eco-bot **partners**

RiSA
botégo
Pleg.ma
estabanell energia
SEnerCon
DEXMA
University of Strathclyde
University of Economics in Katowice
adelphi

eco-bot **quick facts**

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- *Project Number:* **767625**
- *Project Acronym:* **Eco-Bot**
- *Duration:* **From 2017-10-01 to 2020-12-31**
- *Number of Countries:* **6 (Germany, Spain, Turkey, Poland, UK, Greece)**
- *Number of partners:* **9**
- *Requested EU contribution:* **EUR 1.964.145,38**

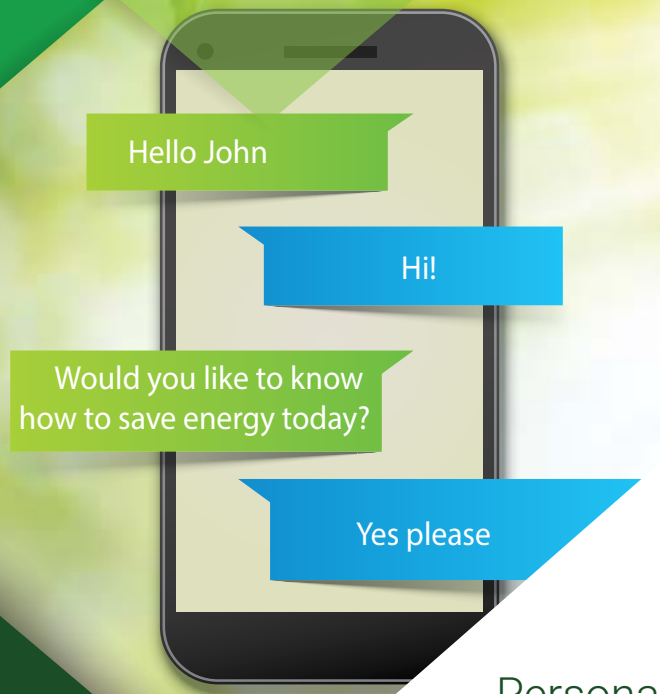
www.eco-bot.eu

eco-bot *ecobotproject* *ecobotproject*

eco-bot *funding*

This project is co-funded by the European Commission under the "H2020-EU.3.3.1. - Reducing energy consumption and carbon footprint by smart and sustainable use" program topic, according to the Grant agreement No. 767625

"Our goal is to raise awareness in the behaviour of residential and commercial energy consumers in regard to energy efficiency"



Personalised ICT-tools for the Active Engagement of Consumers Towards Sustainable Energy

eco-bot

let's talk energy!

Pilots

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Eco-Bot runs on three European pilots

Electric Power Utility in Catalonia, Spain

The Estabanell electric power utility (business to consumer) use case will demonstrate how delivering personalised information on appliance-level usage and relevant efficiency tips can affect the behaviour of customers.

Building Energy Management System users in Europe

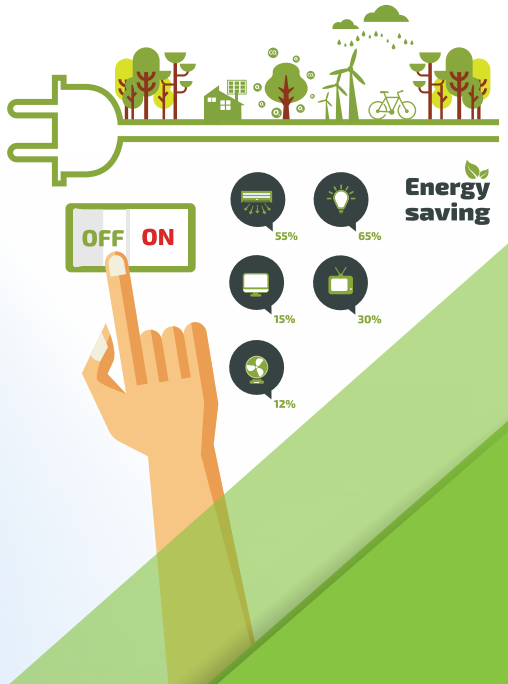
In this (business to business) use case we will demonstrate how chat-bot technology can better engage business users such as property managers. DEXMA is a leading building energy management system provider.

Residential users with smart meters in Germany

SEnerCon in collaboration with co2online (business to business to consumer use case) reaches residential energy consumers directly via its energy monitoring / energy savings account, which is available in 10 countries.

What is Eco-Bot?

Eco-Bot solution includes a personalised "virtual energy advisor" chat-bot that operates as a personal consultant to end-users to help them reduce energy use, while retaining comfort levels. Multi-factorial behavioural models and appliance-level energy data are considered by the personalised recommendation engine that lies in the heart of the system.



HOW DO WE DO IT?

- Create a taxonomy of energy efficiency models
- Design optimal personalised engagement strategies
- Create an efficient low-cost ICT platform
- Provide itemised billing based on energy disaggregation algorithms
- Validate the concept by monitoring the increase in energy efficiency
- Improve awareness of economic and social benefits and ways in which these can be achieved
- Articulate communication with EU and international organisations in order to gain common understanding and establish mutual support