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# Implementation of green roof technology in residential buildings and neighborhoods of Cyprus

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## Highlights

- Green roof technology is examined for two different typical residential buildings.
- Great energy and environmental benefits are achieved against conventional constructions.
- Sensitivity analysis shows that green roofs become financially favorable compared to conventional buildings with modest reductions in their current installation cost.
- At the neighborhood scale the calculated decrement in air temperature at the pedestrian level is noticeable.

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