



# SmartSPIN

## PRESS-RELEASE

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### The SmartSPIN revolutionising sustainability and efficiency in commercial buildings

The SmartSPIN project is developing an innovative automated approach that boosts energy saving in commercial buildings. By integrating advanced data visualisation for energy management, our solution will not only optimise energy use but also engage customers through a gamified smartphone app, making energy efficiency both accessible and enjoyable.

**Tecnia** has developed **data-driven energy diagnostics algorithms** to identify the most significant energy and cost streams in buildings using data such as the location (i.e., climate), characteristics (i.e., size), usage (opening hours, schedules, etc.), and general HVAC characteristics, as well as overall facility energy consumption. As a result, the algorithms generate recommendations for alternative energy management strategies that surpass the baseline performance, offering improvements for short-term and long-term operations.

At present, tenants, landlords, facility manager, and ESCOs based in Spain and Greece are using the developed algorithms through the visualisation dashboard. Furthermore, within the Greek demo site, a demand response service has been developed by using the flexible tariff template.

Following a gamification strategy, **Smarkia** has also developed the **SmartSPIN app** aiming to introduce a competitive element to impact the implementation of energy saving opportunities in the different demo sites. Additionally, the objective of the app is to identify commonalities between the different tenancies. To achieve tangible results, the Spanish and Greek demo sites have begun implementing the app. Further results will be presented in the upcoming months.



SmartSPIN gamification app



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