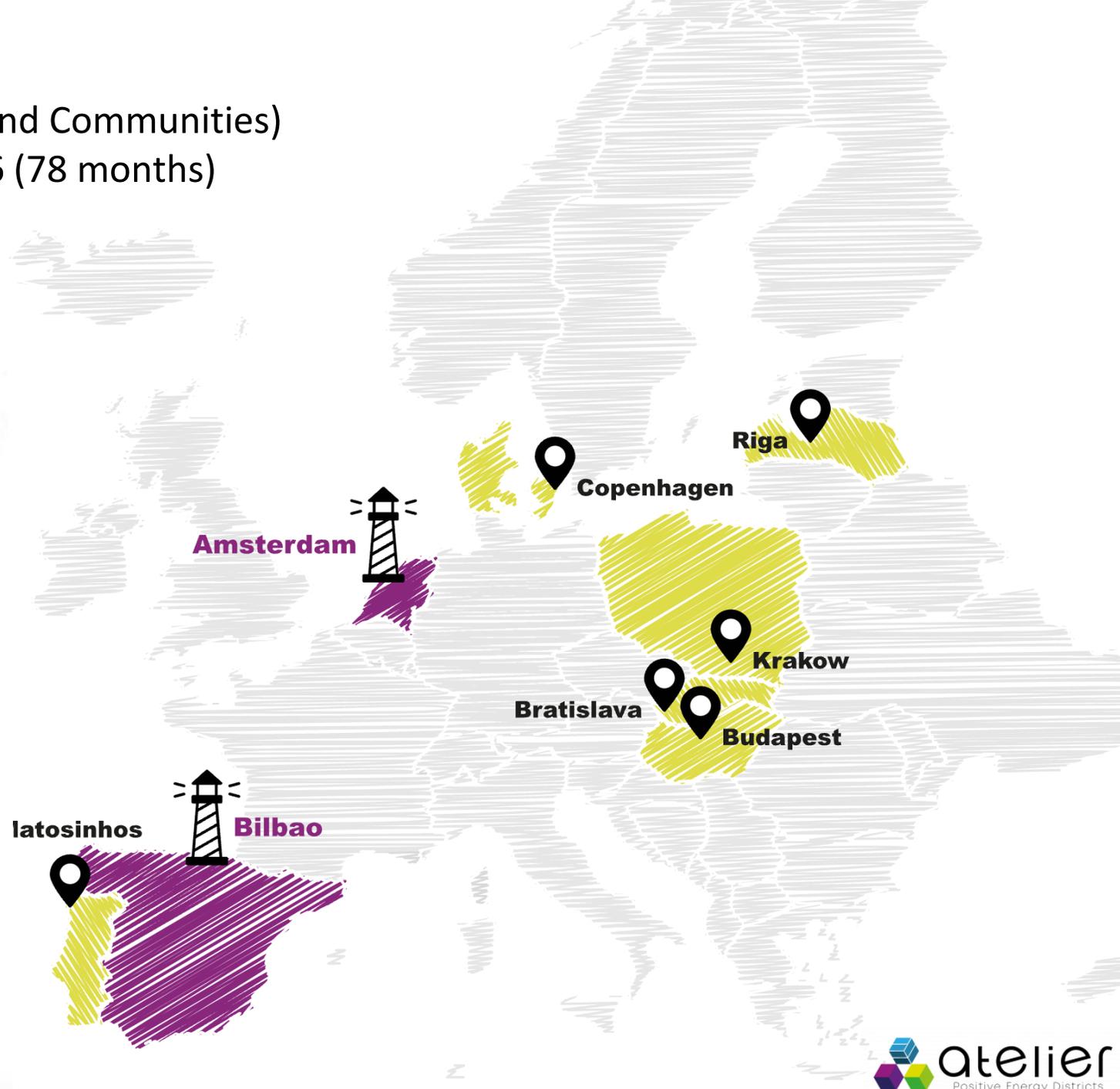


Some Numbers

EU Programme: H2020 – SCC1 (Smart Cities and Communities)

Project Timeline: Nov 1, 2019 – April 30, 2026 (78 months)

