BrightSites
by ⓢignify

Plug the next-generation IoT into a data and light-driven city in Spain

The opportunity

The City of Cartagena aims to establish an innovative and adaptive solution for urban security, surveillance, and event monitoring. To achieve this objective, a public-private partnership was created and received funding from EIT Digital 2022, a program dedicated to reinforcing a digital Europe.

The solution

Signify BrightSites delivers the Connectivity Grid of the Future that provides wireless broadband connectivity via lighting infrastructure in the City of Cartagena, eliminating the need for fiber trenching. This will greatly enhance the City's smart city initiatives by facilitating a swift deployment of environmental sensors, and future video surveillance and 4G/5G applications. Additionally, this innovative solution will generate recurring revenue streams for the City through its infrastructure.

> " In collaboration with Signify and Libelium, we've developed a cutting-edge project that gathers real-time information on air quality and noise, all while preserving the natural beauty of the cityscape.
> Our innovative approach replaces unsightly antennas and cables with smart streetlights that seamlessly integrate into the urban landscape. By harnessing the power of technology, we can create a smarter, more sustainable city that truly serves the needs of its residents."
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> **Cristina Mora,** Delegate of the Sustainable City and European Projects, Council of Cartagena
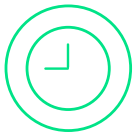
IoT Broadband Applications

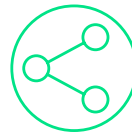Environmental Sensor

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Benefits of BrightSites Solution

Time to market in lighting speed

Ultra high bandwidth

Future proof infrastructure

Sustainable solution

To learn more, go to
www.signify.com/brightsites