
algoWatt: new innovation project on Renewable Energy Communities funded

- **Horizon Europe grant of approximately EUR 0.5 million for interactive simulations to support investments in green energy and governance of CERs.**
- **Pilot sites planned in Italy, France, Sweden and Turkey, in compliance with the respective regulations**

algoWatt, a GreenTech Company listed on the Euronext Milan market of Borsa Italiana, has been awarded a loan of approximately Euro 0.5 million for its activities as Digital Energy solution provider and system integrator on the MASTERPIECE (*Multidisciplinary Approaches and Software Technologies for Engagement, Recruitment and Participation in Innovative Energy Communities in Europe*) project financed under the Horizon Europe programme.

MASTERPIECE aims to create a digital arena of coordination and cooperation that will facilitate the creation and operation of energy communities across Europe. The tools provided to energy community members to contribute to the services envisaged by the new market dynamics and regulatory environment will be the distinction of the overall solution offered by the project, conceived as participatory by design. The project will follow a step-by-step implementation approach, using use cases with different maturity and technology maturity levels to validate and evaluate the proposed innovations, and will exploit the participation of 4 pilot sites in different geographical areas and within different operational/political frameworks (France, Italy, Sweden and Turkey). Within the project, algoWatt is leading the activities to develop tools, in line with the product development roadmaps for business solutions in the specific context (<https://algowatt.com/comunita-energetiche>), for:

- Interactive decision-support simulations for sustainable energy investments in renewable energy communities;
- Governance, management and operation of heterogeneous renewable energy communities.

The objectives of the project are:

- develop technical and social innovations to empower traditional energy consumers and make them active agents of collaborative energy communities, paving the way for a new energy market paradigm;
- create user-centred solutions based on participatory approaches such as co-creation and of course accelerate citizen involvement;
- propose new business strategies and incentive mechanisms that trigger the reactions of market players eager for business opportunities involving energy use and cost reduction;
- set up a standardised and robust cyber security infrastructure so that active citizens are protected from cyber attacks, at the same time privacy is defended in accordance with the revised EU Energy Performance of Buildings Directive (EPBD) and the GDPR law, and, finally;
- demonstrate the applicability and replicability of methodological, technical and business innovations in a variety of real pilot projects in different geographical locations, with heterogeneous social and economic environments and different regulatory/administrative frameworks.

The MASTERPIECE project, with a total duration of 42 months and a total investment of around Euro 7 million (EU funding of around Euro 6 million) is coordinated by the Universidad de Murcia (ES) and involves 18 partners.

The MASTERPIECE project received funding from the European Union's Horizon Europe research and innovation programme under Grant Agreement No. 101096836.

This press release is also available on the Company's website www.algowatt.com and on the regulated information dissemination system 1INFO www.1info.it.

alگوWatt (ALW), a *GreenTech solutions company*, designs, develops and integrates solutions for managing energy and natural resources in a sustainable and socially responsible manner. The company provides management and control systems that integrate devices, networks, software and services with a clear sectoral focus: digital energy and utilities, smart cities & enterprises and green mobility. alگوWatt was born from the merger of TerniEnergia, a leading company in the renewable energy and environmental industry, and Softeco, an ICT solutions provider with over 40 years of experience for customers operating in the energy, industry and transport sectors. The company, with more than 200 employees in 7 locations in Italy and investments in research and innovation amounting to more than 12% of its turnover, operates with an efficient corporate organisation, focused on its reference markets: Green Energy Utility: renewable energies, digital energy, smart grids; Green Enterprise&City: IoT, data analysis, energy efficiency, building and process automation; Green Mobility: electric, sharing and on demand. Different markets, one focus: sustainability. alگوWatt is listed on the Euronext Milan market of Borsa Italiana S.p.A..

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