

NATIONAL WORKSHOP AND TRAINING COURSE AGENDA

Country: IRELAND

Project partner(s) involved: SLR

Lecturer(s) name(s): N. O’Neill – R. Pasquali – N. Wall – J. Byrne – P. Hemmingway (SEAI – TBC), T. Hunter Williams (GSI-TBC)

Time	Topic	
8:45 – 9:00	GENERAL Course Welcome and introduction	
9:00 – 9:30	Geological mapping, climatic data and energy requirements <ul style="list-style-type: none"> • Ground Source Heat Exchanger Suitability Ireland 	
9:30 – 10:00	Design fundamentals for GSHP systems	
10:00 – 10:30	General Overview of Ground Heat Exchanger Types & Installation Cheap-GSHPs Ground Heat Exchanger Types & Installation <ul style="list-style-type: none"> • Helicoidal GSHE and drilling machine developments • Coaxial GSHE and installation machine development 	
10:30 – 11:00	Coffee break	
11:00 – 11:30	SOFTWARE AND MODELLING TOOLS Practical session – use of the DSS tool – EXPERT	SOFTWARE AND MODELLING TOOLS Practical session – use of the DSS tool – Basic User
11:30 – 12:00	Environmental Impact, Risk Assessment, Standards & Regulations	
12:00 – 12:30	Standards and Regulations in Deploying GSHP systems in Ireland	
12:30 – 13:00	Case Study Presentation – Demonstration of Cheap-GSHPs case studies	
13:00 – 14:00	Lunch break	
14:00 – 14:30	Practical session – use of the DSS tool – EXPERT	Practical session – use of the DSS tool – Basic User
14:30 – 15:00	Cheap-GSHP technologies potential for deployment in Ireland	
15:00 – 15:30	General conclusions Handover of the filled-in questionnaires	