
Electric mobility, the Hub of the future opens in Padua: Atlante and Dolomiti Energia inaugurate a solar-powered charging station with integrated energy storage active on energy markets

Milan, 27 May 2026 – Atlante, a leading player in fast and ultra-fast charging for electric vehicles, inaugurates Italy's first **"Atlante Green Charging Hub."** More than a charging station for citizens, it is a technological ecosystem integrating photovoltaic generation, battery storage, intelligent energy management and – in collaboration with **Dolomiti Energia** – access to energy and balancing markets.

Located at the northern final stop of Padua's tram line, the hub operates as a true energy node, capable of producing, storing and intelligently distributing renewable energy, interacting with the national grid and providing fast and ultra-fast charging services to the city's e-drivers. This synergy lies at the heart of the partnership with Dolomiti Energia, which supports Atlante's access to energy markets through its expertise in energy trading and its strong focus on renewables.

Designed as a model for the charging stations of the future, the Atlante Green Charging Hub features **44 fast and ultra-fast charging points** (from 44kW to 150kW), a **battery energy storage system (BESS)** with a capacity of **558kWh / 250kW**, and a **250 kWp photovoltaic canopy** generating sustainable energy directly on site.

Atlante's strategy is based on the principle of distributed generation. In urban environments, where space is limited and installing large-scale storage systems is challenging, compact batteries managed through intelligent control systems become essential. This optimization provides the flexibility and balancing capacity required to support the growing penetration of renewables and the increasing demand generated by electric mobility in cities.

All components are coordinated by an energy management system that dynamically balances solar production, storage and grid withdrawal to ensure efficiency, sustainability and flexibility. Thanks to this infrastructure, the station can charge vehicles with solar energy when available, reduce reliance on the grid during peak hours, supply clean electricity at night or during adverse weather conditions, and generate energy cost savings that translate into more competitive charging prices for e-drivers.

Thanks to the collaboration with Dolomiti Energia, the battery installed at the Atlante Green Charging Hub becomes a key asset for Italian energy markets. Integrated into Dolomiti Energia's trading portfolio, the storage system will be used to test innovative flexibility and arbitrage strategies on both national energy and balancing markets (managed by Terna) and local markets (managed by distribution system operators). The initiative represents one of the first real applications in Italy of behind-the-meter energy trading using storage within a charging station. The project aims to explore new economic, technical and operational models for distributed storage, demonstrating how next-generation charging infrastructure can contribute to grid stability, facilitate renewable integration and create new revenue opportunities for charging point operators.

By combining fast charging services, solar generation, energy storage and market participation within a single integrated hub, the Atlante Green Charging Hub in Padua sets a new benchmark in Italy. It shows how future charging stations can evolve into multi-service platforms benefiting not only drivers, but the entire energy ecosystem. Atlante plans to replicate this model, progressively developing a widespread network of charging sites that combine sustainability, technological innovation and grid-support functionalities.

*"For Atlante, innovation and sustainability go hand in hand," said **Stefano Terranova, CEO of Atlante.** "The Atlante Green Charging Hub in Padua embodies our vision of electric mobility: a station that produces, stores and even enhances the value of renewable energy, actively contributing to the resilience of the power system – while offering convenient and competitive charging for electric vehicle drivers. Our collaboration with Dolomiti Energia represents an important step towards the future of integrated mobility and energy storage solutions in Southern Europe."*

*"We want to be a strategic and reliable partner," said **Maurizio Lancerin, Director of Energy Management at Dolomiti Energia**, "for those who choose us to address the challenges of the energy transition. We make our expertise and service portfolio available to enable the energy transition for our partners and clients, helping to strengthen the country by promoting competitiveness and energy security, and supporting our partners at every stage of their transformation journey."*

Atlante

At Atlante we develop EV charging stations to enable the transition towards zero-emission: empowering people to move freely in harmony with the planet. We are building Southern Europe's largest fast and ultra-fast charging network, powered 100% by renewables. Since our launch in Italy in 2021, we serve EV-drivers at our 1,100+ stations across Italy, France, Spain, and Portugal.

We believe in progress, leveraging on cutting edge technology to accelerate the electric mobility revolution – especially with energy storage to enhance power from the grid. We are proud of our digital platforms that ensure ease of use and full connectivity. We are Atlanters: a group of passionate and dedicated people always thriving to deliver a reliable service and enjoyable experience to our customers.

As a fully owned company of TCC Group Holdings (Taiwan's first public-listed company), we strongly believe in partnerships to pursue our mission. We are trusted by partners who own or manage key infrastructures like airports, highways, service stations, shopping centers and supermarkets.

Under the program the Alternative Fuel Infrastructure Facility (Connecting Europe Facility- CEF Program), the EU awarded us close to €90m of grants under four projects to accelerate electrification on Europe's major traffic arteries and we gathered financing support from France's Groupe Caisse de Dépôts and Italy's Cassa Depositi e Prestiti.

We are Atlanters and you can count on us.

Join our mission at: www.atlante.energy

Atlante is a proud member of the ChargeLeague, visit the website: www.chargeleague.com

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Dolomiti Energia

Dolomiti Energia is the group that transforms renewable energy into independence: for Italy, for people, for the future. With nearly 1,700 professionals, an average annual generation of around 3.8 TWh from water, wind, and solar power, and 1.6 GW of installed capacity exclusively from renewable sources, the company delivers energy wherever it is needed: to homes, businesses, communities, and public administrations across the country.

Every day, Dolomiti Energia invests in new renewable energy plants and stronger networks, ensuring that the energy transition is not just a slogan, but a tangible reality.

Ambition, synergy, relationships, and integrity: these are the foundations on which Dolomiti Energia works, collaborates, and creates value for local communities.

The goal is clear: to build a green community of people equipped with the tools to make sustainable choices with simplicity and awareness. Because for Dolomiti Energia, independence means not waiting for the future, but building it together.

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