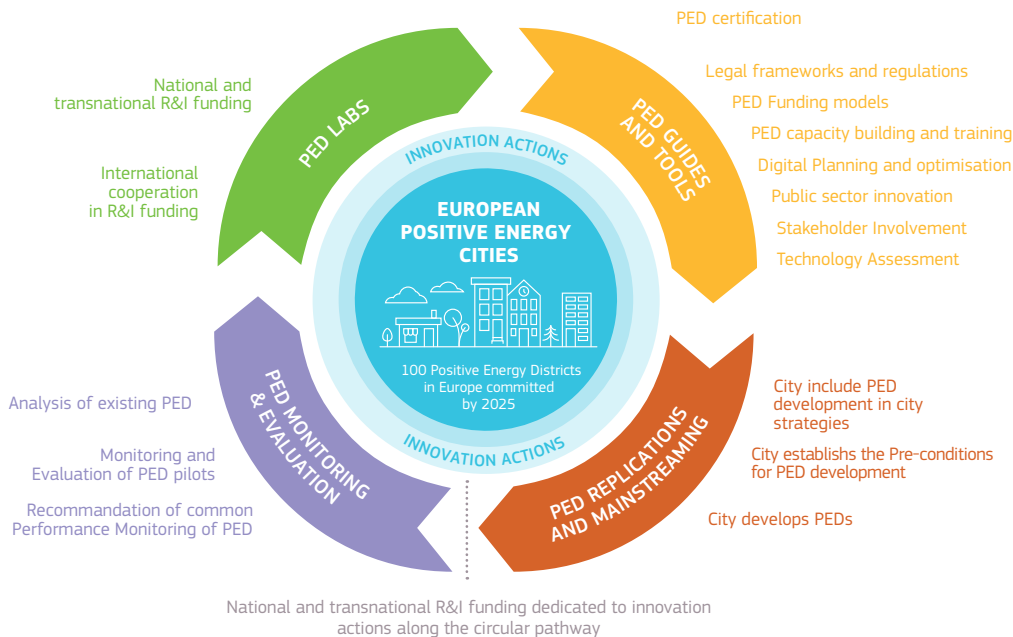


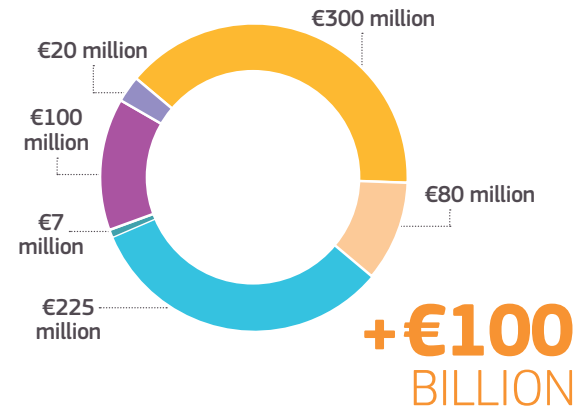
POSITIVE ENERGY DISTRICTS FOR SUSTAINABLE URBANISATION IP 3.2

Positive Energy Districts (PEDs) are energy efficient districts with net zero CO2 emissions. This is achieved through energy flexibility and storage, and by producing a local surplus of renewable energy. PEDs improve sustainability and quality of city life and help to tackle climate change. This implementation plan aims to develop 100 PEDs by 2025, by working with cities, industry, research institutes, investors and citizens' organisations. It is linked to the Programme: "Positive Energy Districts and Neighbourhoods for Sustainable Urban Development".

<https://ipi-urbaneurope.eu/ped/>



ACTIVITIES & INDICATIVE BUDGETS FOR 2018–2025



PED LABS

- Alignment of national R&I funding
- Transnational funding through JPI Urban Europe, European Commission, ERA-NETs

INNOVATION ACTIONS

- Alignment of national R&I funding
- Transnational R&I funding

PED KNOWLEDGE DIFFUSION AND EXPERIENCE

- Alignment of national R&I funding and programmes
- Beneficiaries' co-funding

investments in Positive Energy Districts working with: cities, public housing organisation, real estate developers

EXAMPLES OF R&I ACTIVITIES

HAMMARBY SJÖSTAD 2.0

This project develops sustainable solutions in energy, buildings, mobility, digitalization, communication, circular-and sharing economy. The district (currently under construction) is based on a natural cycle approach to urban living.

Budget: €400,000 2014-2030

<http://hammarbysjostad20.se>

EnStadt:Pfaff

This project is a Reallabor (living lab) developing innovative technologies in energy, buildings, mobility and ICT. Socio-economic research takes place in a living lab centre (Reallabor-Zentrum) to support the co-creation and co-design of sustainable solutions.

Budget: €27.3 million 2017-2022

<https://pfaff-reallabor.de/>

Who's involved ?

19 COUNTRIES

Austria (Chair), Belgium, Cyprus, Czechia, Finland, France, Germany, Italy, Latvia, Netherlands, Norway, Portugal, Romania, Spain, Slovakia, Sweden, Switzerland, Turkey and the UK.



STAKEHOLDERS

AER, CARTIF, DHC+TP, ECTP (Co-Chair), EERA JP on Smart Cities, EIP SCC, EPRA, ERRIN (Co-Chair), EUA-EPUE, EUREC, Eurocities, Housing Europe, IE, and UERA (Urban Europe Research Alliance).