



Project Fact Sheet

Certified European Passive House Designer (CEPH)

Main Information

Key Action:	Design and Implementation of the first European intensive training course for passive house design with final examination leading to certification. Elaborate a comprehensive set of training materials for nine European countries in their respective National languages (including course material for a passive house trainer course).
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Project's Partners	Energie- & Umweltzentrum Allgäu GmbH, Germany Passivhaus Dienstleistung GmbH, Germany La Maison Passive France, France Energieinstitut Vorarlberg, Austria TBZ GmbH/Srl - Technisches Bauphysik Zentrum, Italy Energieonderzoek Centrum Nederland, The Netherlands Passivhus.dk ApS, Denmark Centrum pasivního domu, Czech Republic Inštitút pre energeticky pasívne domy, Slovakia University of Strathclyde, United Kingdom Arkitektskolen Aarhus, Denmark
Project's website:	www.passivehousedesigner.eu
Benefits:	Improvement and assurance of top quality in design and implementation of passive houses
Keywords:	Passive House, Certification, Training
Duration:	01/09/2008 – 28/02/2011
Budget:	€ 1 480 778 (EU contribution: 74 %)
Contract number:	IEE/07/712/SI2.500298

Summary

The project has elaborated the first intense training course for Passive House Designer at European level in seven National languages. This training course has enabled the participants – after the passing of an exam – to obtain the certificate of Certified European Passive House Designer.

The need for such a certification has been analysed by all experts who state a rapidly growing interest for passive house design in many European countries which only can be satisfied through experienced and qualified passive house planners. The project invited all stakeholders with experiences in passive house training as well as passive house network hubs from all relevant countries. Dissemination activities during and after the end of the project have further supported activities for the replication of the training concept, ensuring long-term sustainability. In close cooperation and making use of synergy effects with other ongoing EU activities on passive house, the project was able to accomplish a highly important step towards the development of broad passive house markets in Europe.

Project's results

Result 1	During the project lifetime 19 courses have been implemented in nine European countries: Germany, Austria, UK, Denmark, France, Italy, Czech Republic, Slovakia and the Netherlands. 495 passive house designers have been trained and 317 passive house designers have been certified. 20 training providers in Europe are offering training courses for passive house designers based on the training material developed during the CEPH project.
Result 2	The high quality of the training material and courses has led to a high demand of participants during and after the project lifetime, and to a high demand of requests for the right of use of the CEPH training material. In addition to several course providers in the CEPH countries who did not belong to the CEPH consortium, course providers from seven European Member States in non-CEPH countries asked and obtained the right of use for the CEPH material.
Result 3	The CEPH project developed a high quality standardized set of training materials for a 10 days-training course with 80 teaching units in seven European languages and provided the first European intensive training courses for passive house designers leading to the final certification of a "Certified Passive House Designer". During the CEPH project a Passive House Trainer Course (PHTC) was also established in order to provide a pool of experienced and skilled trainers for passive house designers.
Result 4	A strategy for the long term sustainability of the CEPH training courses have been developed during the projects.
Result 5	Recommendations for policy makers and training courses providers of training courses for passive house designers based on the CEPH training material have been provided during the project.

Lessons learnt

Lesson 1	The training material has to be adapted for the use in different climates and for different construction details according to the local building tradition.
Lesson 2	The trainers responsible for the implementation of the CEPH courses at National level should attend at least the Passive House Trainer Course (PHTC) developed during the CEPH project. A better solution is to attend a CEPH course first and then in addition a Passive House Trainer Course (PHTC) even when the new trainer already has good knowledge in the field of passive houses. As feedback has shown, a high-qualified teacher with good knowledge about passive house design is essential for the success of each training course.
Lesson 3	Non-residential buildings and renovation details with passive house components should be included in the CEPH training material.

Last updated

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