



PILOTING THE SYSTEM

To make sure the COLLECTiEF system works, the system is tested in **four pilot sites** across Europe.

The pilot buildings are chosen based on different uses, scales, markets, and climatic contexts to demonstrate **replicability** and **scalability** of the solution.

OUR PARTNERS



GET IN TOUCH AND FOLLOW US

Project Coordinator:
Amin Moazami
Norwegian University of Science and Technology

info@collectief-project.eu



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COLLECTiEF

COLLECTIVE INTELLIGENCE FOR ENERGY FLEXIBILITY

AN EU PROJECT THAT DEVELOPS
SOFTWARE AND HARDWARE PACKAGES
TO SMART UP EXISTING BUILDING STOCKS IN EUROPE

www.collectief-project.eu

WHY COLLECTiEF?

When thinking of climate change, most of us blame deforestation, heavy use of fossil fuels and intensive agriculture. Malfunctioning buildings are not something we think of immediately. But we should. We need to develop innovative approaches and strategies that can help us live in smarter buildings.

In the long run, smarter buildings will contribute to happier lives, resulting in a more sustainable and climate resilient world.

COLLECTiEF enhances, implements, tests, and evaluates an interoperable and scalable energy management system based on Collective Intelligence (CI) to be integrated into existing buildings and urban energy systems.

Our energy system will:

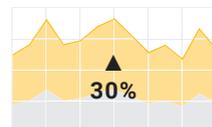
- Improve by 15-20% the living standards of the users



- Help families save 12 million euro annually on energy costs



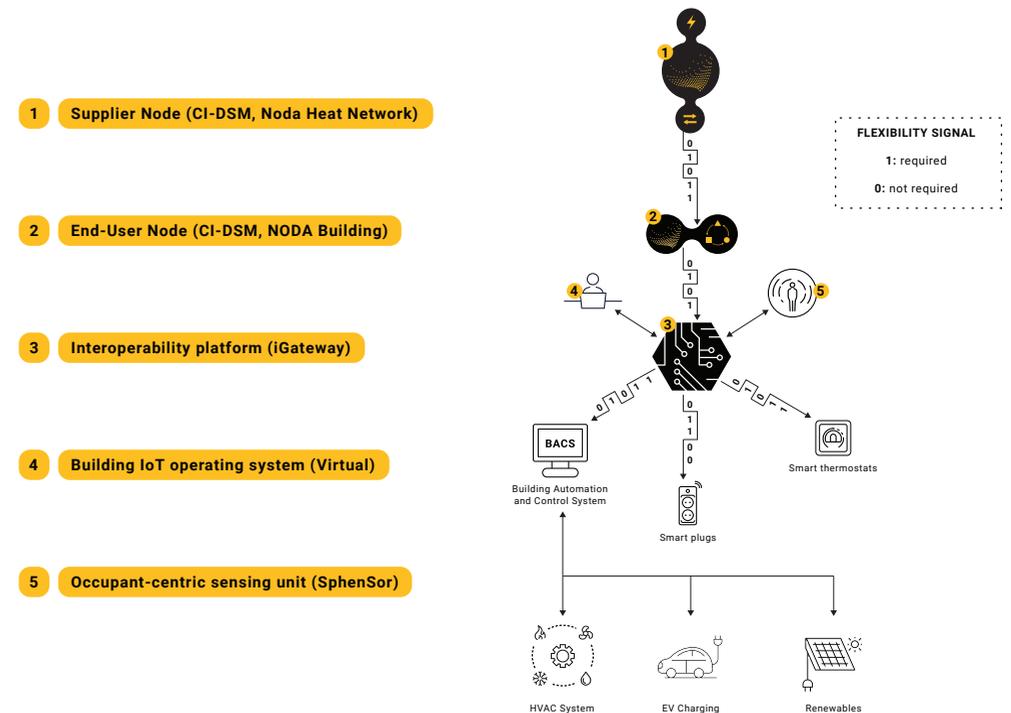
- Contribute at least 30% to EU climate targets for 2030



OUR UNIQUE METHODOLOGY

Making an energy system valid for everyone.

The COLLECTiEF methodology connects household appliances and energy systems in the building using the unique algorithms developed in the project. This approach allows our homes to adapt their operation to our needs and to be part of a collective effort for energy saving by larger numbers of buildings.



Did you know?

Buildings are the largest single energy consumer in the EU being responsible for 40% of total consumption. Renovating and improving energy performances in our building stock is crucial to achieve the EC energy and climate goals by 2050!