

PERSEPHONE project

<https://www.persephone-project.eu>

“Improve Energy Efficiency through Personalised Energy Management Services in Small Offices and Homes”

PERSEPHONE Project News – Events

Upcoming Events:

➤ PERSEPHONE Project presentation

Towards disseminating the project’s activities/progress and results, as well as collaborating and sharing knowledge with other EU-funded projects of similar topic, PERSEPHONE project is planned to be presented (online) to a wider scientific audience and relevant business stakeholders during the kick-off meeting (December 2020) of H2020 BEYOND project.

Implementations / Deployments:

➤ PERSEPHONE Data Analytics Framework

- ✓ Energy Modelling
- ✓ Context-aware profiling mechanism (Energy usage, Visual & Thermal comfort profiling)

➤ PERSEPHONE Recommendation Framework

- ✓ Behavioural Based Recommendation Engine



PERSEPHONE
at a glance...

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- [The News](#)

The Partners:



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PERSEPHONE project – Results

➤ PERSEPHONE Platform

The delivery of the platform aims at the collection and pre-processing of the data coming from the sensors and actuators of the pilot building along with the data coming from users in order to analyze them and provide meaningful analytical results, used as input into the PERSEPHONE mobile personalized applications.

Components:

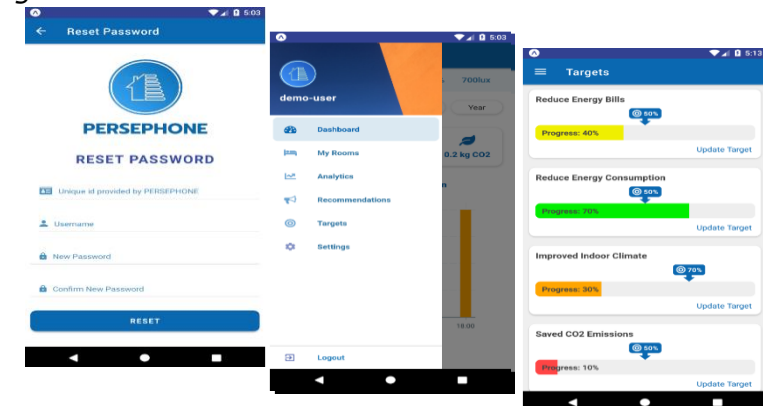
- ✓ Data Collection component
- ✓ Data Mapping component
- ✓ Data Cleaning component
- ✓ Data Storage component

➤ PERSEPHONE Personalised Mobile Application

The main scope of the application is to enable the better ecological awareness through an enhanced understanding of building occupants’ (i.e PERSEPHONE mobile app end-users) energy behaviour. As a result, the building occupants may enjoy energy and cost savings, while benefiting the environment.

Main Functionalities:

- ✓ Visualization of aggregated information related to the ambient conditions & rooms’ assigned devices.
- ✓ Visualization of user’s comfort preferences.
- ✓ Recommendations provision based on user’s energy behaviour.
- ✓ Visualization of personalized energy consumption information.
- ✓ Visualization of personalised performance, related to user’s set targets



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