

Welcome to PERSEPHONE project

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



PERSEPHONE

at a glance...

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PERSEPHONE Project News – Events

Upcoming events:

➤ [1st Plenary/Kick off Meeting of the PERSEPHONE Project](#)

The first plenary/kick off meeting of the PERSEPHONE project will take place in Limassol, Cyprus on 3rd July, 2019 and will be hosted by Suite5.

The meeting represents the commencement of cooperation between Suite5 and UBITECH project members and the initial setup of objectives and activities within the PERSEPHONE project. Scope of this meeting is to set the guidelines and plan to be followed by both partners towards the successful delivery of the project.

In addition, the initial Business Scenarios and Use Cases of the project will be defined upon discussion among the partners. The outcomes of the Business Scenarios and Use Cases definition will be complemented with the initial list of end-user's requirements. Additionally the PERSEPHONE architecture will be presented and both partners will have the opportunity to discuss about the main parts of the PERSEPHONE modelling approach.

PERSEPHONE – Vision...



PERSEPHONE project aims to design, provide and validate an innovative energy-aware IT ecosystem that can be easily deployable and applicable in small offices and houses, for motivating end-users' behavioural changes towards the adoption of energy efficient lifestyle.



Building upon the evolvments in the Internet of Things, Data Modelling and Analysis and Recommendation and Gamification eras, PERSEPHONE will develop a mobile application and a game targeted at providing energy related information, to end users, triggering interaction with relevant users, thus increasing their awareness on ways to achieve energy consumption savings in their daily activities and adopt energy efficient lifestyles based on a set of recommendations and motives targeted to their culture and comfort zone. Additionally the proposed framework will support personalized behavioural analysis and consumption disaggregation, to provide individuals with tailor made efficiency insights and motives to adopt greener behaviours.



The project supports automated and homogeneous data collection and management through the aggregation of data streams generated from sensor networks and smart meters, as well as through the retrieval of data from mobile crowd sensing activities and their mapping to well-defined semantic models.



Validation and evaluation of the developed mechanisms and tools will take place in real life activities of energy consumers, through a set of trials in one pilot site (small office) located in Limassol, Cyprus; based on a detailed plan, specific scenarios and methodology along with well-defined performance indicators.



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

The Partners:



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