EU Budget: € 19,6 million





Bratislava



Budapest Copenhagen



Krakow



Matosinhos



Riga



8 REPRESENTATIVE CITIES
FROM ACROSS EUROPE



LARGE, DIVERSE, URBAN,
WITH GREENFIELDS AND
BROWNFIELDS



REGENERATION THROUGH
SUSTAINABLE
TRANSFORMATION

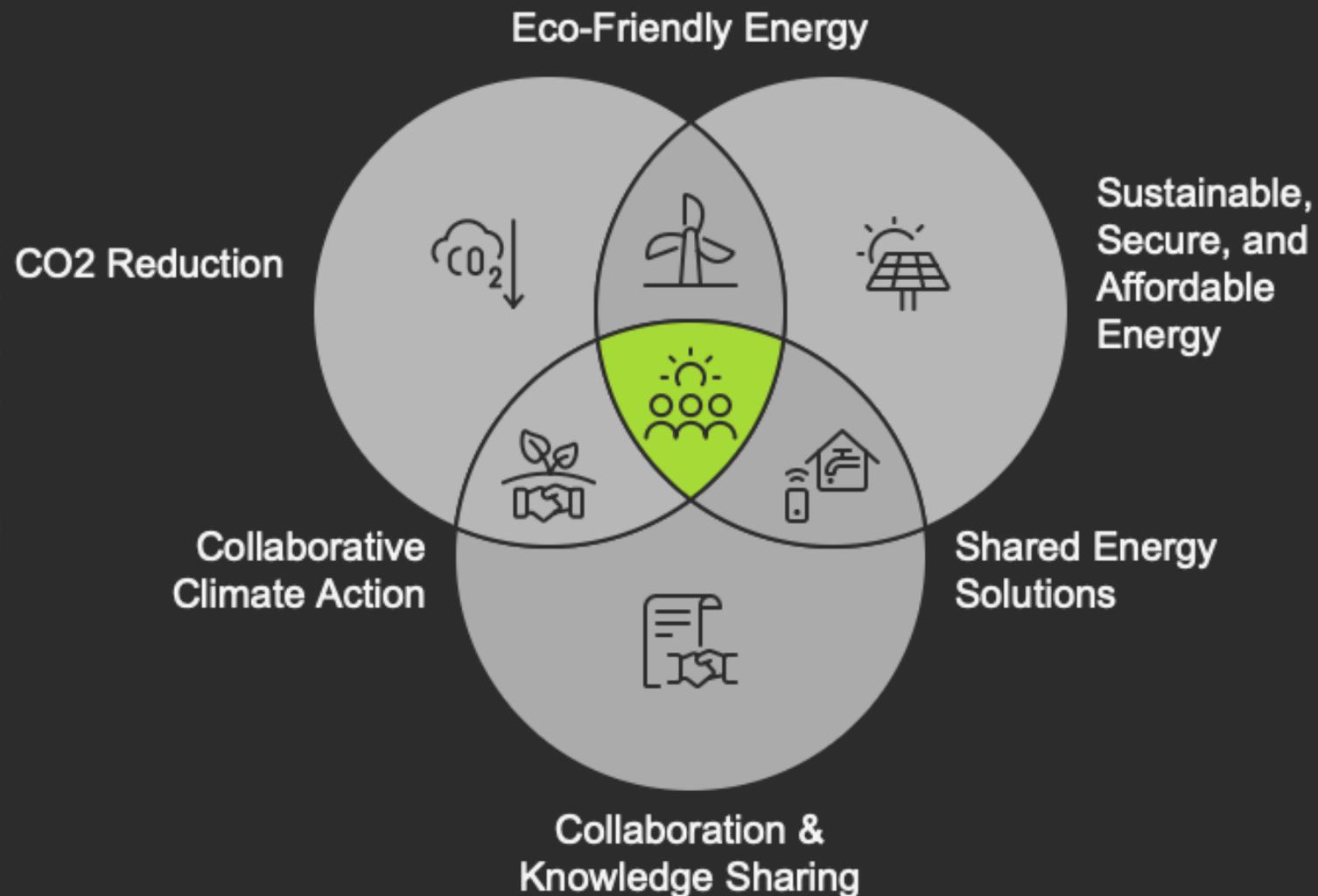
From Energy Consumers to Energy Creators:

