

Agenda

Managing Green Building Projects

March 10th, 2011, Bucharest

March 11th, 2011, Brasov

8:45 am -9:00 am | Registration & Welcoming Coffee

9:00 am - 1 1:00 am | Training

9:00 am - 9:15 am

Introducing the trainer, the participants, and the objectives of this training

9:15 am - 9:45 am

why green buildings – why go for certification?

- Building certification standards overview
- Comparison
- LEED, BREEAM, DGNB, SIA
- Eight points of thought for successful green building projects

9:45 am -11:00 am

best practice I – build the right thing right now

Passivhaus principles applied

PlusEnergy homes and the EU building directive

PlusEnergy homes in oxNRG+ building trademark

sustainability qualities and general incentives

- process quality
- object quality
- site quality

the oxNRG+ home single family home design

- PlusEnergy homes – why buy, how sell?
- future concept extensions

11:00 am - 11:15 am | Coffee Break

11:15 am - 1:00 pm | Training

11:15am – 12:15pm

why green building II – “time is money”

what are good sustainable building projects?

sustainability instruments – qualities and goals

- sustainability standards applicability
- integral planning instruments
- lifecycle project development
- overall lifecycle, costs analysis and optimization strategies

12:15pm – 1:30pm

best practice II - public building modernization (PlusEnergy Kindergarten)

diagnosed “hopeless case”: 1968 child daycare centre.

building analysis and cost situation, modernisation variants,

goals and rationale, economic Potentials

- utilisation costs - modernisation costs – *modes of project amortisation*
- plus-energy / zero-energy modernisation – more than an option
- moving the costs - tenant finance model in public real-estate management
- getting the team on board - contracting and intracting realisation models
- Generalizations

1:30 pm - 2:30 pm | Lunch

2:30 pm – 4:30 pm – Training

2:30 pm - 3:15pm

why green building III – outlook and theory in practice

the **business case for green buildings** / project experience / ecoBiblioteca integrated design session

3:15 pm - 4:15pm

Best practice – outlook and theory in practice

project experiences from Romania

4:15 pm - 4:45 pm

why green building III – 8 project success factors, goals and measures

key factors: goals and measures

- think certification (Identify good and bad projects)
- think lifecycle (maintenance)
- think lifecycle (utilization)
- think lifecycle (conversion)

- think lifecycle (costs: building, maintenance, conversion, utilization + energy)
- communicate (know your clients cost and investment model)
- communicate (build the right project consortium)
- communicate (organize, collaborate, Involve users)
- think certification (Know your project's quality goals)
- sustainable = future ready?

Directive 2010/31/EC on the energetic performance of buildings directive
market added value – what customers really want.

Trainers Profile

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Hannes Guddat

Dipl. Ing, BA Arch. - founder & managing partner of 'soap'

Mr. Guddat holds a diploma in Electrical Engineering and Bachelor of Architecture from the Technical University in Darmstadt/ Germany and has worked for many years as a researcher in energy efficient building design at the TU Darmstadt; a world leader in green building education and research. For the Fraunhofer Institute/Germany, Mr. Guddat worked from 1999 - 2004 in software development and realtime multimedia streaming applications in virtual environments.

Mr. Guddat is a founder and managing partner for soap - sustainability office for architectural projects GbR - and has extensive architecture, engineering and consulting experience in the design, construction and operation of top-performing green buildings. At 'soap' he successfully conducted several consultations for energy concepts and modernisations for companies such as Stiebel-Eltron, the Häußler Passivhaus window company, or the municipality of Darmstadt.

Mr. Guddat played a leading role in developing the oxNRG+ trademark, a consultation project to build competitive PlusEnergy homes following an customer-specific overall sustainability concept, incorporating results from intensive engineering and simulation as well as the integration into the company's planning and building process.

Currently Mr. Guddat is consulting the municipality of Darmstadt in their effort to renovate kindergardens and child daycare facilities with cutting-edge sustainable building design strategies, involving the successful implementation of zero and plusEnergy building design based on a lifecycle costing approach.

Mr. Guddat was a member of the winning project team of the U.S. Department of Energy's "Solar Decathlon" in 2007 producing a "Net Positive" energy building through energy efficiency and integration of renewable energy. An active member of the Romania Green Building Council since 2009, Mr. Guddat has conducted several highly recognized lectures for the RoGBC.

Steven Borncamp

BA in Economics, MA in International Relations - founder & managing director of SOPOLEC, a founder and president of the Romania Green Building Council from 2008 to present, Chairman of Build Green Central Eastern Europe

Mr. Borncamp holds a Bachelor in Economics from the University of California/ San Diego and holds a Masters in International Relations from Tufts University's Fletcher School of Law and Diplomacy. He was an early advocate of sustainable development and socially responsible business having joined in 1993 the First Affirmative Financial Network - one of the pioneering investment companies in the field.

Mr. Borncamp founded SOPOLEC in 2005, an innovative business and technology consultancy company dedicated to supporting and growing environmentally responsible businesses. Through prior work at SOPOLEC and KPMG Consulting / BearingPoint he has provided strategic advice and managed complex business and technology projects for leading companies across the Central and Eastern European region and throughout the United States.

Mr. Borncamp led the team that organized the Romania Green Building Council, two "Build Green Central Eastern Europe" conferences in Bucharest and Budapest and numerous other green building initiatives for the region. He has worked to create a comprehensive and proficient marketplace of green building solution providers, and developed and launched building projects including three exemplary green building demonstration projects.

Alinda Dudu

Alinda Dudu, works as senior architect and sustainability analyst for Epstein Architecture and Engineering in Bucharest. She has a Master's degree in Sustainable Architecture and collaborated with UrbanProiect in the writing of a guide for the protection of the ecologically fragile areas. She is currently involved in the LEED certification process of two office buildings in Bucharest, the first buildings in Bucharest seeking this type of green certification.

Carmine Bottigliero

Carmine Bottigliero graduated from the University of Illinois Urbana-Champaign with a degree in civil engineering and has pursued a career in construction management. Carmine has worked on several large roadway and infrastructure projects as well as several industrial and commercial building projects throughout the United States and is currently working on a large industrial project in Ploiesti, Romania. He has played a role in the sustainable design and construction of a call center located in Iowa, USA, as well as a 1 MW photovoltaic solar project in New Jersey, USA. Carmine is a firm believer in sustainable design and construction and the value it provides to the environment and the inhabitants of green buildings.

Arh. Silvia Demeter-Lowe

Arh. Silvia Demeter-Lowe, has an experience of ten years in the architectural conservation and the ecological architecture in Great Britain. She graduated the Ion Mincu Architecture and Urbanism Institute and the Oxford Brookes University the architectural conservation specialty, and benefited from the SPAB scholarship (Society for the Protection of Ancient Buildings, UK). She was also involved in the research, approval and promotion of ecological construction materials and worked with a varied range of green projects, from distribution centers (Adnams Brewery, Suffolk UK) to the rehabilitation of rural settlements in Transilvania. At the moment she works in Romania at her own architecture office, SC Context Architecture SRL.