

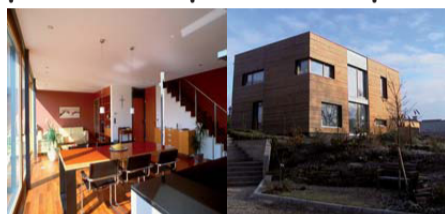
# PASSIVE HOUSE PLANNER COURSE

## European certification - in Umeå

*Sweco's mission is to actively contribute to sustainable development of society, therefore we want to spread knowledge to all our colleagues, within and outside Sweco, as well as to our customers. Therefore we invite You to a practically orientated intensive course, with the possibility to become certified european passive house planner or consultant. European standard at a local level.*

Sustainability is not just a trend or a fashion word, but our only way to the future.

The European Union has set a directive that by 2018 all municipal buildings and by 2020 all new family houses have to be nearly zero energy-buildings. It is not enough that a building is planned to achieve passive house standard, it has to be built in the correct way too. Also the market, the real estate agents, the municipalities, the universities and all other stake holders within construction need to increase their knowledge. To achieve this and spread the technology of passive house planning, the European Union has an ongoing project throughout Europe to educate and certificate Passive House Planners with a common education plan. The founding members of the EU project Energieinstitut Vorarlberg(Austria) and the Passivhausinstitut Darmstadt (Germany) have given their approval of using the education and we are therefore offering the course in Umeå. We will invite speakers with the greatest theoretical and practical experience in passive houses from Austria and Germany.



### Course Content

- The passive house standard
- Passive House Planning Package (PHPP)
- Building Shell
- Passive House Utilities
- Ventilation - Practical Workshop
- Economy of Passive Housing
- Thermal bridge free and airtight construction

To participate in the tutorial, a laptop with the current english version of PHPP software is required (available at [www.passiv.de](http://www.passiv.de)) or buying from the course coordinator (1000kr), please specify in your registration .

The course will be held in english.

**Target group** Suitable for all building planners and building utility experts, with the aim of allowing first access to the field of passive housing or further training for those who are already familiar with the field, such as architects, engineers, builders, craftsmen, constructors, construction managers, real estate agent, energy consultant et al.

**Duration** 10-days divided in three blocks, 25-26 okt, 1-5 nov and 15-17 nov 2010 (each day 8.00-17.00)

**Course Location** Umeå University or the public city library of Umeå

**Course Fee** 30000 kr excl. VAT (excl. certification fee). That includes learning material (in english), lunch and coffee every day. 10% will be paid after registration, 90% 3 weeks before course start.

**Certification** Examination date for certification 4 dec 2010. Fee set by CEPH. (ca 5000 kr)

### Confirmation of participation

if 80% of the course hours are attended, Sweco will issue a confirmation of participation

**Registration** Send an email [thomas.greindl@sweco.se](mailto:thomas.greindl@sweco.se) with your name, occupation, way of obtaining PHPP, a short presentation of your previous interest and/or knowledge and your billing address.

**Deadline for registration is the 31 of august 2010**

**Information** you will find useful information about passive houses, the european passive house project, the certification etc. at [www.passivehousedesigner.eu](http://www.passivehousedesigner.eu), [www.cepheus.de/eng](http://www.cepheus.de/eng) , [www.passiv.de](http://www.passiv.de) For all questions, please contact course coordinator [thomas.greindl@sweco.se](mailto:thomas.greindl@sweco.se), +46 (0)76 -8290156