Reshaping the Urban Energy Systems for a Net Positive World

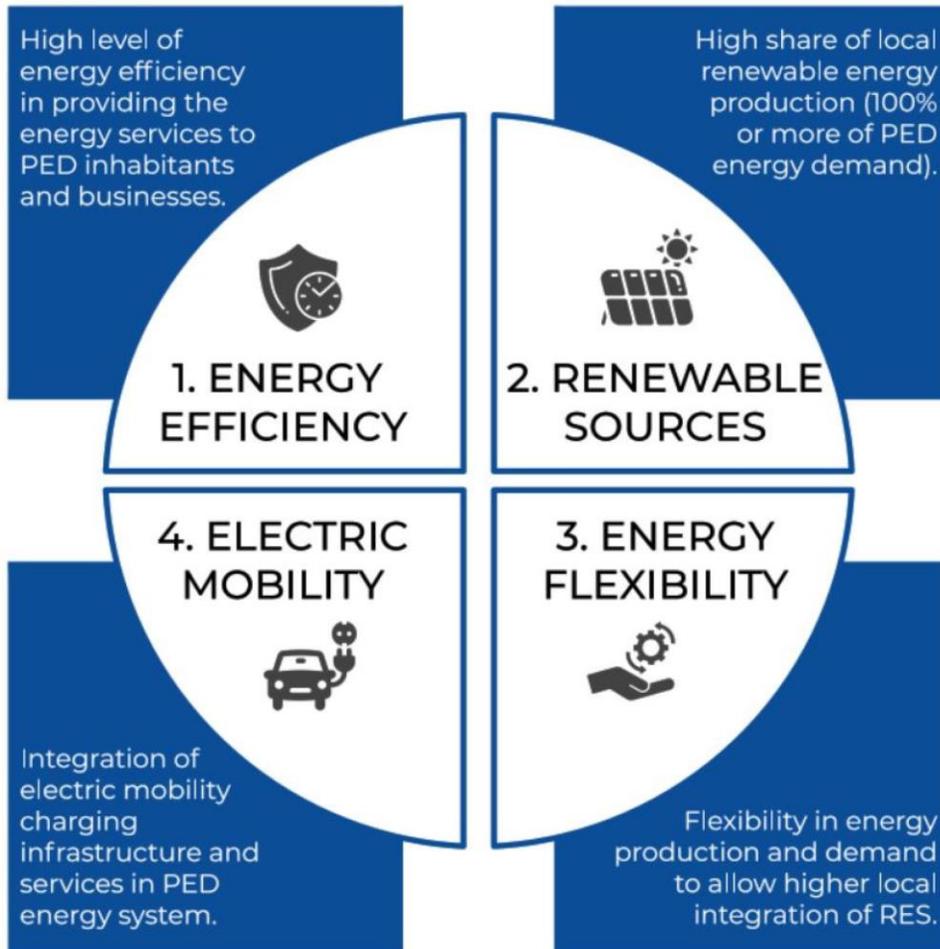


Reason(s) for ATELIER

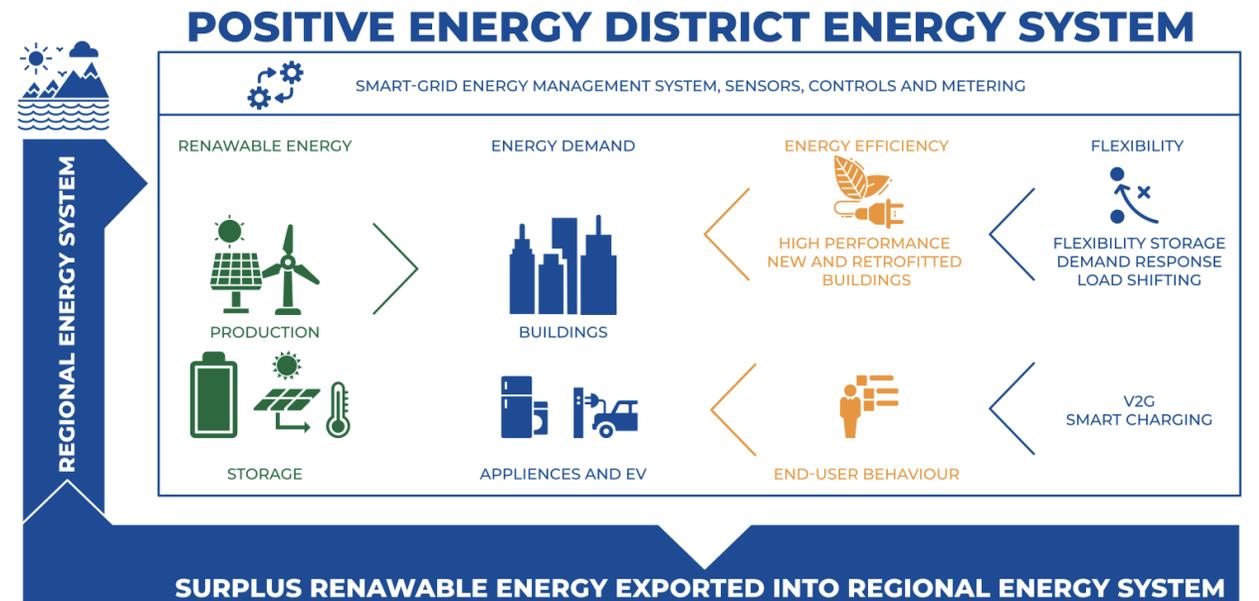
From energy consumers to energy creators:
Reshaping the urban grid for a net-positive world



What is a Positive Energy District?



“PED is a process”
+CityxChange



<https://www.mdpi.com/2075-5309/12/2/186>

<https://smart-cities-marketplace.ec.europa.eu/sites/default/files/2021-02/Solution%20Booklet-Positive%20Energy%20Districts.pdf>

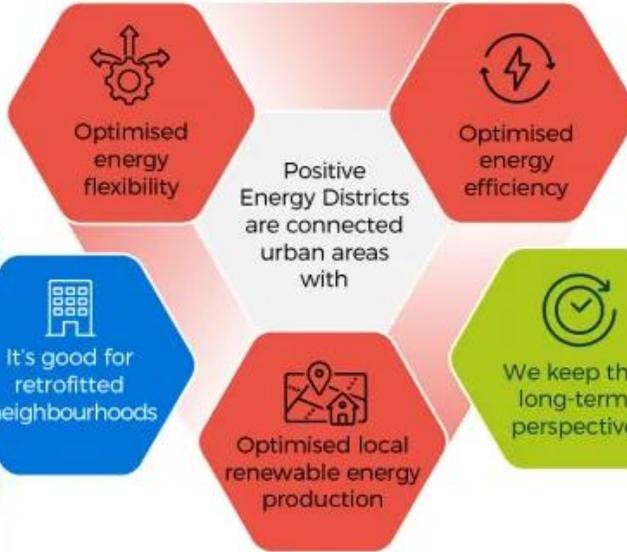
Framework 3.0 (DUT)

What are Positive Energy Districts?

Why do we need Positive Energy Districts?



Positive Energy Districts are connected urban areas with



How do we realise Positive Energy Districts?





PEBS

PENS

PEDS

City

Scale & Impact!

What does it mean for the cities?



The Road to Energy Transition in Cities



Initial
Milestones

Hurdles

Hurdles

Net-Positive
Districts



Policy
Uncertainty

Outdated
Infrastructure

Equity & Access

Funding &
Investment

Public
Engagement

Long-Term
Planning

Regulatory
Challenges

Known

Unknown

Known

What we knew and planned
would happen
(GA)

The RISKS we planned for
(Risk matrix)

Unknown

What we didn't realise
(un)consciously ignore, forget,
or choose not to acknowledge

What we couldn't plan for
(The Swans: Black and White)

What did ATELIER achieve? (Beyond the PEDs)



6 of our 8 cities have received the EU label
100 Climate Neutral Cities



Capacity building for each city - we have laid the foundations for successful future projects



We created an enthusiastic and knowledgeable community that will take forward the PED journey



What we discovered

