCA) studies for energy-efficient buildings and building products under the framework of Energy Efficient Building (EeB) Initiative.

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