

ENERGY EFFICIENCY IN BUILDINGS. Review and outlook for Romania.

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The Energy Efficiency Directive (EED) 2012/27/EC, transposed by the law 121/2014, imposes complex and stringent requirements related to how all stakeholders in the society must be involved in actions with the clear scope to achieve major quantifiable results in reducing energy consumptions by energy efficiency in the whole chain of production/transport/distribution/consumption. The article 4 of EED imposes for the first time the development of national strategies regarding the deep renovation of buildings. The Romanian strategy includes renovation scenarios based on the optimal cost approach or on the NZEB performance level, and sets targets to be achieved by ambitious action plans. This implies the reorientation and reformulation of the policies in order to stimulate an intense rhythm of building renovation, development of an outlook that can guide investment decisions, as well as a realistic evaluation of energy savings. It is the duty of experts to get involved in the development of this framework and contribute to the compliance with the European requirements.

The 9th National AAECR conference represents a good opportunity to meet, discuss and find solutions for the problems that Romania encounters on these issues till horizon 2020. We invite for presentations and debates on subjects including the following aspects, without excluding interesting interventions on associated issues:



1. What has been achieved and the follow-up in Romania vs. the European requirements.
2. Sustainable technologies for buildings.
3. Sustainable/renewable energy sources for the building sector.
4. Models for energy performant buildings: passive, active or NZEB.
5. Intelligence in buildings, neighborhoods, energy grids and building users.
6. Quality and conformity of EPC and of estimated energy performance after renovation of buildings.
7. Financing sources and schemes.

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