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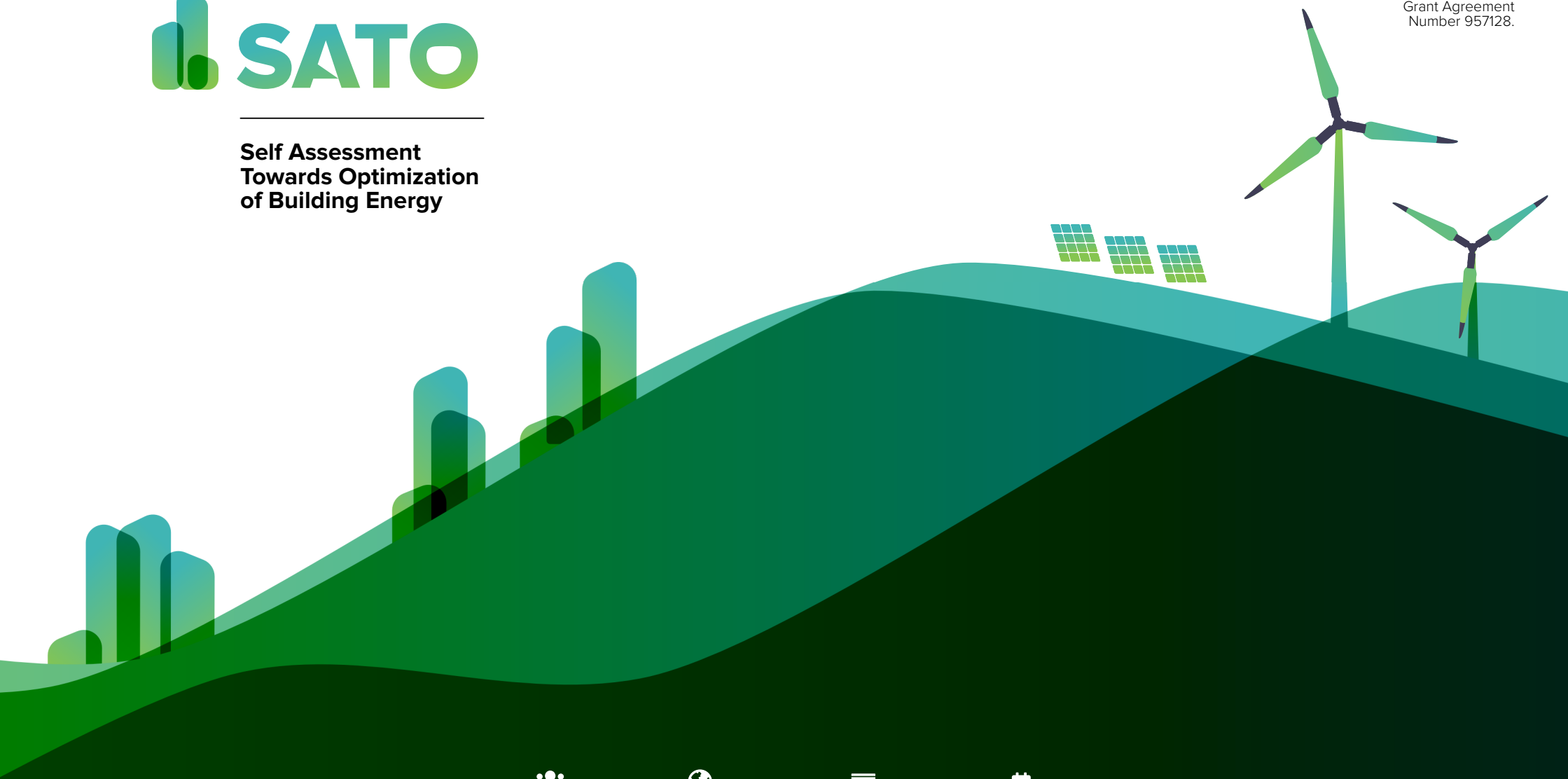
SATO

Self Assessment Towards Optimization of Building Energy



16
partners

7
countries

8,7M€
EU Funding

36
Months

SATO

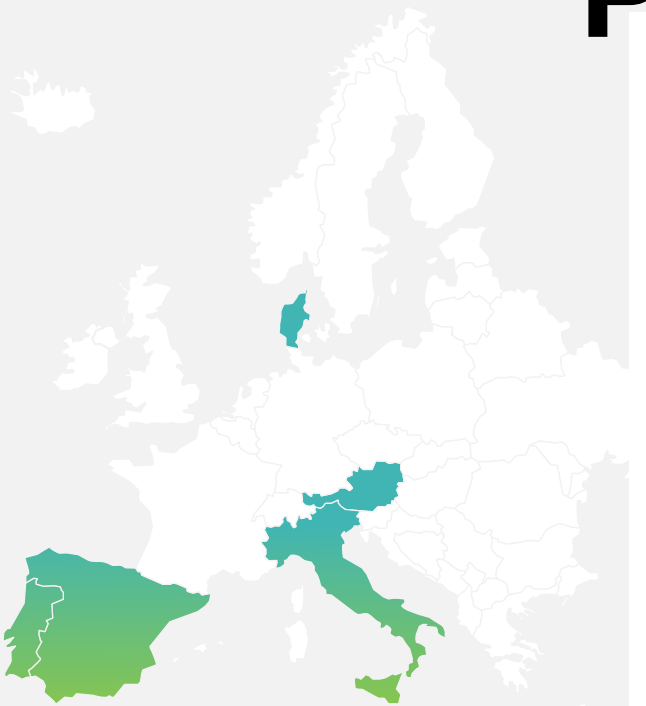
SATO will implement a **cloud-based platform** that can perform self-assessment and optimization of energy consuming devices in a building. This platform will use an artificial intelligence approach combined with 3D BIM based visualization to provide an accurate vision of the real-life **energy performance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



