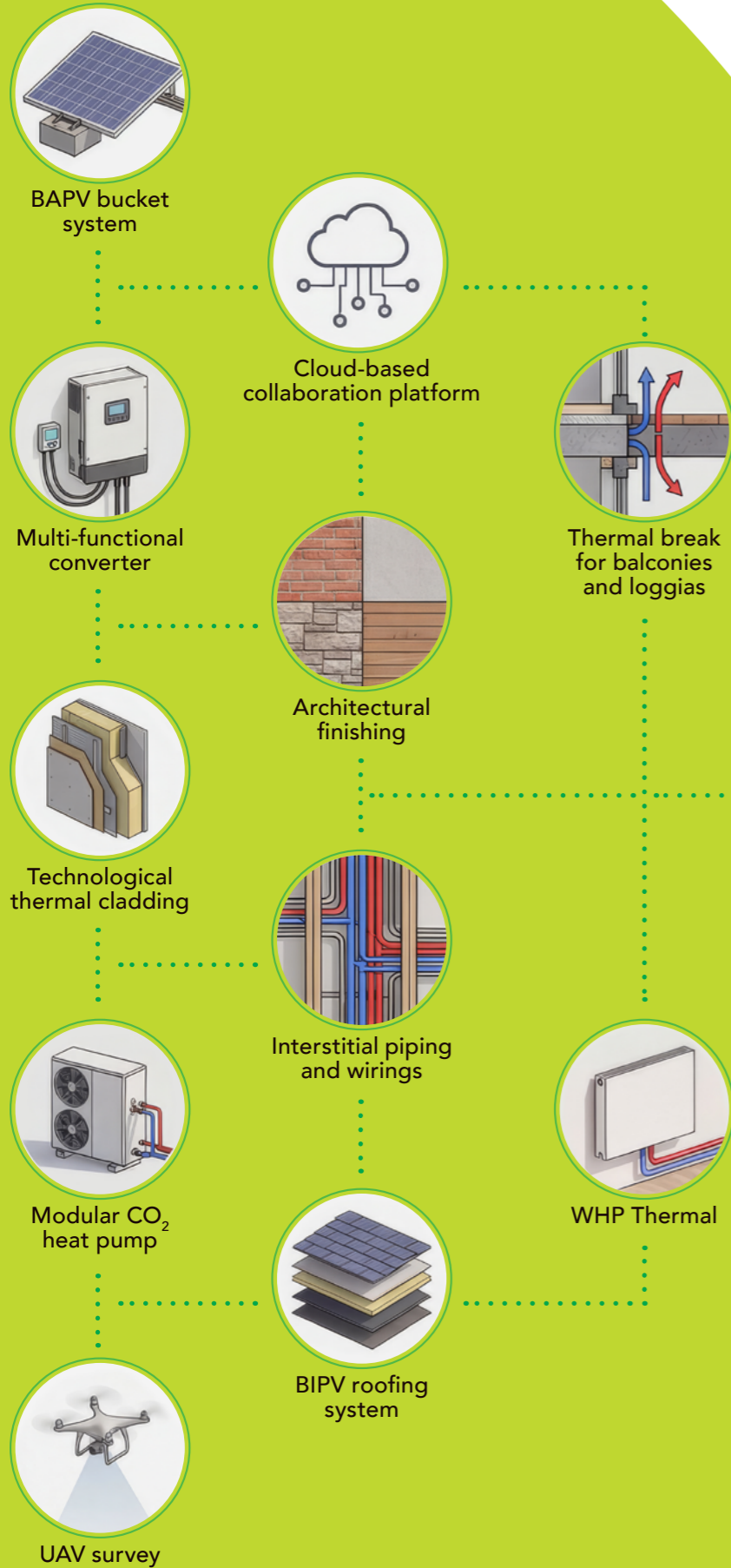




# Transforming building renovation through circular, tech-enabled prefabricated retrofits across Europe



## ABOUT THE PROJECT

SPHEERE is accelerating Europe's transition to a climate-neutral built environment by redefining how buildings are renovated. Through a digitally enabled, prefabricated, and multi-functional renovation approach, the project transforms complex retrofit processes into fast, cost-effective, and minimally disruptive interventions.

Its implementation will make high-quality, energy efficient renovation scalable across diverse building types and climate contexts, directly contributing to Europe's climate, energy and social resilience objectives.

## EU CONTEXT

- 24 billion m<sup>2</sup>** of floor area in the EU's building stock. 74% is residential.
- 75%** of these buildings are not energy efficient.
- 30%** of energy-related emissions come from the construction sector, which is one of the EU's biggest energy consumers.

## IMPACT

- Strengthening Policy-Innovation Links for EU Energy Independence and Zero-Emission Goals.
- Transforming Building Stocks into Smart, Decarbonized Hubs for Climate Neutrality.
- Creating Sustainable, Inclusive, and High-Quality Built Environments for Better Living.

## PROJECT INFO

**18** PARTNERS      **3** CASE STUDIES  
**7,84M** BUDGET      **38** DURATION MONTHS



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[spheere.eu](http://spheere.eu)

