



Workshop & B2B Meeting: Thermal Energy Storage Systems for Energy Efficient Buildings

22nd June 2017

RUB ID E04/401, Universitätsstraße 150, 44801, Bochum

AGENDA

| | | |
|---------------|--|---|
| 09:00 – 09:10 | Welcome | Ruhr-Universität Bochum, Germany (RUB) |
| 09:10 – 09:30 | The TESSe2b project: Thermal Energy Storage Systems for Energy Efficient Buildings | Polytechnic Institute of Setúbal, Portugal (IPS) |
| 09:30 – 09:50 | The CREATE project: Compact RETrofit Advanced Thermal Energy storage | Vaillant Group, Germany (Vaillant) |
| 09:50 – 10:15 | Innovative use of Phase Change Materials (PCMs) for renewable heating and cooling | Phase Change Material Products Ltd, United Kingdom (PCM Products) |
| 10:15 – 10:40 | Protective layers for hydrated salts and Nanoparticle Enhanced PCM (NEPCM) for improved thermal conductivity | University of Ioannina, Greece (UOI) |
| 10:40 – 11:05 | Development of heat exchangers and PCM tanks for heating, cooling and Domestic Hot Water (DHW) | Central Greece University of Applied Science, Greece (TEISTE) |
| 11:05 – 11:20 | COFFEE BREAK | |
| 11:20 – 11:45 | Geothermal heat pumps with PCM in boreholes | Geoteam Technisches Büro für Hydrologie, Geothermie und Umwelt GmbH, Austria (GEOTEAM) |
| 11:45 – 12:10 | Demonstration of the TESSe2b system in residential houses in Austria, Cyprus and Spain and their energy analysis | GEOTEAM, IPS, TEISTE |
| 12:10 – 12:35 | Control and monitoring system for high energy and cost efficiency | RUB, Warsaw University of Life Sciences, Poland (SGGW), Centre for Renewable Energy Sources and Saving, Greece (CRES) |
| 12:35 – 13:00 | Exploitation of research results and transfer to market | CRES |
| 13:00 – 14:15 | LUNCH | |
| | B2B meetings on: | |
| | <ul style="list-style-type: none"> PCMs and their applications | PCM Products, UOI |
| 14:15 – 15:15 | <ul style="list-style-type: none"> Business-Economics & Marketing Control and monitoring systems applied to thermal energy storage and HVAC Systems B2B meeting on HVAC systems based on thermal energy storage | CRES RUB, SGGW IPS, CRES, Vaillant, TEISTE |
| 15:15 – 15:30 | COFFEE BREAK | |
| 15:30 – 16:30 | B2B meetings – Continuation | |

