

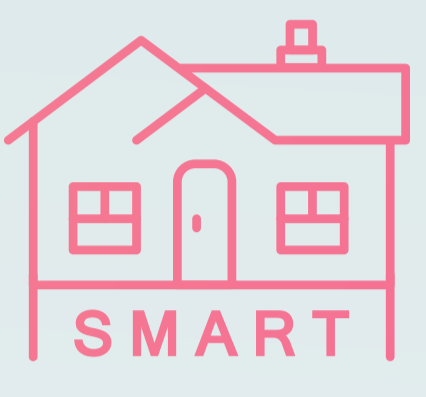


PHOENIX

THE SOLUTION

The envisaged PHOENIX solution will be a Smartness hub based on ICT with modular components to integrate seamlessly the legacy equipment of buildings in order to offer user-friendly and cost-effective services adaptable to the specific needs of buildings users and grid utilities.

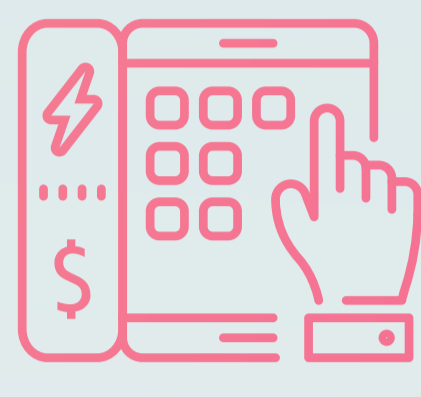
The Phoenix project focuses on 6 DEMONSTRATION OBJECTIVES:



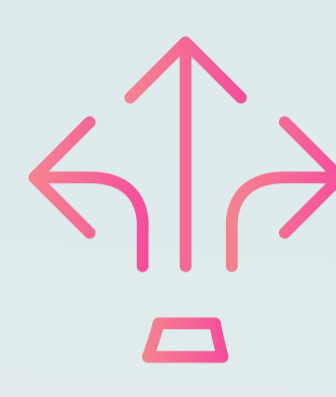
Improve the efficiency and energy management of the building



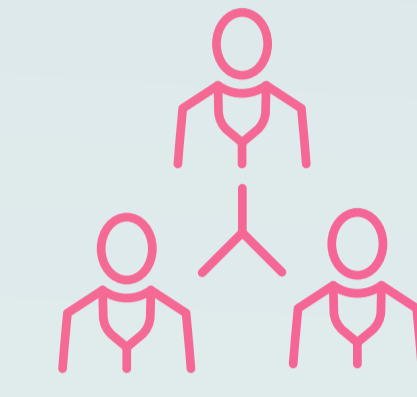
Enhance life quality & comfort feeling of the building occupants



