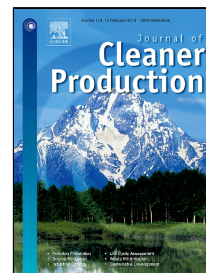


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Cost-Benefit Analysis for Energy Efficiency Retrofit of Existing Buildings: A Case Study in China



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14 **Abstracts:** Energy Efficiency Retrofit of existing buildings is a key program for
15 improving building energy efficiency in northern regions of China. This paper
16 presents a methodological framework to conduct an economic cost-benefit analysis
17 for EER projects, based on the calculation of costs and benefits over life cycle. By
18 conducting a case study of a retrofit project located in Huixin Western Street
19 Residential Area, Beijing, China, this research empirically examines its economic
20 sustainability. The research found that in China, retrofit of existing buildings
21 generally lack of attractiveness to investors from an economic perspective. The

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