



# ENERGY EFFICIENT PATHWAY FOR THE CITY TRANSFORMATION

*Enabling a positive future*

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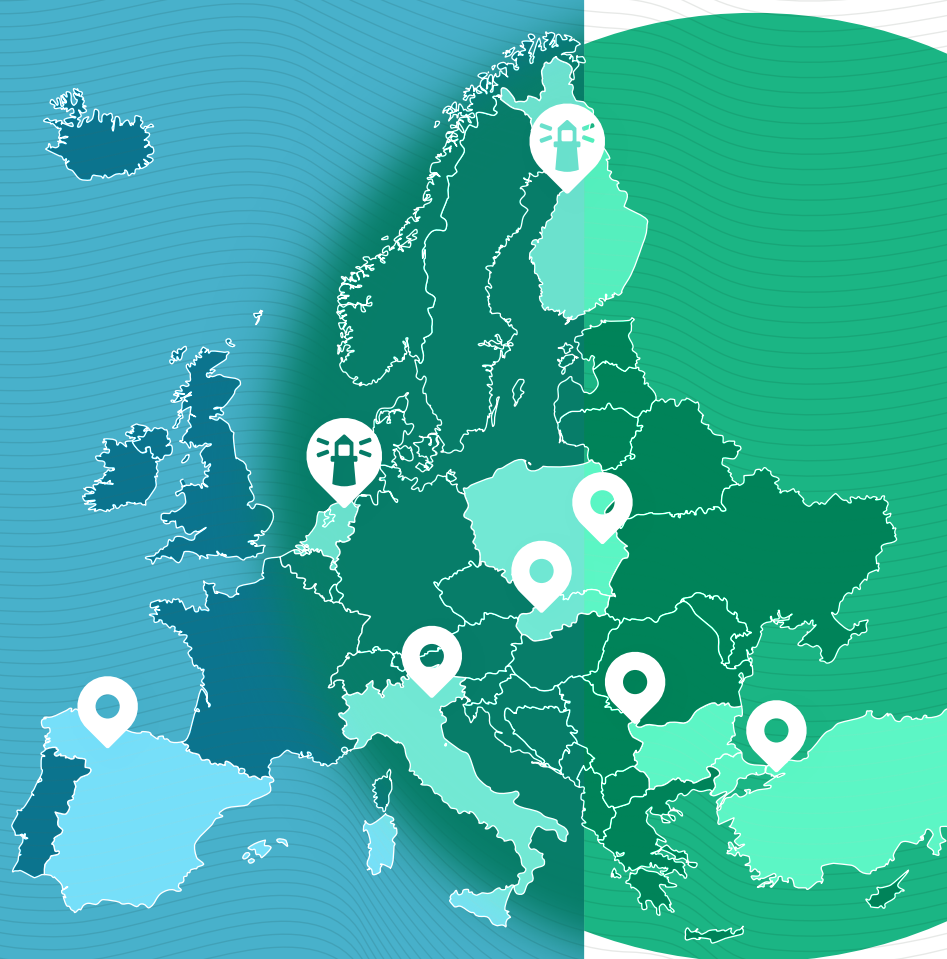
Launched in December 2018, MAKING-CITY is a **60-month Horizon 2020 project** that demonstrates the potential of the **Positive Energy District (PED)** concept as the basis for efficient and sustainable city planning and development.

## 2 LIGHTHOUSE CITIES

Groningen, Netherlands  
Oulu, Finland

## 6 FOLLOWER CITIES

Bassano del Grappa, Italy  
Kadıköy, Turkey  
León, Spain  
Lublin, Poland  
Trenčín, Slovakia  
Vidin, Bulgaria



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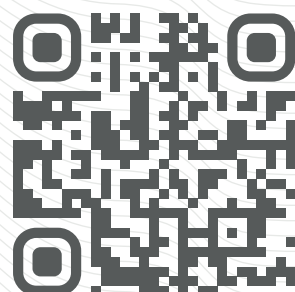
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# MAKING-CITY ENERGY DISTRICT



Retrofitting  
buildings



Renewables



Heating &  
cooling systems



Waste  
recovery



Storage & transfer  
technologies

## 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, on average, an energy surplus to be shared with other urban or peri-urban zones.”

## TOWARDS A CITY VISION 2050

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

## 34 PARTNERS



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