Decrease cost for energy



Demand Response and Flexibility for grid optimisation



Consumer to Prosumer Transition



Data for building intelligence

DEVICES



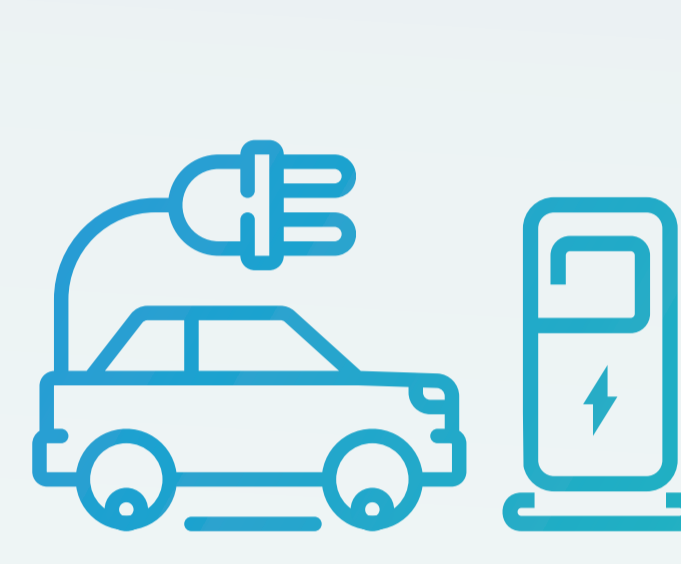
Legacy Equipment



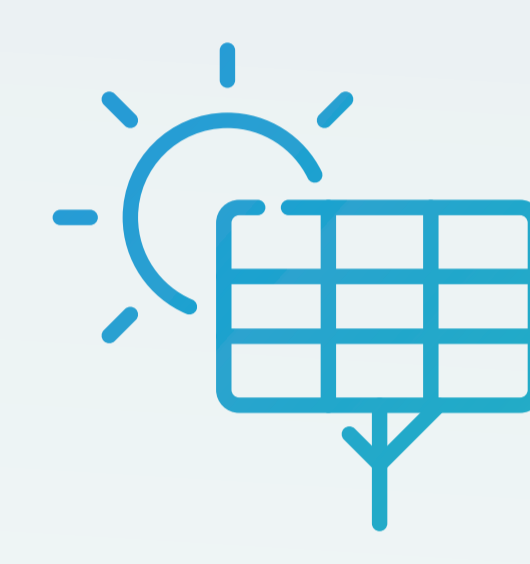
Smart Appliances



Storage



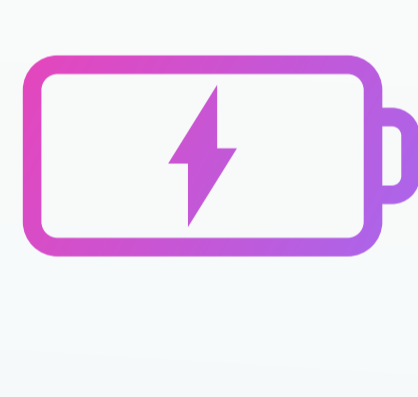
Electric Vehicles



Distributed RES



DASHBOARD



Self-consumption Optimisation



Energy Performance Certificate



Flexibility



Comfort & Well Being



Predictive Maintenance



Smart Performance Assessment & Advisor

SERVICES

DEMONSTRATION CASES Validation & Evaluation



SPANISH PILOT SITE #1
Region of Murcia

Flexibility Engine
Comfort and Well-being



SPANISH PILOT SITE #2
University of Murcia

Flexibility Engine
Comfort and Well-being
Predictive Maintenance
Smart Readiness Indicator Calculator
Energy Performance Certificate evaluation



IRISH PILOT SITE
Rediscovery Centre, Dublin

Self-generation and energy storage
Grid Flexibility
Comfort and Well-being



SWEDISH PILOT SITE
Skellefteå

Flexibility Engine
Comfort and Well-being

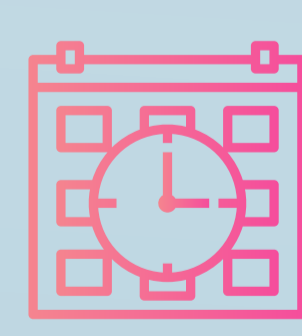


GREEK PILOT SITE
KaMa in Thessaloniki

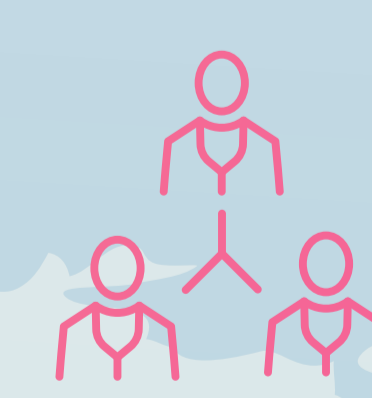
Self-generation and energy storage
Grid Flexibility
Comfort and Well-being



PROJECT BUDGET:
approx
5,2 million



PROJECT DURATION:
36 months
(09/2020 – 08/2023)



PROJECT TEAMS:
12 partners
from 7 member states

PARTNERS

