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 Perfromance 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

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www.eu-phoenix.eu