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:

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<th>Awareness and Regulations</th>
<th>Energy and Environment</th>
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<td>• Energy conversion and management</td>
<td>• Energy policy and planning</td>
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<td>• Energy economics</td>
<td>• Energy security</td>
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<td>• Energy education</td>
<td>• Energy and sustainability</td>
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<th>Energy and Environment</th>
<th>Renewable and Clean Energy Technologies</th>
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<td>• Energy efficiency and management</td>
<td>• Biogas and biomass</td>
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<td>• Energy and industrial ecology</td>
<td>• Fuel cells</td>
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<td>• Energy and life cycle analysis</td>
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<td>• Environmental impact and climate change</td>
<td>• Hydraulic energy</td>
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<td>• Hydrogen energy</td>
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<th>Advanced Energy Systems</th>
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<td>• Advanced power generation, transmission and</td>
<td>• Fossil Fuels Green power production and cogeneration</td>
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<td>automation</td>
<td>• Green buildings</td>
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<td>• Alternative fuels</td>
<td>• Heating Ventilation and Air Conditioning</td>
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<td>• Alternative and hybrid energy systems</td>
<td>• Materials in Energy</td>
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<td>• Combustion Technologies</td>
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<td>• Energy storage techniques</td>
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<td>• Environmentally friendly energy technologies</td>
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Important Dates for REPBC-III

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<tr>
<th>Date</th>
<th>Event</th>
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<tbody>
<tr>
<td>May 6th, 2011</td>
<td>Extended abstract due</td>
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<td>May 10th, 2011</td>
<td>Notification of abstract acceptance</td>
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<td>May 15th, 2011</td>
<td>Full paper due</td>
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<tr>
<td>May 20th, 2011</td>
<td>Notification of paper acceptance</td>
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<tr>
<td>May 22nd, 2011</td>
<td>Final submission of revised full paper</td>
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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  D. Hera  C. Lungu
S. Burchiu  O. Cocora  F. Baltaretu
I. Colda  F. Iordache  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 Stamatiae, Ministry of Regional Development and Tourism, Manager of Building Technical Department

Governmental and Institutional Partners
Ministry of Regional Development and Tourism, RoGBC, Greenltiative, AE3R, ABMEE etc.

Sponsors
DOSETIMPEX, ARC BRASOV, VITASTAL CONSULTING, TARGET ELECTRONIC, MIRAL INSTAL, CONFORT SRL, TERMO SERVICE 2000, REHAU, MICRONIX etc.

Media Partners
Romania Libera, Casa mea, Planul casei mele, casamea.ro, Instalatorul, Tehnica Instalatiilor, Bursa Constructiilor, Agenda Constructii 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 | ............................................................... |

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DRAFT CONFERENCE PROGRAME

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

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.