



Empowering Buildings Energising the Future

WeForming is a EU project that aims to revolutionise energy management and transform buildings from passive consumers into strategic players in the energy networks of the future.

Our pioneering approach focuses on Intelligent Grid-Forming Buildings (iGFBs), structures equipped with smart technologies and designed to actively contribute to an interoperable greener energy ecosystem, encompassing networks and markets.

FIELD DEMONSTRATORS



LUXEMBOURG

Multi-energy grid-interactive district with a large fleet of electric vehicles



PORTUGAL

Shopping mall with internal power generation and energy storage systems



CROATIA

Grid-supporting renewable districts on an island with seasonal demand variation



BELGIUM

Residential district with bidirectional power-to-heat and thermal storage



SPAIN

Grid-supporting rural renewable energy community



GERMANY

Energy market-driven multi-sector smart district

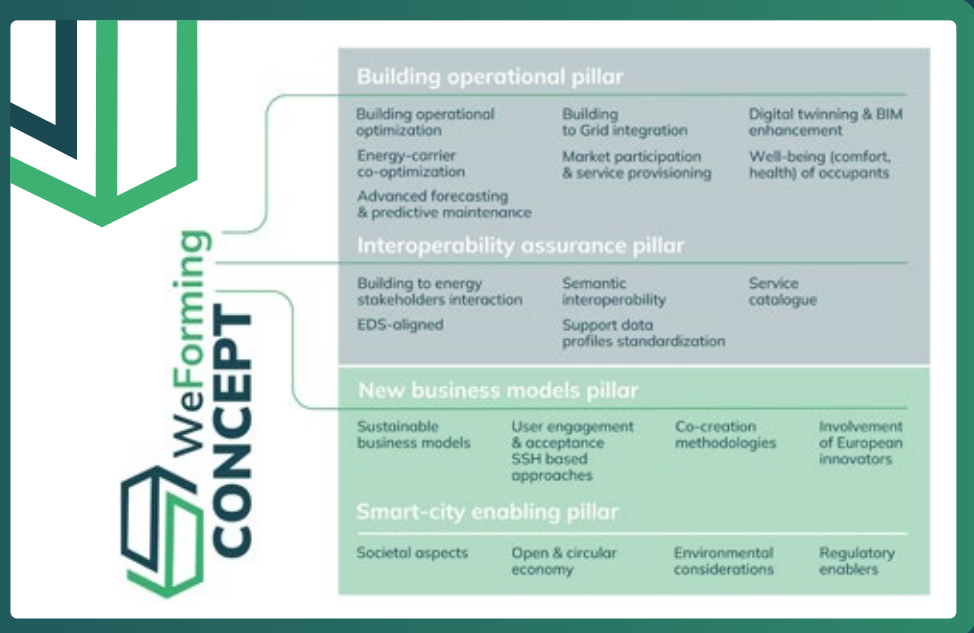
GOALS AND METHODOLOGY

Promote
the establishment and adoption of IGFBs in cities

Optimise
building energy efficiency and self-sufficiency

Shape
a secure, resilient and carbon-free energy ecosystem

Involve
stakeholders in the energy-building value chain



36 MONTHS

30 PARTNERS

10 COUNTRIES



WEFORMING ENERGY HUB

Join us in this collaborative platform designed for the adoption of the WeForming concept through co-creation and knowledge sharing

POWERED BY



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