Accepted Manuscript

Automatized and georeferenced energy assessment of an Antwerp district based on cadastral data

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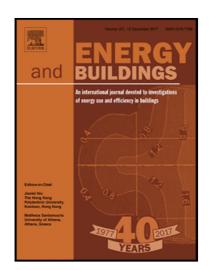
PII: \$0378-7788(17)34031-8 DOI: 10.1016/j.enbuild.2018.05.018

Reference: ENB 8559

To appear in: Energy & Buildings

Received date: 11 December 2017

Revised date: 3 May 2018 Accepted date: 7 May 2018



Please cite this article as: Xabat Oregi, Nekane Hermoso, Iñaki Prieto, Jose Luis Izkara, Lara Mabe, Panagiotis Sismanidis, Automatized and georeferenced energy assessment of an Antwerp district based on cadastral data, *Energy & Buildings* (2018), doi: 10.1016/j.enbuild.2018.05.018

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HIGHLIGHTS

- The District Mapping Module calculates the annual and hourly heating, cooling and domestic hot water energy demand per each building of the area under study.
- Application and validation of the district mapping module in the historical district of Antwerp (Belgium)
- Validation of the proposed method comparing the results of the case study with Energy Plus simulation tool results and real natural gas consumption data.
- Evaluation of the influence coefficient of each input parameter by a sensitivity assessment.

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