Pilots

The project includes 8 pilots in 3 climate regions

- Mediterranean
- Central
- Northern Europe

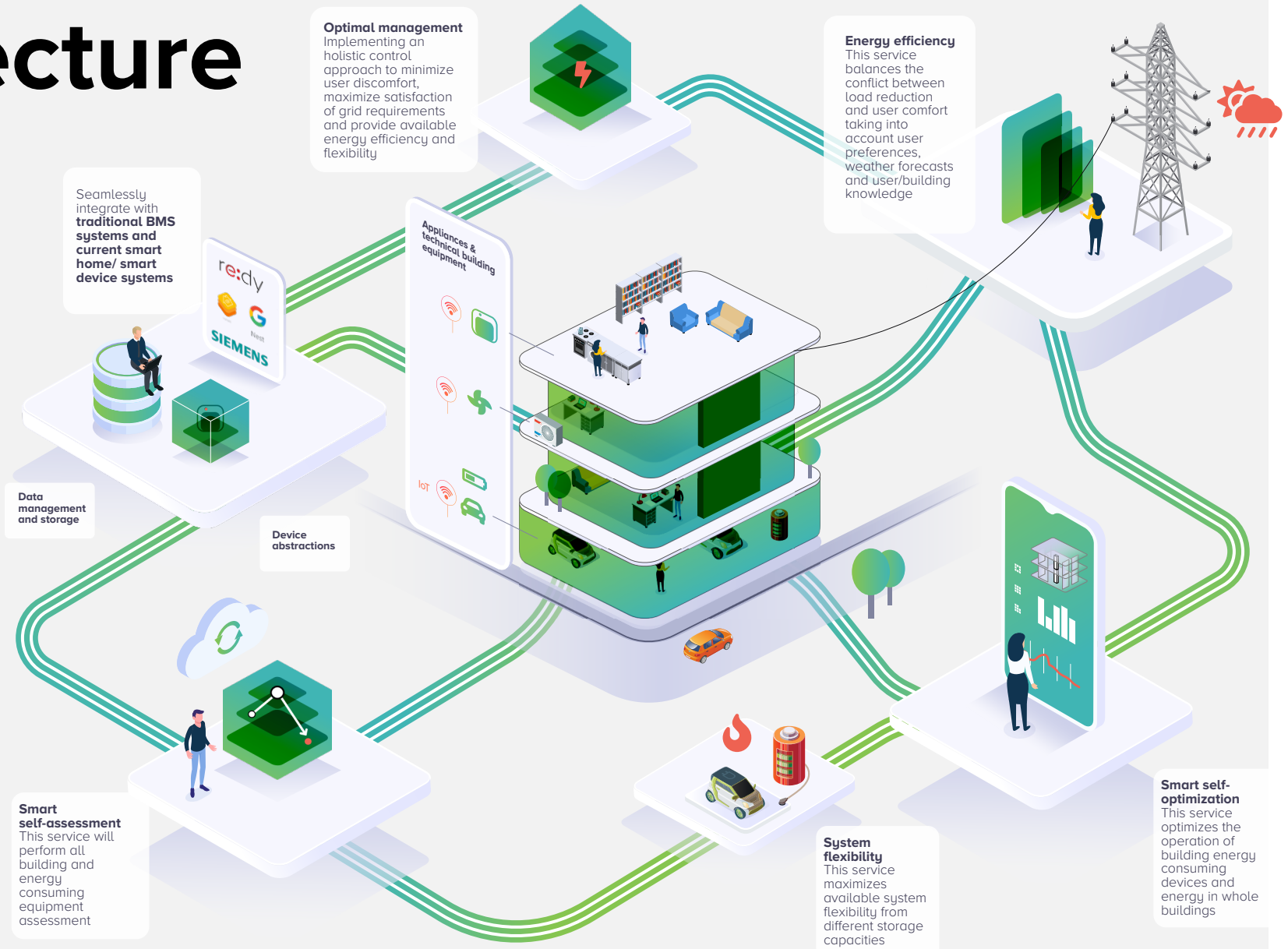
where the SATO platform will be deployed and tested.

Architecture

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



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