

Workshop

A new era for high performance buildings using BIM

<http://ises.eu-project.info>

Final results of the EU Project “**ISES - Intelligent Services for Energy-Efficient Design and Life Cycle Simulation**” to be presented at a workshop during the Int. Conference **EinB2014**

Location: Ledra Hotel, Athens, Greece

Date/Time: November 15, 2014 / Doors open at 09:00 and the event will start at 09:30

	Welcome by the ISES project coordinator <i>Prof. Raimar J. Scherer, TU Dresden, Germany</i>	09:30 - 09:35
1.	Introduction of the ISES project and the ISES Virtual Energy Lab Virtual Energy Lab Walkthrough <i>Ken Baumgärtel, Mario Gürtler & Peter Katranuschkov, TU Dresden, Germany</i>	09:35 - 10:00
2.	The ISES pilots <i>Tobias Mansperger, Leonhardt, Andrä und Partner, Germany</i> <i>Uros Leskovsek, Trimo d.d., Slovenia</i>	10:00 – 10:20
3.	Behind the Scene I: Preparing the energy extended BIM environment (eeBIM) <i>Ken Baumgärtel & Mathias Kadolsky, TU Dresden, Germany</i> <i>Tuomas Laine, Granlund Oy, Finland</i>	10:20 – 10:40
4.	Behind the Scene II: Integrating external resources in the eeBIM framework <i>Gudni Gudnason, Innovation Centre Iceland</i> <i>Vitaly Semenov, ISPRAS, Russian Academy of Sciences, Moscow, Russia</i>	10:40 – 11:00
	Coffee Break	11:00 – 11:30
5.	Sensitivity Simulations with the ISES Virtual Energy Lab <i>René Hoch & Peggy Freudenberg, TU Dresden, Germany</i> <i>Tuomas Laine, Granlund Oy, Finland</i>	11:30 – 12:00
6.	Consideration of stochastic input and sensitivity analysis using eKPIs <i>Costas Balaras, National Observatory of Athens, Group Energy Conservation, Greece</i> <i>Symeon Christodolou, UCY School of Engineering, Cyprus</i>	12:00 – 12:30
	Q&A	12:30 – 13:00
	Lunch Break	13:00 – 14:00
7.	Parallel full building simulation of design alternatives – the ISES approach <i>René Hoch & Prof. John Grunewald, TU Dresden, Germany</i> <i>Matevz Dolenc, University of Ljubljana, Slovenia</i>	14:00 – 14:20
8.	Decision making with the ISES Virtual Energy Lab <i>Tuomas Laine & Francisco Fornis-Samso, Granlund Oy, Finland</i>	14:20 – 14:40
9.	Detailed computational fluid dynamics analysis of design alternatives <i>Byron Protopsaltis & Theodora Pappou, SOFiSTiK Hellas, Greece</i>	14:40 – 15:00
10.	Behind the Scene III: Cloud computing <i>Matevz Dolenc & Robert Klinc, University of Ljubljana, Slovenia</i> <i>Thrasos Rekouniotis, SOFiSTiK Hellas, Greece</i>	15:00 – 15:15
	Coffee Break	15:15 – 15:45
11.	Lessons learned and wrap up <i>Tobias Mansperger, Leonhardt, Andrä und Partner, Germany</i> <i>Peter Katranuschkov, TU Dresden, Germany</i>	15:45 – 16:00
12.	Panel discussion	16:00 – 16:30
	Close	16:30