



**Finanțat de
Uniunea Europeană**



Press Release Regarding the Implementation of the Project

RENEWABLE ENERGY HOLDING S.A., headquartered in Comuna Adunații – Copăceni, sat Mogoșești, Șos. Victoriei nr. 99, Corp E, postal code 087007, Giurgiu County, phone: 0752246911, Fax: 0752246911, tax registration code 48563718 registered at the Trade Register no. J2023000676527, email albert.mihai@renewableenergyholding.ro, WEB: www.renewableenergyholding.ro, announces the start of the project titled

“SYSTEM INTEGRATED AMPP FOR MANAGEMENT AND DISTRIBUTION OF ENERGY PRODUCED BY PHOTOVOLTAIC POWER PLANTS FOR BALANCING THE NETWORKS IN THE NATIONAL ENERGY SYSTEM,”

SMART GROWTH, DIGITALIZATION AND FINANCIAL INSTRUMENTS PROGRAM 2021-2027 (POCIDIF), Project type: Support for newly established innovative enterprises, under Action 1.1, Measure 1.1.1, Component 1 LDR, Call code: PCIDIF/155/PCIDIF_P1/OP1/RSO 1.1/PCIDIF_A1 Support for the private sector and for collaboration between actors in the public system and the business environment in the field of RDI, SMIS code: 332957

- Beneficiary name: RENEWABLE ENERGY HOLDING S.A.
- Project title: “SYSTEM INTEGRATED AMPP FOR MANAGEMENT AND DISTRIBUTION OF ENERGY PRODUCED BY PHOTOVOLTAIC POWER PLANTS FOR BALANCING THE NETWORKS IN THE NATIONAL ENERGY SYSTEM”
- SMART GROWTH, DIGITALIZATION AND FINANCIAL INSTRUMENTS PROGRAM 2021-2027 (POCIDIF), Project type: Support for newly established innovative enterprises, under Action 1.1, Measure 1.1.1, Component 1 LDR, Call code: PCIDIF/155/PCIDIF_P1/OP1/RSO1.1/PCIDIF_A1 Support for the private sector and for collaboration between actors in the public system and the business environment in the field of RDI.
- SMIS code: 332957
- Location (County, Locality): Giurgiu County, Mogoșești.

General Objective of the Project / Purpose of the Project: Introduction into production and large-scale manufacturing of the commercial finished product “INTEGRATED AMPP SYSTEM FOR MANAGEMENT AND DISTRIBUTION OF ENERGY PRODUCED BY PHOTOVOLTAIC POWER PLANTS FOR BALANCING THE NETWORKS IN THE NATIONAL ENERGY SYSTEM”, with a Technological Readiness Level TRL 8 Embedded system in commercial design.

Specific Objectives of the Project1. Realization of the hardware and software Prototype Industrial IoT AMPP Platform through innovative methods of Artificial Intelligence (AI) using advanced algorithms and superior analysis criteria, special mathematical methods, and machine learning/deep learning techniques, a platform that provides precise forecasts of power delivered to the grid or for self-consumption, monitoring of all parameters in real-time of the entire system (including consumers in the case of consumers), detailed data analysis for identifying and diagnosing faults, allowing quick and efficient interventions in case of faults or failures, anticipating faults and the performance of the entire system in the future, identifying early signs of potential faults or failures to take preventive measures before they become critical.

Realization of the software Prototype Dedicated AMPP Application, a complex software solution that, through an intuitive HMI Interface, allows the management, monitoring, analysis, diagnosis, control, and remote management of photovoltaic power plants, as well as energy trading for any type of photovoltaic projects.

Realization of the new Product “INTEGRATED AMPP SYSTEM FOR MANAGEMENT AND DISTRIBUTION OF ENERGY PRODUCED BY PHOTOVOLTAIC POWER PLANTS FOR BALANCING THE NETWORKS IN THE NATIONAL ENERGY SYSTEM”, with a Technological Readiness Level TRL 8 Embedded system in commercial design.

Start Date and End Date: 11.2025 – 10.2027

Total Budget (in lei): 7,421,742.17 lei

EU Budget (in lei): 6,308,480.84 lei

National Budget (in lei): 1,113,261.33 lei

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