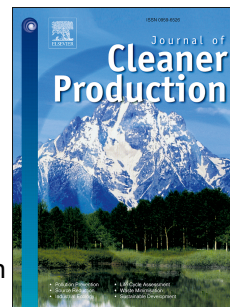


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Performing quantitative analyses towards sustainable business models in building energy renovation projects: analytic process and case study

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Highlights:

- Business models and sustainability analyses in building projects are investigated.
- An analytic process towards sustainable business models of such projects is proposed.
- The application of the analytic process to a case study is shown.
- Quantitative analyses can foster sustainable business models in building projects.

Abstract

The building sector is responsible for several environmental impacts, as well as economic and social consequences. Hence, the adoption of energy efficiency measures in building renovation projects can lead to benefits to several stakeholders in a holistic sustainability perspective. However, these projects require a gradual shift of their business models towards sustainable business models, and performing quantitative sustainability analyses can overcome the traditional focus of business models on economic value and customers, by defining

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