eco-bot
let's talk energy!

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

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

Hello John

Hi!

Would you like to know how to save energy today?

Yes please

WHAT ARE OUR EXPECTED OUTCOMES?

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.
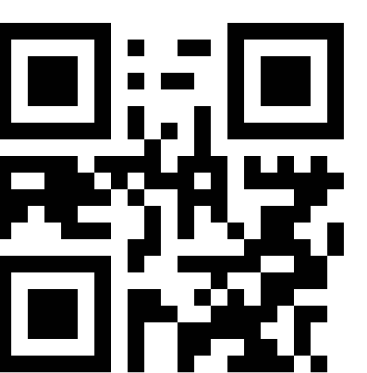
Eco-Bot runs on **three European pilots**

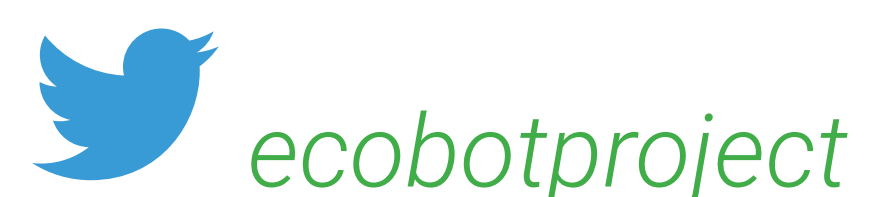**Electric Power Utility in Catalonia, Spain**

Building Energy Management System users in Europe

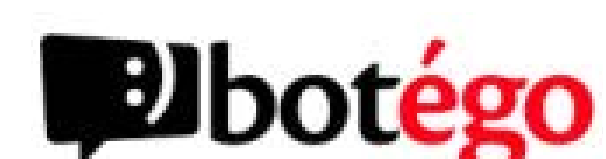**Residential users with smart meters in Germany**

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eco-bot **partners**

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SEnerCon

DEXMA ENERGY MANAGEMENT

adelphi

University of Economics in Katowice

University of Strathclyde

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**

eco-bot funding