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PPC Group participates in the European Research Project SOLARIS

SOLARIS: Digital and physical tools to enhance the reliability and efficiency of photovoltaic plants

PPC Group is participating in the European research project [SOLARIS](#) (Grant Agreement no. 101146377), which aims to develop more efficient, reliable and profitable operation and maintenance strategies for photovoltaic (PV) systems across Europe. The project is co-funded by the Horizon Europe program, has a four-year duration (2024-2028) and is coordinated by Danmarks Tekniske Universitet (Denmark).

SOLARIS develops an integrated set of physical and digital tools that will improve forecasting, enhance performance and support the maintenance of photovoltaic plants. The goal is to increase efficiency and availability of facilities, while reducing the cost of generated energy by 10%.

PPC actively contributes to the project by providing its 2.6 MW "Bitakos" photovoltaic park in Kastro-Lykovouni as a testing ground for the practical application and validation of SOLARIS solutions under real operating conditions. Within this framework, data such as meteorological measurements, dust deposition through sensors, energy production records, PV module characteristics, as well as information on cleaning and maintenance procedures are collected.

At the same time, PPC is responsible for designing the exploitation strategy of the project, focusing on the development of business models and market analysis, to maximize the application and commercial utilization of SOLARIS results. PPC's role requires close cooperation and knowledge exchange with all partners, aiming to create added value from the project's research outcomes.

Participation in SOLARIS is aligned with PPC Group's strategy to leverage digital tools and promote sustainable investments in Renewable Energy Sources. The transformation of PPC into a Powertech Group includes, among other things, the systematic integration of innovation, the enhancement of technological capacity, and the continuous improvement of energy efficiency. SOLARIS, along with projects such as TWINVEST, RAIDO, DCFlex, and XTRUST-6G, represents important steps in this direction, strengthening PPC's role in the European energy transition.

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About PPC Group

PPC is the leading Powertech Group in Southeastern Europe. At the forefront of the new wave of electrification, the Group plays a pivotal role in Greece's and the wider region's digital transition, through strategic investments in energy and technology infrastructure. The transformation of PPC Group is based on building a clean and flexible energy portfolio, by investing in renewables and lignite phase out in 2026. At the same time, the Group is modernizing the electricity distribution network, while placing the customer at the center of its commercial strategy.

In the energy sector, PPC operates as a fully integrated utility Group, with activities in electricity generation, distribution and sale of advanced energy products and services. PPC Group is active in Greece, Romania, N. Macedonia, Italy and Bulgaria. The Group's total installed capacity stands at 12.5GW, generating 21TWh of electricity annually. As of the end of the first half of 2025, renewables' installed capacity reached 6.3GW, with an additional 3.7GW under development. PPC is the largest energy supplier in Greece and Romania, serving more than 8.7 million customers and delivering 33TWh of electricity annually, along with a broad portfolio of energy products and services.

In the technology sector, PPC is taking a leading role in the digital era by linking energy with innovation. The Group is investing in cutting-edge technologies - from a nationwide fiber-to-the-home (FTTH) network, to international telecommunications cables, data centers, and AI.

Guided by a strategy focused on sustainable growth, PPC Group integrates responsible environmental and social practices across its operations, creating shared value for society and the environment. The Group's ESG progress is reflected in upgrades by international organizations such as S&P Global, CDP, FTSE Russell and ATHEX ESG, as well as in its participation in the global Science Based Targets initiative (SBTi) for climate action. Founded in 1950, PPC has been listed on the Athens Stock Exchange since 2001.



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