

Benefits of Positive Energy Buildings and Districts



The Implementation Working Group on Energy Efficiency in Buildings (IWG5) of the SET Plan works to unlock the energy savings potential of the building sector. This includes boosting the potential of existing and new buildings by awareness raising, monitoring policies and aligning R&I programmes.

IWG5 is composed of Representatives of EU and associated countries, industrial stakeholders, non-governmental organisations and research institutes.

IWG5 key activities:

IWG5 Tool

Online platform with a robust simulation-driven database for evaluating energy consumption, costs, and environmental impacts across various building typologies.

Update of the IWG5 Implementation Plan

promoting innovative energy efficiency technologies in buildings, considering resource efficiency, circularity and the flexibility potential of buildings.

New White Papers published

on Clean Heating & Cooling Technologies and Thermal Energy Storage for Buildings, and on Energy-efficient buildings as job-creation motor.

Study Tours

to buildings in Europe that set the standard in eco-renovation, high-energy-performance or construction.
2023: Berlin
2024: Brussels



Contact us:
iwg5-buildings.eu



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Positive Energy Districts (PED)



Driving Urban Transitions

IWG 3.2

The SET Plan Implementation Working Group on Positive Energy Districts and Neighborhoods (IWG 3.2) supports the planning, large-scale implementation, and replication of Positive Energy Districts (PEDs) across Europe. PEDs are energy-efficient and energy-flexible urban areas that generate net zero emissions while managing and deploying renewable energy. These PEDs are embedded in integrated urban strategies providing liveable, sustainable and inclusive urban neighbourhoods.

IWG 3.2 supports the planning, deployment and replication of 100 PEDs by 2025 as a tool for achieving climate-neutral cities.

At the core of IWG 3.2 activities is its **joint R&I funding programme** (hosted via the Horizon Europe Partnership Driving Urban Transitions). The programme involves stakeholders from R&I funding networks, cities, industry, research organisations and citizen organisations. The funding programme is complemented by various activities focused on **replication, scaling and deployment of innovative solutions**, including dedicated formats for collaboration with businesses and industry as well as city administrations.

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