SATO

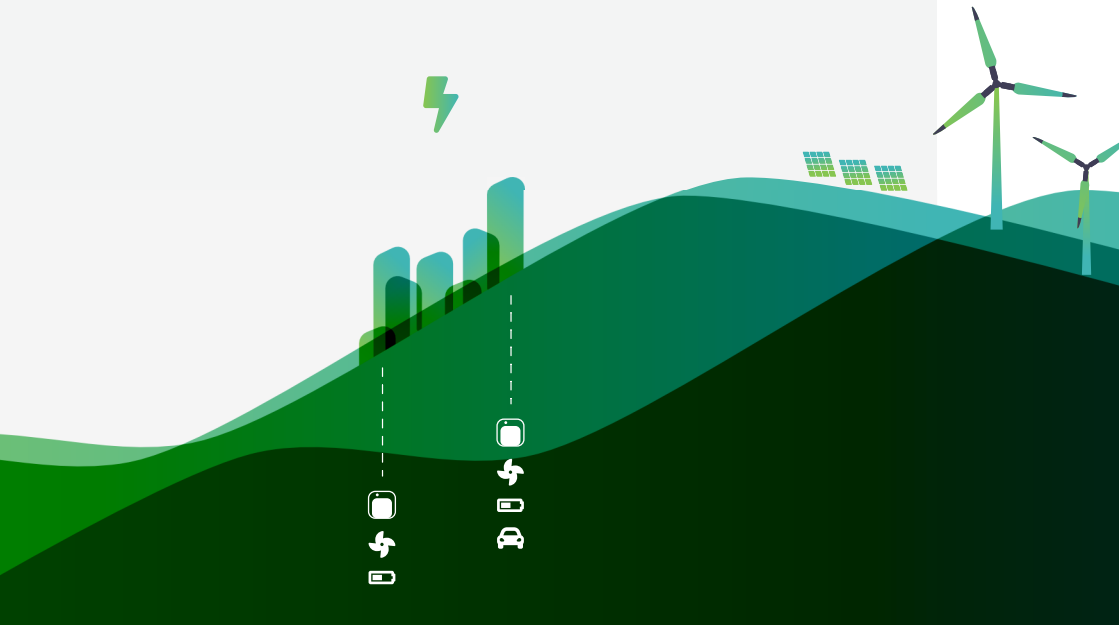
Self Assessment Towards Optimization of Building Energy

16
partners

7
countries

6,8M€
EU Funding

48
Months



SATO

SATO will implement a **cloud-based platform** that can perform self-assessment and optimization of energy consuming devices in a building. This platform will use an artificial intelligence approach combined with 3D BIM based visualization to provide an accurate vision of the real-life **energy performance of buildings and appliances**.

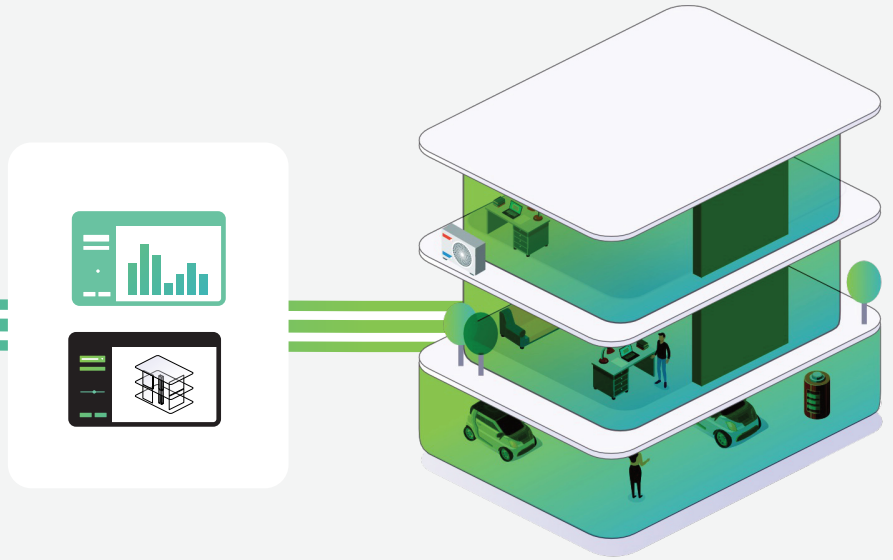
SATO will develop

A state-of-the-art building energy assessment and optimization platform

Solutions that, independently of the building type, can provide Internet-of-Things (IoT) capabilities

A mobile application that combines building equipment control and information services into user interaction services

The SATO project provides a digital platform to integrate building data.

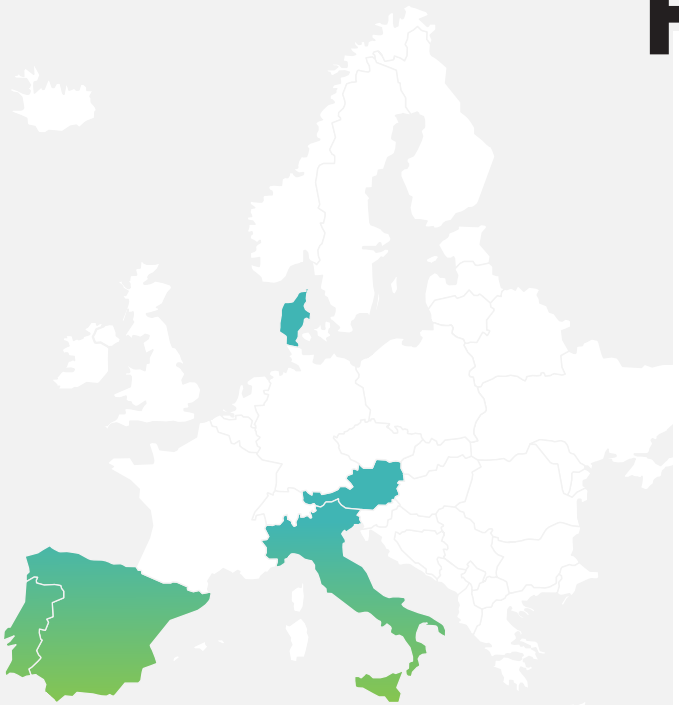


Impact

1.800 GWh/year
primary energy savings

20% reduction
of the energy consumption throughout project

275.000 tCO2-eq/year
reduction of greenhouse gas emissions



Pilots

The project
includes 8 pilots
in 3 climate regions

- Mediterranean
- Central
- Northern Europe

where the SATO
platform will be
deployed and tested.

This project receives funding from the European Union's Horizon 2020 Research and Innovation Programme under Grant Agreement Number 957128.

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