



PRESS RELEASE

CRS4 partner in an international project for the development of the next generation of energy service applications with consumers at the heart of the market

Cagliari, October 17th 2020

CRS4 participates in the international project SENDER - Sustainable consumer engagement and demand response, funded by the EU Horizon 2020 Research and Innovation programme under the Grant Agreement n. 957755 which amounts to 6.750.000 Euros, with **15 organisations** from **7 countries** (Austria, Finland, France, Greece, Italy, Spain and Norway). In the next 48 months, the goal will be to develop and test the next generation of energy services by **directly engaging consumers in the definition of technologies** that will improve the management of **energy exchanges through the network**.

In the context of a continuously increasing renewable energy generation, where grid operators require more flexibility in energy distribution, SENDER will involve consumers considering their **needs like home automation, convenience and security**. This will allow to use the flexibility in the distribution grid to **improve frequency stability, grid congestion and a greater integration of renewable energy sources**.

CRS4 will develop a **probabilistic forecast tool for consumption and energy production from renewable sources**, so, able to predict the flexibility of individual users' domestic consumption.

“It is useful and appropriate” says the **CRS4’s sole administrator, Giacomo Cao** “to highlight the importance to see projects submitted to **competitive announcement of opportunities at the European level** approved not only because the obtained resources allow us to fully cover personnel costs but also to demonstrate **the capability of our researchers** coordinated in this case by **Luca Massidda**. The project topic is particularly interesting for the Sardinia Region that, in addition to the financial contribution to our Center, has identified among its specialization strategies the one related to **the intelligent grids for the efficient energy management** to which the approved project will provide a useful contribution”.

CRS4 Media Contacts

Greca Meloni – Head of Press Office

email: greca.meloni@crs4.it – phone: +393472152650