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TRAIN-TO-NZEB Fourth Meeting and Train-the-Trainer session (03.11.2016 – 04.11.2016)

THE PASSIVE HOUSE: WHAT DO WE NEED TO KNOW?

Day 1

Date: 03 November 2016
Location: University of Architecture, Civil Engineering and Geodesy (new building)
Address: 1, Hristo Smirnenski Blvd, 1164 Sofia, Bulgaria
Timing: 09:00 – 16:00

TRAIN-THE-TRAINER SESSION

8:30 – 9:00	Arrival and registration
9:00 – 9:45	Summary of Passive House bases and overview of PHPP <i>Art McCormack, Passive House Academy</i>
9:45 – 10:30	Certification and quality assurance: the certified training schemes by PHI. Economics/Energy cost comparison between PH and Normal <i>Wolfgang Hasper, Passive House Institute</i>
10:30 – 11:00	Coffee break
11:00 – 11:45	Insulation , including Lamda and U-values and materials demo <i>Passive House Academy</i>
11:45 – 12:30	Thermal (and repeating) thermal bridging <i>Passive House Academy</i>
12:45 – 13:30	Lunch
13:30 – 14:15	Increased airtightness and site examples <i>Passive House Academy</i>
14:15 – 15:00	Passive House windows and doors, including U-value calculation demo <i>Passive House Academy</i>
15:00 – 15:15	Break
15:00 – 15:45	Description of mechanical ventilation systems and training, including systems suited to retrofitting <i>Passive House Academy</i>
16:00	Closing of the first day



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Day 2

Date: 04 November 2016
Location: University of Architecture, Civil Engineering and Geodesy (new building)
Address: 1, Hristo Smirnenski Blvd, 1164 Sofia, Bulgaria
Timing: 09:00 – 16:00

TRAIN-THE-TRAINER SESSION (cont)

09:00 – 10:00 **Explain (PHA) and sketch building envelope demonstration models and then describe the envelope re continuity of key energy-related components as a examples of integrated construction systems** (Participants)
Passive House Academy / participants

10:00 – 10:30 Coffee break

10:30 – 11:30 **Construction and energy performance of 4 case study retrofits**
Passive House Academy

11:30 – 12.30 **Demonstration of a sample PH design solution**
Passive House Academy / participants

12:30 – 13:30 Lunch

13:30 – 16:00 **Presentations by Bulgarian BKH trainers and guest lectors (tbd)**

16:00 Closing of the TTT course