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## E-BUS: ENEL X LAUNCHES ITS FIRST 'BUS AS A SERVICE' PROJECT IN ITALY IN COLLABORATION WITH AUTOGUIDOVIE

**Turin/Rome, September 28<sup>th</sup>, 2022** – Local public transport in Turin is becoming greener through an agreement between Enel X, Enel Group's business line dedicated to innovation, and the Autoguidovie group (through the company Cavourese), which will be teaming up to electrify part of the bus fleet serving Turin, Piedmont's largest city. Autoguidovie was awarded Lot 2 of the subcontracting tender that was put out by the Turin-based GTT (Gruppo Torinese Trasporti), and has chosen Enel X as its strategic partner for the first 'bus as a service' project to be implemented in Italy, with 14 electric buses and charging stations where the vehicles can be fully charged. The innovative 'bus as a service' solution was developed by Enel X with the aim to electrify urban public transport. It involves offering power according to the number of kilometers travelled: clients purchase the electric kilometers they need to cover the bus routes, thus ensuring an efficient and sustainable service. This model also entails vehicle supply and maintenance, charging stations, an electrical infrastructure (in transformer cabins and at the depot), software for monitoring charging operations remotely to avoid energy consumption peaks, as well as financing the entire investment.

*"Electrifying local public transport does not just involve replacing a thermal vehicle with an electric one, but it is actually an opportunity to rethink mobility in our cities by adopting a smarter, more sustainable approach,"* said **Francesco Venturini**, Head of Enel X. *"This agreement represents an important for Enel X as it brings the "bus as a service" to Italy, a solution that offers partners and administrations a comprehensive range of innovative services, allowing them to electrify the local public transport fleet. We will be starting with Turin, which is one of Italy's biggest and most modern cities. With our help, the city will be able to offer citizens a new service, with high-performance electric buses that are also efficient and environmentally friendly."*

*"Cavourese is a long-standing Piedmont-based company that has made a name for itself through its commitment to innovation and sustainability,"* said **Giovanni Tresoldi**, CEO of Cavourese. *"On the one hand, having been awarded this major contract proves that we have come up with a good project, and on the other hand there is an urgent need to focus on zero-impact public transport, which is a true driving force for the local economy. We are confident that our service will have an immediate positive impact not only on the environment, but also on the economy and employment, providing the technical expertise that will be needed in the industry in the near future."*

Enel X Way, a company owned by Enel and specializing in electric mobility, will take care of installing and operating nine charging stations spread out over two depots, which will be fitted with double sockets for charging the e-buses that will be used by Cavourese on eight city routes, covering a total of 832,000 kilometers per year. By committing to using electric buses, the Piedmont-based company will be able to drastically reduce CO<sub>2</sub> emissions: in fact, the new e-buses will avoid the annual emission into the atmosphere of 5,000 tons of CO<sub>2</sub>, which is equivalent to the absorption capacity of 27,000 trees – the equivalent of 30 football fields.



**Enel X Global Retail** is the Enel Group's global business line active in the areas of energy supply and efficiency. As a global leader in the development of innovative solutions to support the energy transition, Enel X Global Retail provides consumers, businesses and cities with a modular and integrated offer built around customer needs, promoting electrification and digitalization as drivers for creating new value. Enel X Global Retail manages demand response services, with 7.9 GW in total capacity, has installed more than 2.8 million lights for public lighting around the world, and offers energy services to 63 million residential customers every day as a Commodity. Enel X Global Retail's ecosystem of solutions includes assets for the optimization and self-production of energy, premium solutions for energy efficiency, and competitive and flexible energy offers, with the end goal of helping customers develop their own energy roadmaps.

**Enel X Way** is the Enel Group's new company dedicated to electric mobility. Currently, Enel X Way operates in 16 countries and manages over 380,000 charging points, both directly and through roaming agreements in place around the world. As a global platform for e-Mobility, the company is focused on developing flexible charging technologies and solutions to improve the customer experience and to enable the electrification of transport for consumers, businesses, cities and public administrations.

**Autoguidovie** is one of Italy's leading local public transport companies, which operates either directly or through subsidiaries, independently managed, partially owned or ATI [Temporary Business Association] companies – in the provinces of Milan, Monza and Brianza, Novara, Cremona, Bergamo, Bologna, Florence, Belluno, Turin, Genoa, and Pavia. It directly manages urban services in the municipalities of San Donato Milanese, Melzo, Paderno Dugnano, Crema, and Pavia. Autoguidovie runs a perimeter of 46 million bus kilometres, with 1,539 employees and a consolidated revenue of €161 million. For further information go to: [www.autoguidovie.it](http://www.autoguidovie.it)

**Cavourese** is a leading company based in Piedmont offering local public transport, bus rental, and tourist services (sea lines, eco city tours, and ski transfers), along with school bus services. Cavourese directly operates public transport services connecting the areas of Pinerolo, Chieri, and Val Sangone with the city centre of Turin. It has a fleet of 185 buses, covering 6 million kilometres each year; it employs about 190 people and has a consolidated revenue of €15 million. In 2022, the company joined the Autoguidovie group.

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