

Press Release

## Telefónica connects Santa Pola's street lighting using NB-IoT technology



- The company has become a technology partner of the joint venture comprising Ferrovial Energía and Iberdrola Clientes to digitise around 6,300 streetlights across the municipality.
- Smart street lighting enables real-time operation, maintenance and regulation of light intensity, whilst also improving operational efficiency and promoting a more sustainable model.

**Madrid, 23 June 2026-** Telefónica, through its digital business unit Telefónica Tech, is implementing its smart street lighting solution in Santa Pola to enable the joint venture formed by Ferrovial Energía and Iberdrola Clientes to remotely manage the LED street lights across the municipality on an individual basis and in line with actual needs.

Telefónica, in collaboration with the Spanish manufacturer Tellink, has deployed around 6,300 nodes with NB-IoT connectivity to facilitate real-time data access and transmission even from hard-to-reach areas to centralised platforms for monitoring and remote control.

Thanks to this technology, Ferrovial Energía and Iberdrola Clientes will be able to operate, maintain and regulate light levels in a major tourist town such as Santa Pola according to the specific circumstances at any given time. This makes it possible, for example, to reduce lighting in areas with little footfall or increase it during events with large crowds, thereby optimising energy consumption.

Telefónica's smart lighting solution has the capacity to improve operational efficiency and promote a more sustainable and environmentally friendly model for the town. On the one hand, it detects faults or breakdowns in advance, contributing to more efficient

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maintenance and a higher quality of service for residents; and, on the other, it reduces light pollution, energy consumption and the carbon footprint.

Loreto Serrano, Mayor of Santa Pola, explained that “one of our major challenges for this term of office is the renewal and digitalisation of all public lighting systems in our municipality. At Santa Pola Town Council, we are making a major investment to provide our residents with the most advanced technology and, at the same time, achieve a level of energy efficiency that will enable us to make substantial cost savings and reduce our carbon footprint”.

Dario Cesena, Director of IoT at Telefónica Tech, explains: “At Telefónica, where we face the undeniable challenge of becoming the best gateway to digital technologies, we are ready to connect all objects and help organisations (both public and private) make data-driven decisions. Our smart street lighting solution is yet another example of how the company is committed to offering more and better services to customers, as it involves providing connectivity to street lights to facilitate more efficient, personalised, agile and sustainable management.”

Dionisio Martínez, CEO of Tellink, comments: “Successfully tackling the large-scale roll-out of thousands of smart luminaire and control panel controllers in a local authority, and the rigorous management of their regular updates, requires a learning curve that can only be acquired through experience. At Tellink, we are well aware of this, having gained this expertise through the more than 100 smart lighting contracts we have successfully deployed to date. We are now putting all this expertise to work on this new and exciting roll-out in Santa Pola, helping to achieve the goal of positioning the municipality among the tourist destinations with the lowest carbon footprint and highest lighting quality in the Valencian Community.”

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## About Telefónica

Telefónica is one of the world’s leading telecommunications service providers. The Company is committed to tackling the undeniable challenge of providing citizens, businesses and public administrations with the best way to access digital technologies, helping to drive economic and social development in the countries where it operates. Telefónica offers fixed and mobile connectivity, as well as a wide range of digital services for both residential and business customers. With more than 297 million customers, Telefónica is focused on four key markets: Spain, Brazil, Germany, and the UK.

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