



Energy Efficient Pathway for the City Transformation

Coordinated by the CARTIF Foundation, MAKING-CITY is a **60-month Horizon 2020 project** launched in December 2018. It focuses on demonstrating the potential of **the Positive Energy District (PED) concept** as the basis for efficient and sustainable planning and development of cities.

WHAT IS A POSITIVE ENERGY DISTRICT?

A PED is “a delimited area of buildings and public spaces where **the total annual energy balance is positive**. Therefore the area will deliver, in average, an energy surplus to be shared with other urban or peri-urban zones.”

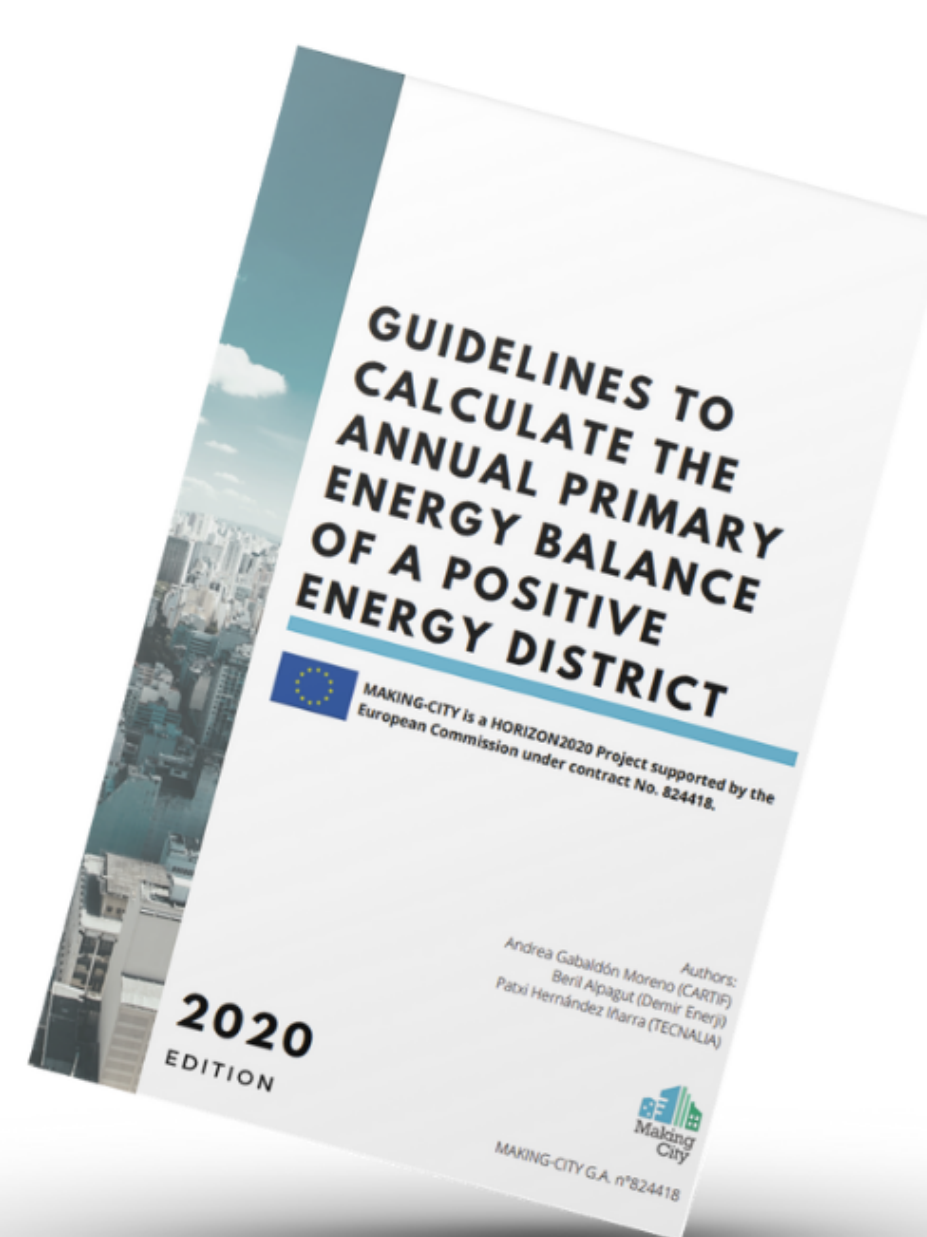
TOWARDS A CITY VISION 2050

Currently, city energy plans for energy transition are designed within a 2030 horizon, which can be considered as a mid-term strategy (part of the 2030 Climate & Energy Framework in Europe). In MAKING-CITY, **the City Vision 2050** is used as a longer timescale to address the urban energy system transformation towards low-carbon cities.

MAKING-CITY PAVES THE WAY

As a result of the project, a number of guidelines, recommendations and methodologies have been published. These publications provide other cities with the guidance they need to design their own PEDs and calculate their impact.

VIEW ALL RESULTS & PUBLICATIONS ON OUR WEBSITE!



2 LIGHTHOUSE CITIES

Groningen (Netherlands)
Oulu (Finland)

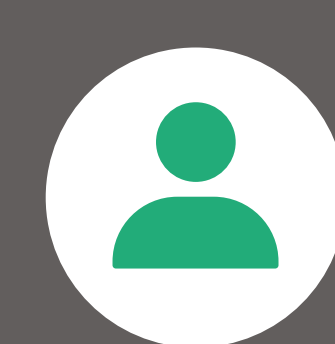
6 FOLLOWER CITIES

Bassano del Grappa (Italy)
Kadiköy (Turkey)
León (Spain)
Lublin (Poland)
Trenčín (Slovakia)
Vidin (Bulgaria)



MATURE TECHNOLOGIES

Retrofitting buildings - Renewables - Heating & cooling systems - Waste recovery - Innovative storage & transfer technologies



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