## **Accepted Manuscript**

Use of cadastral data to assess urban scale building energy loss. Application to a deprived quarter in Madrid

Fernando Martín-Consuegra, Fernando de Frutos, Ignacio Oteiza, Agustín Hernández Aja

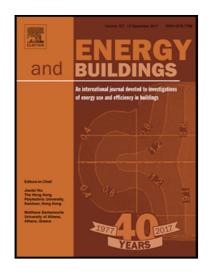
PII: S0378-7788(18)30015-X

DOI: 10.1016/j.enbuild.2018.04.007

Reference: ENB 8479

To appear in: Energy & Buildings

Received date: 8 January 2018
Revised date: 15 March 2018
Accepted date: 3 April 2018



Please cite this article as: Fernando Martín-Consuegra, Fernando de Frutos, Ignacio Oteiza, Agustín Hernández Aja, Use of cadastral data to assess urban scale building energy loss. Application to a deprived quarter in Madrid, *Energy & Buildings* (2018), doi: 10.1016/j.enbuild.2018.04.007

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

### ACCEPTED MANUSCRIPT

## Highlights:

- Analysis of the energy performance at an urban scale by the generation of a spatial system with individual records for each building obtained from the big data stored in the cadastre
- Developement of a precision tool to assess the potential for improving energy efficiency in the urban fabric
- The change of scale involved helps bridge the gap between the analysis of individual buildings (bottom-up) and city-wide statistics (top-down approach)



### Download English Version:

# https://daneshyari.com/en/article/6727635

Download Persian Version:

https://daneshyari.com/article/6727635

<u>Daneshyari.com</u>