



PRESS
RELEASE

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ENEL X PRESENTS PUBLIC STREET LIGHTS WITH INTEGRATED CAMERAS AND ARTIFICIAL INTELLIGENCE

- The comprehensive operation of this innovative, efficient, and high-impact lighting device, also designed to capture and process all kinds of images in real-time, can significantly help improve public safety standards in cities across the country as well as private spaces in sectors such as real estate, mining, sports facilities, healthcare centers, service stations, among others.

Santiago, July 25, 2024.- Enel X offered live demos to showcase the features of a sophisticated public street lighting system, equipped with integrated cameras, sensors, and a digital control panel that not only optimizes energy consumption by powerfully illuminating a broad area around the light post but also offers highly innovative security adaptations. The data captured can be used to improve surveillance, promote safer environments, and enable permanent and real-time monitoring of city spaces.

A live test demonstrated how the lighting system located on one of the streets in the Metropolitan Region captures high-resolution camera images for facial recognition, license plate identification, individual counting, crowd density, and other monitoring activities. This data is received in a control room and processed instantly, with all information stored in the cloud.

The new technology was featured at the Smart City Expo Santiago, highlighting a series of environmental sensors that measure noise conditions, weather, air quality, and dimming, all operating under extreme temperatures ranging from -25°C to 50°C.

Karla Zapata, CEO of Enel X, says that these advancements are the clearest example of technological progress to improve the quality of life for people and their communities. "When we explore new opportunities for collaborative development that lead to smarter, more sustainable, and safer cities, solutions like these AI-equipped lighting systems represent a qualitative leap we must utilize to create a positive impact on people's lives. We are proud to offer not only these versatile and functional devices but also a wide mix of solutions that demonstrate how technology, energy efficiency, and innovation can be used to build more connected, sustainable, and resilient cities."

Enel X, a Global Partner of Smart City Expo Santiago, an event held in the context of International City Week, exhibits a wide range of solutions in electromobility and electric vehicle charging stations at its stand. Additionally, it showcases advanced products and solutions in lighting, heat pumps, PV solar power systems, and energy efficiency designs implemented in public, private, and residential buildings.

It also presents the maintenance, operation, and support services associated with each Enel X contract, along with high-standard lighting projects that currently illuminate the National Stadium, the Club Hípico de Santiago, the Hipódromo Chile, and the soon-to-be-inaugurated new stadium of the Universidad Católica soccer team.

Smart City Expo Santiago is expected to welcome 6,000 visitors, with 100 exhibitors, over 50 talks, and more than 100 speakers. It will be an opportunity for exchanging knowledge, connecting leaders working towards smart cities, and collaboration. It is expected to be a window into the future and a point of encounter for planning more sustainable and developed cities.