



POCITYF

**Leading the smart evolution
of historical cities**

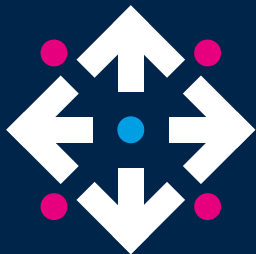




A smart cities project caring for cultural heritage

POCITYF is an EU-funded smart city project that will help historical cities to become **greener, smarter** and **more liveable** while respecting their cultural heritage and attending to their citizens' needs. By implementing and testing Positive Energy Districts in its 8 cities, **POCITYF will support Europe in the race to become the first carbon neutral continent by 2050.**

Two cities, Alkmaar and Évora, are so-called Lighthouse cities as they will serve as testbed for POCITYF's innovative solutions. **Six Fellow cities**, Bari, Celje, Granada, Hvidovre, Ioannina and Ujpest, will observe and replicate the model that POCITYF will apply to support the energy transition of the Lighthouse cities.



Positive Energy DisitRICTs for a carbon-neutral Europe

Using integrated solutions, POCITYF will boost energy performance in cities and thus improve citizens' wellbeing. It aims to make Europe a leader in self-**sustainable and climate-friendly urban districts** where citizens come first.

POCITYF engages city administrators, planners, universities, entrepreneurs and citizens in a **coordinated effort** to model the future development of European cities.

POCITYF will demonstrate 10 integrated solutions, built on innovative technologies. The solutions are grouped, according to the challenges they address, into **4 Energy Transition Tracks (ETTs)**.



Positive Energy Buildings and Districts

to create energy-efficient urban areas able to actively manage surplus renewable energy.



Positive Energy (stand-alone) Buildings (PEBs)



Positive Energy Districts (PEDs) retrofiting



Feeding PEDs with waste streams promoting symbiosis and circular economy



P2P energy storage and management

to maximise self-consumption, reducing grid stress and avoiding load and generation curtailment.



Flexible and sustainable electricity grid networks with innovative storage solutions



Flexible and sustainable district heating/cooling with innovative heat storage solutions



E-mobility integration into smart grid

to increase the penetration of electric vehicles powered by renewable energy sources (RES) and use them to support grid flexibility, while reducing curtailment.



Smart V2G EVs charging



E-mobility services for citizens and auxiliary EV technologies



Citizen-driven innovation in co-creating smart city solutions

to improve citizens' quality of life by involving them directly in the development, design and evaluation phases of smart city solutions.



Social innovation mechanisms towards citizens engagement



Open innovation for policy makers and managers



Interoperable, modular and interconnected city ecosystem



Are you interested to know how POCITYF will make historical cities smarter and more sustainable?

JOIN THE POCITYF COMMUNITY!



pocityf.eu



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POCITYF's consortium, led by EDP Labelec, consists of 46 partners from 13 countries.

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Alkmaar

Innovation in a historic scene
 109K Population
 31 km² Area
 1254 Year of foundation



Évora

The museum city
 57K Population
 13 km² Area
 1st century A.D. Construction of Évora's Roman temple



Bari

The city with two faces
 327K Population
 117 km² Area
 2nd century B.C. Origins



Celje

Historical marvel of Eastern Slovenia
 49K Population
 95 km² Area
 1451 Acquisition of town rights



Granada

City going from tradition to innovation
 232K Population
 88 km² Area
 1238 Construction of the Granada's Alhambra



Hvidovre

A village in the city with a fossil-free strategy
 53K Population
 22 km² Area
 1803 Year of foundation



Ioannina

Geopolitical crossroad in northern Greece
 112K Population
 403 km² Area
 6th century A.D. Origins



Ujpest

The fourth district of Budapest
 100K Population
 19 km² Area
 1838 Year of foundation

