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ENERGY EFFICIENCY FINANCING IN RESIDENTIAL BUILDINGS: COMPARATIVE ANALYSIS

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Extended Abstract

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Abstract Summary

Improving energy efficiency in residential buildings is one of the key areas of sustainable development in many countries. However, the EU 2020 target in this area is unlikely to be met. There are few academic studies comparing conditions of energy efficiency financing schemes for an investor. The aim of this study is to provide a detailed analysis of financing schemes based on a case study, which revealed the advantages and barriers for the investor (most often, the homeowner). Based on cost-benefit analysis it was found that for the final beneficiary effectiveness is higher in those schemes where several sources of funding are used (grants, loans, self-financing), making capital cheaper. However, it is also determined that these benefits can be neutralized by transaction and/or tax costs combined with shared savings. It was revealed that the more recognizable and understandable the schemes to the consumer, the more projects are implemented under it.

Presenting Author Biography

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2005 Master degree "Business economics" /DNACEAm, Makeyevka, Ukraine

2012 Ph.D. with the topic “Increase of investment activity in the economy of a large industrial city" / Donetsk - Kiew, Ukraine

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