

# SUSTAINABLE construction materials - AGENDA

March 19 - Crowne Plaza Hotel, Bucharest, Romania

Listen, learn, discuss and network with the key experts and practitioners in energy efficient and ecological construction.

## The Workshop Structure:

[09:00 - 09:30] – Registration & welcoming coffee

[09:30 - 09:40] – Business to Business Introductions

[09:40 - 11:15] – Introduction/ General Concepts

- *Opening Comments*
- *The concept of sustainable development and sustainable construction*
- *What is a green building product or material?*
- *Green building material/product selection criteria*
- *Government initiatives and legislation in support of sustainable construction materials*
- *Private sector demand drivers for better materials*



[11:15 - 11:45] – Coffee Break

[11:45 - 13:15] – Sustainable construction materials

- *The voluntary green building certification schemes (LEED, BREEAM, etc.)*
- *The “cradle-to-cradle” (C2C) concept*
- *ISO14001*
- *Concept of embodied energy and its consideration in green building certification*

[13:15 - 14:15] – Lunch

[14:15 - 14:25] – Business to Business Introductions

[14:25 - 16:15] – Sustainable materials in detail

*Structure & Walls:*

- *Concrete and alternatives to regular concrete*
- *ICF and SIP alternatives for concrete buildings*
- *Concrete wood forms*
- *Wood-frame construction*
- *Structural insulated panels*
- *Straw bale construction*
- *Earth-based techniques*
- *Brick walls*
- *Steel and steel-framing*

*Insulation:*

- *Insulation*
- *Joint fillers*
- *Sealants*

*Roofing:*

- *Roofing*
- *Coverings to flat roof membranes*
- *Gutters*

[16:15 - 16:45] – Coffee Break

[16:45 - 18:30] – Sustainable materials in detail - *continued*

*Framing, glazing & natural lighting:*

- *Window framing*
- *Glazing*
- *Solar protection materials*

*Installations:*

- *External drainage*
- *Above ground drainage*
- *Water supply & heating pipe work*
- *Electrical cable*

*Interior & finishing:*

- *Paintwork*
- *Wall finishes*
- *Durable interior finishing*
- *Wooden floors*
- *Recyclable floor finishes*

*Outdoor:*

- *Hard landscape paving*
- *Garden divisions*
- *Bin stores*

[18:30 - 21:00] – Dinner / Networking

### **Trainers:**

**Florin DOBRESCU** – *General Manager of Star Dome and Technical Advisor for the Romania Green Building Council*

Mr. Florin Dobrescu is designer and eco-entrepreneur developing an innovative modular green housing system based on patent pending geodesic domes. His work has involved analysis, categorization and experimentation with a wide array of alternative building technologies. Mr. Florin Dobrescu had prior involvement with the construction industry focused on energy-efficient buildings based on Insulated Concrete Forms (ICF) technology. Mr. Florin Dobrescu also serves as a technical advisor and trainer for the Romania Green Building Council.

**Steven BORNCAMP** – *President of the Romania Green Building Council*

Mr. Steven Borncamp was an organizer and founding member of the RoGBC and last April's "Build Green CEE" conference in Romania and numerous other green building initiatives for the region. He has provided strategic advice and managed complex projects for leading multinational companies across a variety of industries in the Central and Eastern European region and the US. Steve 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. He studied Economics at the University of California, San Diego and has a Masters degree in International Relations from Tufts University's Fletcher School of Law and Diplomacy.

**Iulia DEGERATU** – *Public Manager, the Ministry of Environment*

Mrs. Iulia Degeratu works as a Public Manager for the Ministry of Environment. She graduated from the University of Bucharest, with a MSc in Systems Ecology and Sustainable Development. She is a member of the High Level Working Group on the Implementation of ETAP (The Environmental Technologies Action Plan) of the European Commission and she coordinates its implementation nationally. Mrs. Iulia Degeratu is particularly involved in promoting eco-innovation in Romania, through setting up pilot schemes such as the ECOREG project, which aims to test the Industrial Symbiosis approach in Romania.

**Anamaria Stroia** – *Public Manager, the Ministry of Environment*

Anamaria Stroia is a Public Manager working at the Ministry of Environment. A valuable member of the sustainable production and construction team, she is the coordinator of the Romanian Green Public Procurement policy, working in drafting the legislative framework, attracting projects and promoting GPP in Romania. Ms. Stroia holds a Bachelor degree in Public Administration from Babes-Bolyai University in Cluj-Napoca and a Master in Public Management from Potsdam University (Germany). The last six years of her career were dedicated to environmental protection policies. Her approach was both scientific (by editing books and articles in the field) as well as practical (Ms. Stroia worked in an European project dedicated to the improvement of air quality, afterwards joining the Sustainable Consumption and Production team of the Ministry of Environment).

More trainers will be confirmed shortly.