

ENERGY EFFICIENCY IN BUILDINGS.

Energy Performance vs. Comfort and Health

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In the last 15 years, a number of studies followed by legal and regulatory acts were performed, calling for energy savings and offering multiple solutions to achieve them. More recent, saving energy from all possible uses marked out that significant drawbacks have been generated for the users comfort and health. Other studies and warnings followed to correct such issues, extremely costly for the society as a result of medical treatments or lower productivity at the workplace. A proof is provided by the newly proposed recast of the Energy Performance of Buildings Directive that tries to impose indoor air quality indicators, in addition to the common energy ones. Natural light, access to an outside comfortable landscape, and urban noise are other issues that need solutions in the extended framework of energy retrofiting of buildings all over Europe.

We invite you to be part of a fruitful dialog between experts responsible with the progress of our country on different levels, capable to fill the bridges for an integrated approach in our efforts to increase energy performance in the building sector, ensuring in the same time general comfort and health of the building users. The 11th National AAECR conference represents a good opportunity to meet, discuss and find solutions for such problems that Romania still encounters. The subjects proposed for presentations and debates include the following aspects, without excluding interesting interventions on associated issues:



1. National strategies and policies that respond to the Europeans requirements.
2. Sustainable technologies for new and existing buildings.
3. Sustainable/renewable energy sources for the building sector.
4. Smartness in buildings, neighborhoods, energy grids and building users.
5. User comfort and health levels in energy performant buildings
6. Scope of energy certification of buildings and the societal acceptance.
7. Financing sources and schemes.

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