ENERGY COMMUNITIES: €5.7 BILLION IN INCENTIVES WILL OPEN THE DOOR TO A NEW SOFTWARE MARKET

Maps Group is ready with its Rose Energy Community solution

4 december 2023

After months of debate, the European Union has approved Italy's plan to incentivize the expansion of Renewable Energy Communities (RECs) across the entire national territory. The plan amounts to €5.7 billion, partly financed by European funds, and consists of two parts: a premium tariff, awarded based on the total energy produced and used within the community, and a non-repayable contribution used to finance up to 40% of the costs incurred for creating the community. Moreover, this plan aims to incentivize the installation of a new 7 GW of renewable energy within 5 years. Overall, the expectations are to see between 10,000 and 15,000 RECs spread across the national territory by 2027

"The widespread presence of Energy Communities - stated **Marco Ciscato, Chairman of Maps Group**, a company listed on the EGM segment of Borsa Italiana - will lead, on one hand, to an increase in the demand for innovative energy assets such as photovoltaic panels or storage systems. On the other hand, it will open the doors to a new software market, which is necessary for community management. An Energy Community, in fact, is an aggregation of consumers, producers, and energy prosumers from renewable sources who join forces with the aim of sharing, as much as possible, the energy produced by the community members themselves. Achieving this goal requires the presence of software capable of, first, coordinating all the energy assets of the community, and second, guiding its members in consumption choices by indicating virtuous behaviors to maximize the shared energy, thereby fully benefiting from the incentive. Additionally, Community Managers need software to effectively oversee the entirety of the REC they manage. In short, software capable of meeting the diverse needs of all actors involved in this new model of responsible production and consumption, destined to play a fundamental role in the energy transition."

"We at Maps Group - concludes Ciscato - already have this software. It's called Rose Energy Community, a solution capable of maximizing energy sharing, optimizing the energy production of installed assets, suggesting virtuous behaviors to members to minimize their bills, and maximize the generated incentive. Moreover, our solution can redistribute the incentives generated based on the specific allocation logics of each REC and monitor in real-time what happens within the community through a single management interface. Finally, thanks to a specific module, our solution allows for a preliminary simulation of possible community configurations, providing an estimate of the key performance indicators contributing to the realization of technical-economic feasibility studies."

Rose Energy Community

ROSE Energy Community is the software for preliminary analysis and operational management of local renewable energy production and its sharing among citizens, businesses, and local entities.

ROSE Energy Community digitalizes the processes of feasibility analysis, promotion, establishment, monitoring, energy data management, and incentive allocation. It combines an Intelligent Energy Management module for planning and optimizing energy resources to increase shared energy, along with a mobile app to engage participants and suggest virtuous behaviors in real-time.

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C.F. e P.IVA 01977490356 – R.E.A. PR-240225 – SDI: M5UXCR1

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SHARING KNOWLEDGE

The ROSE Energy Community Designer module conducts preliminary simulation and professional energy and economic analysis of configurations for sharing renewable energy. It provides an estimate of key performance indicators contributing to the realization of technical-economic feasibility studies for REC (Renewable Energy Community) and AUC (Active User Communities). With user-friendly features, extensive functionalities, and the ability to simulate REC and AUC using a library of specific statistical consumption profiles or importing actual consumption data of individual members, ROSE Energy Community Designer aids in developing and enhancing the business model. It contributes to formulating a long-term strategy for managing renewable energy sharing projects.

Furthermore, the ROSE Energy Community Promoter module supports the identification and management of entities interested in participating in an Energy Community, from collecting expressions of interest to completing the registration process as actual members. It provides a highly configurable dedicated web interface integrated with the management platform, optimizing promotion and development activities for prospective Energy Community members with just a few clicks. ROSE Energy Community Promoter facilitates the collection of data and documents from each member required by the Energy Community contact to initiate the request for access to incentives.

MAPS GROUP

Maps, founded in 2002, is an Innovative SME leading a group of companies, Maps Group, headquartered in Parma with over 300 employees. It operates in the Digital Transformation market, focusing specifically on the Healthcare, Energy, and ESG sectors. Since 2019, it has been listed on the Euronext Growth Milan segment of the Italian Stock Exchange, formerly AIM Italia. Through its solutions, Maps Group enables clients to derive value from data for better decision-making and operational innovation. The Maps Energy Business Unit supports ongoing changes for energy transition, particularly in flexibility, energy communities, and energy efficiency.

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