



**UNIVERSITÉ  
DE GENÈVE**

**INSTITUT DES SCIENCES  
DE L'ENVIRONNEMENT**

Uni-Battelle, Bâtiment D, Route de Drize 7 | CH-1227 Carouge  
Tél : 022 379 00 18 | Fax : 022 379 06 39 | Web : [www.unige.ch/energie](http://www.unige.ch/energie)

CYCLE DE FORMATION ÉNERGIE – ENVIRONNEMENT

SÉMINAIRE 2011-2012

**Moving towards cost-optimal and nearly zero energy  
renovation. Policies and practices in the EU.**

(conférence en anglais)

**Bogdan ATANASIU**

Buildings Performance Institute Europe (BPIE)

**jeudi 24 mai 2012 à 17h.15**

**Auditoire D 185 - Bâtiment D - Uni Battelle**

7, route de Drize, 1227 Carouge

## **L'orateur**

Dr. Bogdan Atanasiu is an electrical Engineer with a PhD on power management in stand-alone photovoltaic systems.

For eleven years he worked as a senior researcher and promoted energy efficient technologies in Romania.

Afterwards, he was a scientific officer at EC Joint Research Centre where his main activities were electricity end-use consumption and energy efficiency trends in the EU, support actions for the energy efficiency related EU policies, financing energy efficiency in buildings, ESCO's, GreenBuilding, GreenLight, voluntary EU Programmes and monitoring guide lines for photovoltaic systems.

He then became a senior energy policy analyst at the Institute for European environmental Policy (IEEP) where he worked in EU policy on low-carbon innovation, bioenergy in Europe and renovation of the existing EU building stock.

Nowadays, he is a senior energy efficiency expert at Buildings Performance Institute Europe (BPIE) where his main activities are the EPBD implementation, policy support on topics such as nearly zero-energy buildings, renovations of building stock, energy performance certification and financing energy efficiency in buildings.

## **La conférence**

The first part of the presentation will set the stage by briefly introducing the main EU strategies and policies that influence the energy efficiency of the buildings. A particular focus will be on the requirements of Energy Performance of Buildings Directive (31/2010), i.e. cost-optimality, nearly zero-energy buildings, energy performance certification and those addressing the renovation of the existing building stock.

The second part of the presentation will be focused on the existing economic instruments used in the EU Member States, providing also a few examples concerning initiatives and programmes for building renovation within several countries.

The main findings of the last year BPIE studies (Europe's countries under the microscope and Principles for nearly Zero-Energy Buildings) will be also introduced through the above mentioned topics.