
algoWatt: RESTABILISE 4.0 research project partner for balancing energy infrastructure

algoWatt, GreenTech Solutions company listed on Borsa Italiana's electronic stock exchange (MTA) met today, announces that the RESTABILISE 4.0 project (Resilience and Energy: Specialisation of Enabling Technologies for the Balancing of Infrastructures and Energy Systems), of which the company is a partner, had access to a total grant of Euro 0.2 million.

The research project has been included in the list of eligible projects eligible for funding under the Call for proposals for industrial research and experimental development projects in the field of enabling technologies 4.0 promulgated by the Start4.0 Competence Centre (<https://www.start4-0.it/>), for Security and Optimisation of Strategic Infrastructure, established by the Ministry of Economic Development. The scenario considered by the proposal, also on the basis of the guidelines of the European and national regulators, is one that sees an increasingly decentralized electricity network, in which there are aggregates of different types such as, for example, energy communities at the level of condominiums, neighbourhoods, urban districts, industrial areas.

The research project aims to develop new approaches and methods to ensure business continuity and implement policies and strategies to ensure resilience in the event of a critical event, whether caused by computer risk, network failures, data transmission problems or the unpredictable behaviour of generators and loads connected to the network. RESTABILISE 4.0 combines the heterogeneous and complementary skills of 3 industrial partners - FlairBit S.r.l. (coordinator), algoWatt S.p.A., Camelot Biomedical Systems S.r.l. - and a research body - University of Genoa (CENVIS/DIBRIS), to define and validate on a microgrid the technologies to ensure the resilience and reliability of energy systems.

algoWatt, active in the development of solutions for the energy supply chain, is strongly oriented towards innovation and strengthening its portfolio of energy expertise. In particular, the RESTABILISE 4.0 project will increase the range of applications of enabling technologies for forecasting production and consumption, as well as for DSS policies to ensure energy compensation and resilience of a distributed system.

These are, in fact, strategic areas from a market perspective to increase, thanks to research activities, the company offer. algoWatt will widen the field of its solutions, in order to foresee and manage the flexibility of energy systems, with innovative methods able to integrate different uses, such as the use of storage systems for local energy management and contribution to grid stability, as proposed by ARERA's Ultrarapida Reserve service.

This press release is available on the Company's website www.algowatt.com.

algoWatt (ALW), *greentech solutions company*, designs, develops and integrates solutions for energy and natural resource management in a sustainable and socially responsible manner. The Company provides management and control systems that integrate devices, networks, software and services with a clear sector focus: digital energy and utilities, smart cities & enterprises and green mobility. algoWatt is the result of 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 located in 7 locations in Italy and investments in research and innovation for more than 12% of turnover, operates with an efficient corporate organization, focused on the following markets: Green Energy Utility: renewable energy, digital energy, smart grids; Green Enterprise&City: IoT, data analysis, energy efficiency, building and process automation; Green Mobility: electric, shared and on demand. Different markets, a single focus: sustainability. algoWatt is listed on the Mercato Telematico Azionario (MTA) of Borsa Italiana S.p.A..

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