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## Masterclass: Step-by-Step Retrofit

**Date:** 1 November 2016

**Time:** 11.00 - 17.00

**Location:** Collins Building CL205, Strathclyde University, Glasgow

**Cost:** PHT members: £150 + VAT; Non-members: £200 + VAT



### Summary:

Whilst a comprehensive retrofit is considered the best way to increase energy efficiency in existing buildings, for financial or contractual reasons it is not always possible. For these reasons the Passivhaus Institute has recently released a Step-by-Step approach towards achieving a certified Passivhaus/EnerPHit building.

As each part of the building has a life span it isn't always necessary or affordable to replace certain elements of a building under one contract. Jessica Grove-Smith from the Passivhaus Institute will be introducing the new step-by-step approach to retrofit with a review of the tools and guidance within PHPP to help deliver energy efficient buildings over a longer period.

### Key topics:

- Retrofit with certified components
- Planning Retrofit in PHPP v9
- Retrofit solutions, economic assessment and more
- Pre-certification of step-by-step retrofit projects

### Programme:

11.30 - 11.45 Registration & refreshments

11.45 - 11.55 Introduction from the Trust

11.55 - 12.45 Part 1: EnerPHit - retrofit with PH components

12.45 - 13.30 Part 2: Planning retrofit projects with PHPP v9

13.30 - 14.00 Lunch

14:00 - 14.50 Part 3: Working with PHPP v9: Variant calculations

14.50 - 15.45 Part 4: Working with PHPP v9: Retrofit solutions, economic assessment and more.

15.45 - 16.00 Refreshment break

16.00 - 16.40 Part 5: EnerPHit Retrofit Plan, planning and pre-certification of step-by-step retrofit projects

16.40 - 17.00 Questions and discussion

17:00 Close

**Please note: The programme may be subject to change.**

***Booking:***

To book, contact [roger@passivhaustrust.org.uk](mailto:roger@passivhaustrust.org.uk).

***Further information:***

For more information on the Passivhaus Institute's Step-by-Step retrofit approach, visit <http://europhit.eu/step-by-step>.

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