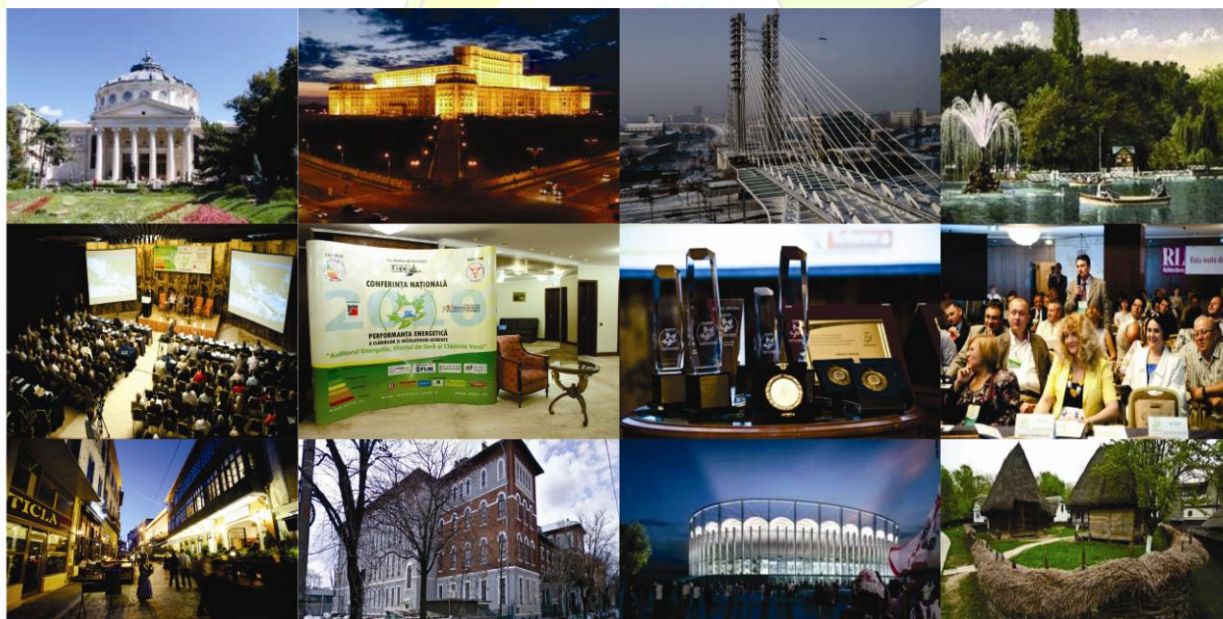




ROMANIAN CONFERENCE



Energy Performance of Buildings





REPBC Dates and Locations

- Thursday, May 26th (9:00am to 7:00pm), Bucharest, Intercontinental Hotel
- Friday, May 27th (9:30am to 12:30pm), Bucharest, Technical University of Civil Engineering (TUCEB), Faculty for Building Services Engineers

REPBC Organizers

Romanian Association for Building Services Engineers (RABSE)

Faculty for Building Services Engineers (FBSE) - TUCEB

Energy Auditors Chamber (EAC)

REPBC Objectives

The Romanian Energy Performance of Buildings Conference (REPBC), third edition, is a multi-disciplinary national conference with international attendance, having as main topics:

- the sustainable development of Romanian urban areas
- the very efficient use of energy in new and existing buildings
- the Romanian actions taken in order to fulfill the terms of the recast EPB Directive 2010/31/CE.

Energy efficiency, RES use, passive and green buildings are concepts used more and more in European Directives and national regulations. EU targets were established for the reduction of energy consumption and GHG emissions or for RES use in order to minimize the negative environmental and social impact of fossil fuels burning, to strengthen the energetic independence of MS, to reduce the EU energy invoices for oil and natural gases imports. Therefore papers on related topics are welcomed from all relevant disciplinary areas, ranging from new concepts and solutions, modeling, experiments, to computational simulation. The event will provide a forum for the exchange of latest technical information, for the dissemination of the Romanian and international research results, for the presentation of the new developments in the area of energy and environment and for the debate and shaping of future directions and priorities in Romanian sustainable development and energy security.

Participants to the REPBC

The conference will be of particular value and interest to Romanian energy auditors, architects, engineers, researchers, scientists and all practitioners interested in the relevant field of energy and environment, from policy making, technical development to management and marketing. International attendees can take the pulse of the Romanian state of the art in the field of EPB, passive houses, green constructions etc.

REPBC Format

The conference will include the following events and activities:

- Keynote papers by invited speakers (May 26th);
- General contributed papers presented orally in plenary session (May 26th and May 27th).



REPBC Proceedings

All papers will be reviewed by the national conference technical committee. Extended abstracts of accepted papers will be published in the Proceedings of the REPBC which will be available during the Conference and included in the registration package.

