

# Legal Requirements and Voluntary Certification for Green Buildings

September 18, 2013, Bucharest



A full day course focused on current and impending European and National legislation and emerging international building rating / certification tools that are dramatically changing how buildings are designed, constructed, operated and deconstructed.

Among other legal topics, the course covers European legislation including the upgraded Energy Performance for Buildings Directive and Construction Waste Directive as well as national legislation changes.

In addition, participants will learn about the internationally recognized building rating tools that are increasingly demanded by investors, developers and building owners in the domestic, regional, and international markets.

## Location

RoGBC office, Str Ialomicioarei, no. 21, district 1, Bucharest

**Map is available on the website.**

## Agenda

9:00 am | Coffee and registration

9:30 am – 4:30 pm | Training \*

\* Coffee Breaks will be provided.

## The prices for attending this course

- RoGBC member | individual - **125** Euro
- Non-member | individual - **195** Euro

# Trainers Profile

## Legal Requirements and Voluntary Certification for Green Buildings

September 18, 2013, Bucharest

### Luiza Manolea

degree in European Studies, Official Lawyer at the Luiza Manolea Law Office

Mrs. Manolea is a graduate of the Law School/ University of Bucharest/ Romania and holds a Masters degree in European Studies of the Franco-Romanian Juridical College Paris/ France. She is practicing law as an independent attorney-at-law in Bucharest, being specialized in sustainable construction law, renewable energy legislation, public procurement law and business law.

### Elena Rastei, Sustainability Researcher

BA, LEED AP| vice-president of The Institute for Ecotechnology and Applied Research - ECA | lecturer at the Technical University of Cluj-Napoca

Elena holds a Bachelor of Arts in Philology from the University of Alba Iulia and conducted master studies within the program „Sustainability and Environmental Management” at Harvard University, Massachusetts. She is pursuing a Masters Program in “Interdisciplinary Design for the Built Environment”, a joint degree in Engineering and Architecture at Cambridge University, UK. The main focus of her research work includes indoor environmental quality, urban mining and closed loop economy.

She provides sustainability consultancy services in LEED, BREEAM and DGNB, designs workshops for the formal and non-formal education sector, lectures in „Sustainable Buildings” at the Technical University of Cluj-Napoca-CPADDD and is involved in humanitarian writing.

ECA Institute is one of the founding members of Zero Waste Romania initiative which promotes the closed loop economy concept.

## Agenda

### Legal Requirements and Voluntary Certification for Green

# Buildings

September 18, 2013, Bucharest

## **9:00 am - 9:30 am | Registration & Welcoming Coffee**

## **9:30 am - 10:50 am | Training**

**Trainer | Luiza Manolea**

**9:30 am - 09:40 am**

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

**09:40 am - 90:55 am**

Key elements of "green" buildings: from blueprints to deconstruction

**90:55 am - 10:05 am**

How different pieces of European and national legislation apply

**10:05 am - 10:20 am**

Legal framework applicable to "green" buildings

**10:20 am - 10:35 am**

Drill: differences between energy auditors(Directive 2006/32/CE vs Directive 2002/91/CE)

**10:35 am - 10:50 am**

Case-law Safety obligations provided in the Directive 92/57/CEE on the implementation of minimum safety and health requirements at temporary or mobile construction sites

## **10:50 am - 11:00 am | Coffee Break**

## **11:00 am - 12:30 am | Training**

**11:00 am -11:25 am**

Energy performance of buildings: applicable legislation, critical changes, milestones

**11:25 am – 11:40 am**

Energy performance certificate: applications

**11:40 am -12:15 am**

Energy efficiency: applicable legislation, critical changes, milestones

**12:15 am -12:30 am**

Renewable energy in buildings: applicable legislation, critical changes, milestones

**12:30 am - 12:40 am | Coffee Break**

**12:40 pm - 1:30 pm | Training**

**12:40 am - 12:50 am**

Eco-labeling for buildings

**12:50 am - 1:00 pm**

Eco-design requirements for energy-using and energy-related products

**01:00 pm - 1:10 pm**

Construction products

**01:10 pm - 1:20 pm**

Construction waste

**01:20 pm - 1:30 pm**

Environmental related aspects: water quality, indoor air quality

**1:30 pm - 2:00 pm | Lunch Break**

## **2:30 pm – 4:30 pm | Training**

**Trainer | Elena Rastei**

**2:30 pm - 2:45 pm**

Introduction

**2:30 pm - 3:30 pm**

Evaluation Methods in Various Prevalent Environmental Rating Systems: BRE's Environmental Assessment Method (BREEAM), LEED, GBTool, Green Globes, OPL, LBC, Others

**3:30 pm - 4:30 pm**

Case studies

**4:00 pm - 4:30 pm**

Final Overview; Group activity; Evaluation