

Construieste Verde! – October 14, 2008

Conference Agenda

[9:00 - 9:30] Registration & Welcoming Coffee

[9:30 - 11:30] EPBD Training - "How to get an A rating"

Speakers [the full speaker profiles are listed on the last pages]

Prof. Emilia Cerna Mladin Ph.D. – *Mechanical Engineering Department, UNESCO Chair of Engineering Sciences, University Politehnica Bucharest*

Prof. Dorin Beu Ph.D. – *Lighting Engineering Center, Technical University of Cluj-Napoca*

Teodor Teretean, Ph.D. – *Technical University Bucharest, University Politehnica Bucharest*

- **Energy Performance of Buildings Directive (EPBD) – Romania**
 - Important definitions and benchmarks in a building energy certification
 - Energy certificate content
- **Architecture and vicinity – Passive solutions**
 - Orientation, natural lighting/ventilation, shading systems, greenhouses, green roofs and walls
 - Case Studies: residential and office buildings
- **Building envelope - technical and economic optimum**
 - Thermal insulation
 - Thermal bridges and condensation
- **Heating systems**
 - Classical technologies: condensing boilers, co-generation thermal plants
 - Unconventional systems: earth tubes, geothermal heat pumps
- **Ventilating and Air Conditioning systems**
 - Conventional vs. unconventional solutions
- **Lighting systems**
 - Conventional vs. unconventional solutions

[11:30 - 12:00] Coffee Break

[12:00 - 13:30] Green Building Training sponsored by



Stephen Scrivens – *Principal, Landscape Technology*

Hadley Barrett – *Founder of Oxford Management*

Frederic Petrignani – *General Manager, Oxford Management OÜ*

Bogdan Draganescu – *Operations Manager, WSP Group*

- **The financial case for green buildings**
 - Investments
 - Modeling for sustainable construction
 - Returns generated
- **Planning, management & documentation**
 - National and local government energy policies, building and safety regulations
 - Building codes, permits and approval process
 - Project management collaboration
- **Water issues | Water – A dangerous friend?**
 - Erosion, sedimentation control, flood risk
 - Storm water management, water borne pollution reduction

- **Site location | *In balance with your surroundings***
 - Development density, protect/restore open space, protect ecological value of site/ reduce site disturbance
 - Landscape & exterior design to reduce heat island effect (roof & non-roof)
- **Recycled Materials | *Why use new when you can recycle?***
 - Brownfield redevelopment, reuse of existing structures, divert from landfills
 - Building reuse, recyclable content, rapidly renewable, local/regional content, certified wood
 - Construction waste management, NOx emissions, composting, property maintenance, etc.
- **Transportation issues | *But I love my car?***
 - Underground parking
 - Public and alternative transportation
 - Parking capacity and carpooling
- **Water preservation and efficiency | *Conserving water – every little helps***
 - Indoor water use, water use reduction
 - Innovative waste water technologies
 - External water use, water efficient landscape
 - Contamination
- **Ventilation & indoor air quality | *Please can we breathe clean air?***
 - Air exchange, ventilation and permeability & minimum IAQ performance
 - NOx emissions
 - Environmental Tobacco Smoke (ETS) control
 - Carbon Dioxide (CO2) monitoring
- **Interior design and materials used | *Does the furniture make you feel sick?***
 - Interior design and furniture
 - Low emitting materials (paints, adhesives, sealants, carpet, composite wood, agrofiber)
 - Sound insulation
- **Facility management | *The friend you should never need to meet***
 - Maintenance manuals
 - Commissioning
 - Servicing
 - Waste management
 - Monitoring consumption
 - Controlling costs

[13:30 - 15:00] Lunch Break

[14:30 - 15:00] Press Conference

[15:00 - 18:00] The RoGBC Launch Event

- **Opening Remarks**

Daciana Sarbu – *Member of the European Parliament*

- **RoGBC Presentation**

Steven Borncamp – *CEO of the Romania Green Building Council*

- What is the RoGBC? / Activities
- Breaking the "Circle of Blame"
- Getting Involved / Membership

- **Examples of green construction projects**

Daiana Voicu – *Managing Director, Willbrook Management International*

Graham Reece – *Senior Vice President / Regional Director of Project Management
ProLogis Central & Eastern Europe*

Oana Dicu – *Industrial Affairs Manager, Holcim Romania*

[16:30 – 16:45] Coffee Break

- **Examples of green construction projects (continued)**

Ing. Silviu Chirmus – *Territorial Representative, Somfy*

Corina Truica – *Managing Partner, CEMS Tehnologii*

Tudor Trita – *Manager - ARCHIBUS Solution Center Romania*

Cristophe Weller – *Managing Partner, Corporate Office Solutions*

Hadley Barrett – *Founder of Oxford Management*

Frederic Petrignani – *General Manager, Oxford Management OÜ*

David Lawrence – *European Director for Construction and Development AIG Lincoln*

[18:00 – 20:00] Cocktails, Light Dinner, Networking Opportunities

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