REPBC Topics

The topical areas of interest include, but are not limited to:

Awareness and Regulations

- Energy conversion and management
- Energy economics
- Energy education
- Energy policy and planning
- Energy security
- Energy and sustainability

Energy and Environment

- Energy efficiency and management
- Energy and industrial ecology
- Energy and life cycle analysis
- Environmental impact and climate change
- Global warming
- Greenhouse gases adaptation and mitigation technologies

Renewable and Clean Energy Technologies

- Biogas and biomass
- Fuel cells
- Geothermal energy
- Hydraulic energy
- Hydrogen energy
- Solar energy
- Wind energy
- Market and finance of RES

Advanced Energy Systems

- Advanced power generation, transmission and automation
 - Alternative fuels
 - Alternative and hybrid energy systems
 - Combustion Technologies
 - Energy storage techniques
 - Environmentally friendly energy technologies
 - Fossil Fuels Green power production and cogeneration
 - Green buildings
 - Heating Ventilation and Air Conditioning
 - Materials in Energy
-

Important Dates for REPBC-III

• May 6 th , 2011, Extended abstract due
• May 10 th , 2011, Notification of abstract acceptance
• May 15 th , 2011, Full paper due
• May 20 th , 2011, Notification of paper acceptance
• May 22 nd , 2011, Final submission of revised full paper

Full papers will be written on conference DVD, available during the event and included in the registration package.



Official languages

Romanian and English (simultaneous translation will be provided).

Honorary Chair

Mr. Prof. DHC Liviu DUMITRESCU, Romanian Technical Academy Member
President of the Romanian Association for Buildings Services Engineers

Conference Chair

Mrs. Prof. Iolanda COLDA,
Vice-president of the Romanian Association for Buildings Services Engineers

National Organizing Committee

Mr. Prof. Catalin LUNGU, coordinator of the organizing team
Vice-president of Romanian Association for Buildings Services Engineers (RABSE Valahia)

Scientific and Advisory Committee

L. Dumitrescu
S. Burchiu
I. Colda

D. Hera
O. Cocora
F. Iordache

C. Lungu
F. Baltaretu
M. Ilina

Keynote Speakers

- Prof. Liviu DUMITRESCU, RABSE President
- Steven BORNCAMP, RoGBC President
- Prof. Iolanda COLDA, REAC Vice-President
- Jaap HOGELING, Manager international projects and standards
- Ioan-Silviu Dobosi, REHVA Vice-president
- Christian Marenne, Architect Centre for Methodological Research in Architecture
- Catalin-Ioan Lungu, RABSE Valahia Vice-President
- Cristian-Paul Stamatiade, Ministry of Regional Development and Tourism, Manager of Building Technical Department

Governmental and Institutional Partners

Ministry of Regional Development and Tourism, RoGBC, GreenInitiative, AE3R, ABMEE etc.

Sponsors

DOSETIMPEX, ARC BRASOV, VITASTAL
CONSULTING, TARGET ELECTRONIC, MIRAL

INSTAL, CONFORT SRL, TERMOSERVICE 2000,
REHAU, MICRONIX etc.

Media Partners

Romania Libera, Casa mea, Planul casei mele,
casamea.ro, Instalatorul,

Tehnica Instalatiilor, Bursa Constructiilor, Agenda
Constructiilor etc.



REGISTRATION FORM

Event: Energy Auditor, Sustainable Urban Regeneration and “Zero Energy” Buildings
Period: May 26th & 27th 2011
Location: Intercontinental Hotel, 4 Nicolae Balcescu, District 1, Bucharest
Event Duration: 1,5 days
Organizers: Romanian Association for Building Services Engineers, Faculty for Building Services Engineers - TUCEB, Energy Auditors Chamber

Please complete this form using capital letters and send it to: AIIR-Valahia Subsidiary, phone/fax +004021/2524295 or email: office@aiiro.ro, clungu@instalatii.utcb.ro, until **May 15th, 2011**.

Section I: REGISTRATION DATA

First Name:	
Last Name:	
Position:	
University/Institution/Company:	
Address:	
Phone:	
Fax:	
Email:	

Section II: INFORMATION REGARDING ACCOMMODATION

The organizers will take in charge all the costs for international participants accommodation. Accommodation will be provided at a 4 stars hotel, in the downtown of Bucharest.

Data regarding your arrival & departure		05.25.2011 – 05.27.2011 (2 nights accomodation)
		05.25.2011 – 05.28.2011 (3 nights accomodation)
		05.25.2011 – 05.29.2011 (4 nights accomodation, including the trip)
		If other option please fill in



DRAFT CONFERENCE PROGRAMME

Thursday, May 26th **Location: Intercontinental Hotel**

- 08:30 – 09:20 Participants registration
- 09:20 – 09:50 Organizers&partners welcome

Session I

- 09:50 – 11:10 Round table: energy performance certification of dwellings legacy, Romanian methodology for energy performance calculation and technical norms-recast necessity, formal approval of the Romanian software, “ZERO” energy buildings: myth or reality,

- 11:10 – 11:30 *Coffee break*

Session II

- 11:30 – 13:15 Technical presentations & keynote papers

- 13:15 – 14:00 *Standing buffet*

- [13:15 – 13:45 Press Conference]

Session III

- 14:00 – 17:00 Technical presentations & keynote papers

- 17:00 – 17:15 *Coffee break*

Session IV

- 17:15 – 17:45 Entertainment

- 17:45 – 18:30 Cocktail

Friday, May 27th **Location: Faculty for Buildings Services Engineers-TUCEB**

- 09:30 – 12:30 Technical Presentations

- 13:00 – 14:00 *Lunch (for international participants)*

During the conference the exhibition “Painting art as a hobby” can be visited free of charge by all participants.

Other details and updates on www.aiiro.ro, www.rogbc.org, www.instal.utcb.ro.