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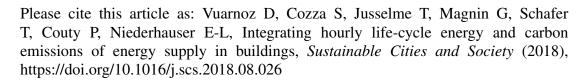
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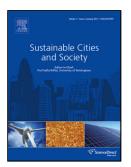
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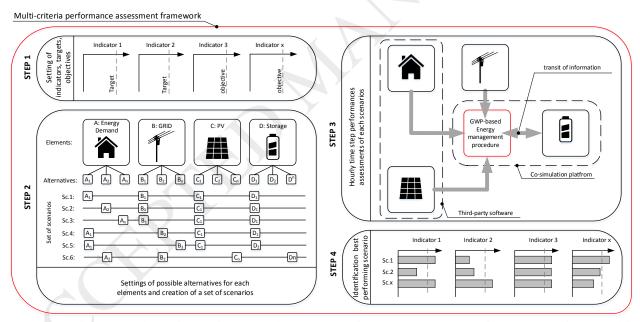
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Integrating hourly life-cycle energy and carbon emissions of energy supply in buildings

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Graphical Abstract



The two main aspects investigated in the study are the performance assessment framework using a multicriteria approach and the GWP-based energy management procedure

Highlights:

- A novel GWP-based energy management procedure for buildings is tested
- An hourly-based life-cycle performances assessments framework is developed
- Both have been tested on a building case study located in Switzerland

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