



Expansion of the Passive House Institute's Professional Certification System



For more information please contact designer@passiv.de

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For many years the Passive House Institute (PHI) is offering a training and certification system for building designers and tradespeople. This system is now being expanded to take the further education of other professional groups into consideration, as well as activities that are important for the construction of Passive House buildings.

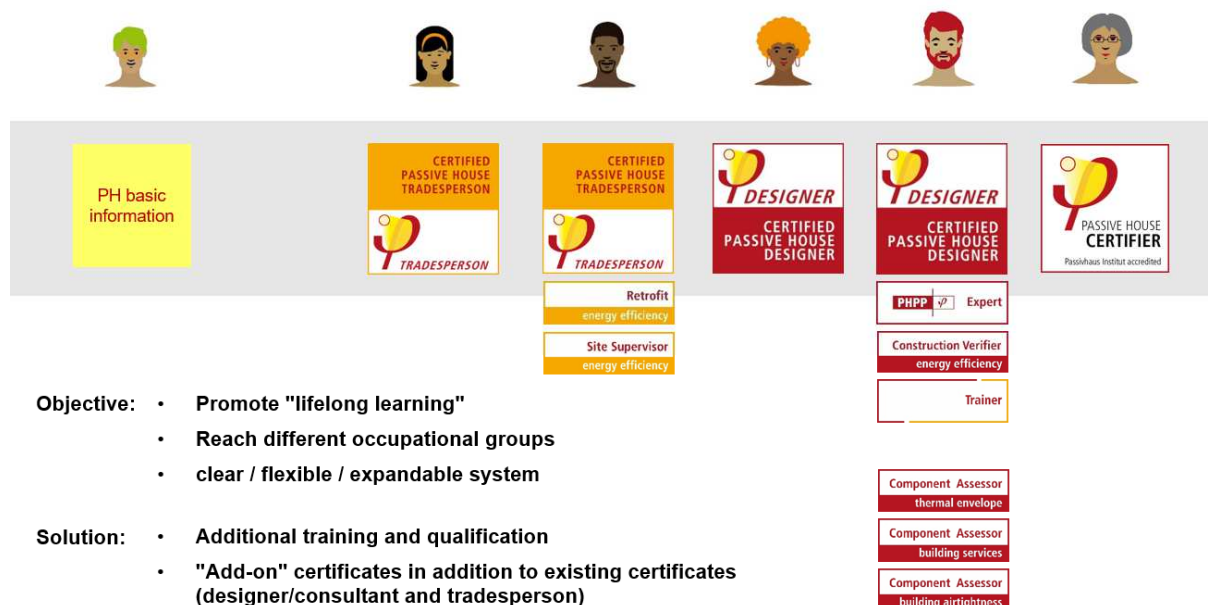
PHI has developed a flexible system that allows future expansions and also promotes "lifelong learning" and the gradual acquisition of Passive House knowledge.

The expansion envisages that additional training will be certified as an "add-on" to the previous Passive House Designer or Tradesperson seals. The new "add-on seals" are therefore used in conjunction with the associated "master seal" (Designer/Consultant or Tradesperson seal).

PHI offers course materials, exams and the additional certificates and seals for these new training courses and qualifications. A renewal of the added certificates is not necessary, it is included in the renewal of the existing main certificates. Additional training can continue to be used for certificate renewal via credit points even if extra certificates are acquired with the same training.

As with the main certificates, the additional certificates are to be used on a personal basis. Exams for additional certificates are offered during the examination dates for the main Passive House Designer and Tradesperson certifications.

Overview of introduced and planned additional certificates:



"PHPP Expert": first exam on 23.03.2019, next course at PHI in November 2019

"Trainer" and "Component Assessor": please contact PHI

Tradesperson certificate: Additional qualifications

1. Energy efficient Coordination of Construction Sites



Responsibility of the certificate holder:

- Link between tradesperson and site management/design

Requirements for the acquisition of the additional certificate:

- Passive House Tradesperson Certificate
- Additional training / qualification: profound tradesperson and construction site knowledge, basic PHPP knowledge

2. Energy efficient Retrofit



Responsibility of the certificate holder:

- Construction work in the field of retrofit for small projects

Requirements for the attainment of the additional certificate:

- Passive House Tradesperson Certificate
- Additional training / qualification: Retrofit, PHPP basics, PHPP sheets Variants and Comparison

Designer certificate: Additional qualifications

3. PHPP Expert



Responsibility of the certificate holder:

- PHPP input for bigger projects
- Calculation of thermal bridges

Requirements for the attainment of the additional certificate:

- Passive House Designer Certificate
- Additional PHPP course and exam regarding the topics: Non-residential building, refurbishment, PHPP-sheets Variants and Comparison, designPH, BIM, thermal bridges

4. Energy efficient Construction Supervision



Responsibility of the certificate holder:

- Link between building site and certification
- Link between designer and building certifiers

Requirements for the acquisition of the additional certificate:

- Passive House Designer Certificate
- Additional training / qualification: profound construction site knowledge / - experience, quality assurance

5. Passive House Trainer



Responsibility of the certificate holder:

- Instructor for courses for designers and tradespeople

Requirements for the acquisition of the additional certificate:

- Passive House Designer Certificate
- Experience in the field of further education / training / lectures
- Profound knowledge and experience (certified projects) regarding Passive House buildings, building physics, building site experience
- Completion of the Train-the-Trainer course
- Conclusion of contract with PHI and iPHA membership

6. Component Assessor



Responsibility of the certificate holder:

- Advising product manufacturers and preliminary examination of submitted documents for component certification

Requirements for the acquisition of the additional certificate:

- Passive House Designer Certificate
- At least 3 component certifications together with PHI
- Conclusion of contract with PHI
- iPHA membership
- Independence from product manufacturers

The additional certificates "PHPP Expert", "Trainer" and "Component Assessor - thermal envelope" are already introduced, including the necessary course materials and an additional examination for the "PHPP Expert" certification. The development and introduction of the remaining additional certificates is planned for 2019.

Passive House Institute, Darmstadt, January 2019

This additional knowledge transfer and certification system was developed as part of the EU's AZEB (Affordable Zero Energy Buildings project) to improve and therefore cost optimise the procedure of planning and constructing Passive House buildings.



Affordable Zero
Energy Buildings



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 754174