

# **ABOUT THE PROJECT**

SIT4Energy aims to present to end-user prosumers analysis tools and recommendations for energy efficiency actions, enabling them to realize energy savings potentials, so as to widen user adoption of such techniques and increase their effectiveness.

Accordingly, the vision and fundamental goal of the SIT4Energy project is: to provide evidence, frameworks and tools for motivating and supporting behavioral change of energy end-users towards energy savings.

#### SUCCESS THROUGH SMART IT

Advanced Mobile Recommendations systems, adaptive incentivization and context-aware triggering services, Smart Energy Management Dashboard with smart analytics, and many more to support sustainable energy in buildings.



# **THE SIT4Energy CONCEPT**

SIT4Energy is about combining and advancing research findings in 3 pillars:

- P1 Technological innovation
- P2 New business models
- P3 consumer empowerment solution

so as to contribute to consumers behavioral change towards energy efficient manners



With the introduction of the SIT4Energy pillars it is expected that energy providers will be able to **better balance energy** offer and demand and increase the financial benefits for themselves and

for their energy-aware consumers.

## **THE SIT4Energy PILOTS**

SIT4Energy will be tested at a living Lab (CERTH/ ITI Smart House), Residential customers (Haßfurt Town) and Tertiary buildings (Harokopio University)



- **Consortium:** 4 partners from 2 counttries
- Start: March 2018
- **Duration:** 3 years
- **Programme:** Greek-German Bilateral Research and Innovation Cooperation, 2016
- Budget: € 711.832.
- **Further info:** https://sit4energy.eu

"SIT4Energy will adapt state-of-the-art human behaviour change models to SIT4Energy solutions for energy savings"

# SIT4Energy Leaflet No.1 October 2018

# SPECIFIC OBJECTIVES

- **#1**:Understanding the interests, preferences and behavioural drivers of SIT4Energy users
- **#2**:Design prototype Business Models (BM)
- #3:Engineer a consumer empowerment framework to trigger sustainable energy consumer/ prosumer practices
- #4:Develop strategies for increased consumer engagement in sustainable energy
- #5:Exploit micro-moments for individualized strategies towards behavioral change.
- #6:Stimulate actual empowerment of consumers and increased understanding of sustainable energy and energy billing
- #7:Implement context-based mobile recommendation services
- #8:Develop adaptive incentivization and contextaware triggering services
- **#9**:Exploit and integrate consumption, context data and behavioural analytics to develop a smart visual analytics dashboard enabling integrated energy management that identifies and exploits energy efficiency potentials on both demand and supply side

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# PARTNERS

The SIT4Energy Consortium consists of 4 complementary partners from Germany (Stralsund & Haßfurt) and Greece (Athens & Thessaloniki)



# **FUNDING AGENCIES**



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# **Smart IT for Energy Efficiency &**

# **Integrated Demand Management**

A Greek-German Bilateral Research and Innovation Cooperation program, 2016

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