

Press release

The Future of E-Mobility Will Arrive in 2019 with the Lima E-Bus Project

Through this project, information will be collected that will help to expand the electrification of public transport in the country.

- ❑ It is the first project to promote e-mobility in Peruvian public transport.
- ❑ The bus will go through the Javier Prado-Faucett route and will be operated by Protransporte.
- ❑ The bus will incorporate the Viricity system to transfer data in real time about its operation.

Enel X, as part of the international alliance with the Global Sustainable Electricity Partnership (GSEP) and Hydro-Québec – a Canadian public company for the generation, transmission and distribution of clean energy –, has entered into an agreement with the Peruvian ministries of Energy and Mines, Environment, Transport and Communications, and with Protransporte to integrate as of May 2019 an e-bus into the Javier Prado-Faucett route in Lima.

This pilot project – the first to promote electric mobility in Peruvian public transport – will collect information for two years to prepare a Replicability Report that the Peruvian Government will use to create an electric public transport system in the country. As a result, Peru will reduce its carbon footprint by 31% by 2030, thus fulfilling its commitment to the United Nations.

“We are sure that in the near future the Peruvian Government, private companies and other stakeholders will value the experience of this pilot and will promote the transition to clean technologies in the Peruvian public transport.”

José Manuel Revuelta

Country Manager of Enel Peru.

This e-vehicle will be operated by Protransporte and will incorporate the Viricity system to transfer data in real time about its operation, as well as a digital payment system, air conditioning and a capacity for 80 passengers. In addition, its autonomy will be 364 km with one single battery charge, which takes about 4 hours.

The benefits of this technology are manifold: not only will it avoid the emission of CO2 and pollutants, but, by dispensing with a combustion engine, it will also reduce noise pollution and maintenance costs (up to 25% less than conventional buses in its useful life) due mainly to the relatively low price of electric power compared to diesel.

“GSEP companies have agreed to promote electrification as a vital path for energy decarbonisation and the achievement of contributions determined at the national level. The electric bus project we are announcing today in Lima is designed to concretely illustrate how the electrification of transport can contribute to reducing air pollution and help countries to decarbonise and achieve their emission reduction goals.”

Martine Provost

Executive Director of GSEP.

Thanks to this project, Enel X is back at the forefront of innovation with sustainability to deliver environmentally friendly solutions for all.