

Press release

Telefónica is driving the digitalisation of operational management in Negratín's energy projects

- The company's services incorporate advanced connectivity, real-time location tracking and access control solutions to digitally transform the management and execution of the energy group's construction projects.
- This new model, which optimises the coordination of personnel and materials and strengthens control over project delivery, is currently being trialled in three projects in Colombia.

Madrid, 19 August 2026. – Telefónica has rolled out a new model for managing the Negratín Group's construction projects, based on advanced digitalisation solutions that will transform the way it operates on large-scale energy projects.

Negratín, a global company of Spanish origin specialising in comprehensive solutions for the energy sector, has partnered with Telefónica to incorporate IoT connectivity, real-time location tracking and smart access control capabilities to create a solution that provides continuous, centralised and real-time information on activity within the most complex energy projects.

These solutions are already being rolled out in Negratín projects in several rural locations in Colombia (La Mina, La Tabla and, shortly, Tropezón) which, taken together, have a total photovoltaic power generation capacity of 38.4 MWp (megawatts peak), representing around 10 per cent of the group's activity. Although this is currently a pilot scheme in the Latin American country, the plan is to roll out this solution progressively across the group's other energy plants in the future.

Better services to optimise efficiency

In an environment characterised by the growing complexity of energy projects and pressure regarding deadlines and efficiency, on-site operational management — including team coordination, materials control and access management — has become a critical factor in ensuring their successful execution.

The digitalisation of these processes enables a shift from manual and decentralised models towards systems based on real-time information, which improve operational visibility and enhance control capabilities.

Through these tools, Negratín can continuously monitor the location of teams in the field, manage access to different areas of the project and control the movement of critical materials, thereby optimising task planning and improving coordination between the various parties involved.

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Javier Vizcaíno, Director of Small and Medium-sized Enterprises at Telefónica España, states: “With this project, which arose after seeing a demonstration of the system during a company visit to our LaCabina innovation centre in Madrid, we have taken on the challenge of becoming the best gateway for businesses to digital technologies, offering them more and better services through our cutting-edge solutions so that they can be more competitive and effective in tackling the challenges they face.”

David Torrego, Energy & Installations Managing Director at Negratín, explains: “The digitalisation of operational control on-site enables us to move towards a more efficient, secure and data-driven execution model. The collaboration with Telefónica is key to enabling robust connectivity and real-time management, which improves team coordination and strengthens our ability to manage complex projects.”

The system, supported by Telefónica’s connectivity infrastructure, enables continuous data updates and the management of 215 devices and assets on site, generating a volume of data that is integrated into project operations to facilitate decision-making.

In addition to the impact on efficiency, the implementation of these solutions helps to improve the traceability of operations and raise safety standards through more accurate monitoring of site presence and material flows.

This development forms part of Negratín’s strategy to integrate digitalisation as a key driver in the continuous improvement of its project delivery model, in line with its approach to applied innovation focused on operational efficiency, technical control and risk management in energy projects.

About Negratín

Negratín Global Services is a vertically integrated global energy group with over 25 years’ experience and an established presence in Europe, the Americas and Asia. The company offers comprehensive large-scale renewable generation solutions covering project development, EPC delivery and operation and maintenance (O&M), with the capacity to integrate storage and hybrid systems.

Negratín has strong in-house technical expertise and engineering teams, enabling it to develop, build and operate complex projects across different regulatory and market environments. In recent years, it has also driven the creation of its own project portfolio as a strategic lever to strengthen its EPC activity, expanding its contribution throughout the project lifecycle and offering its clients a comprehensive approach to structuring renewable energy projects, based on technical and financial solutions, with a clear focus on the market and collaboration with leading partners.

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