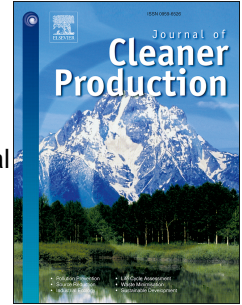


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Cleaner energy scenarios for building clusters in campus areas based on the Rational Exergy Management Model

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**HIGHLIGHTS**

- Two clusters of campus buildings are analyzed based on energy and exergy values
- Four scenarios are considered as options for cleaner energy supply structures
- The level of match between the supply and demand of exergy can increase to 0.81
- Savings include 16 GWh energy, 9.6 GWh exergy and 2,663 tonnes of CO<sub>2</sub> emissions

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