

Press Release

The IVECO BUS - Mobility consortium selected by Grand Reims for its electric bus rapid transit project

The IVECO BUS – Mobility consortium has been selected by the urban community of Grand Reims (Champagne region – France) for the study, sizing, supply, and commissioning of its electric transport system, as part of its zero-emission bus rapid transit project.

IVECO BUS will deliver 20 electric articulated GX 437 ELEC LINIUM BRT buses with an option for 9 additional vehicles. The vehicles will notably be put into operation on the “les Sacres” Lane in the autumn of 2025, as part of the Grand Reims Mobilités network involving the creation of two bus rapid transit lines.

Mobility will be responsible for the supply and deployment of the charging infrastructure at the Huet depot as well as the supply of the smart charging Cway software.

Vénissieux, September 23rd, 2024

As part of its project to offer a high-level and sustainable service, Grand Reims has chosen the BRT GX 437 ELEC LINIUM model. 20 articulated electric high-level service buses supplied by the manufacturer will be in operation on two bus rapid transit lines as of autumn 2025:

- Line 1 connecting the future NEOMA Business School / ESAD campus in the emerging Port Colbert district and the University of Reims Champagne Ardenne - Moulin de la Housse, passing through the Reims central station and the “les Sacres” lane, a major axis in the city center undergoing complete redevelopment.
- Line 2 connecting the Reims central station and the town of Cormontreuil, passing through the Châtillons district, which is being redeveloped as part of urban renewal.

“We are delighted with the choice of Grand Reims, which clearly positions IVECO BUS as the reference partner, both for the relevance of our offer in terms of high-service buses, and for our expertise in electromobility. We are convinced that passengers and residents will appreciate the comfort of these vehicles, offering a more respectful and quieter environment.”, said Giorgio Zino, Head of IVECO BUS Europe Commercial Operations.

The twenty spacious and comfortable 18-metre electric BRT buses have a large passenger capacity and can accommodate up to 142 people. The modern interior, with large glass surfaces and translucent knuckle bellows, leaves plenty of room for natural light. Coloured LED ambient lighting allows for a variation of the interior ambience. Information screens and USB ports will be available for passenger use. The vehicles will have a camera rearview system replacing the traditional exterior mirrors.

The range is ensured by high-energy capacity batteries. Thermal comfort is provided by a heat pump with reduced energy consumption, operating on CO2 with no greenhouse gas emissions.

By choosing the GX 437 ELEC LINIUM, Grand Reims is taking a step forward in enriching its transport offer with a clean and sustainable mobility solution.

The arrival of these electric vehicles also calls for an adaptation of the depot and the working methods of the operator of the Reims bus network.

The installation of a suitable charging infrastructure is required and will be deployed by Mobility. This installation will include 32 charging points, matching the Huet depot’s long-term capacity to accommodate electric vehicles. The challenge is to create a charging infrastructure that is easy to use for the operator and capable of supporting network changes over time.

During the works, the Mobility teams will operate in close collaboration with the Grand Reims services, their consulting design offices, and the network operator to guarantee safety on the site and the continuity of the transport service.

In addition to the charging infrastructure, Mobility will also deploy the Cway monitoring and smart charging software, which will enable the network operator to control the equipment and optimise vehicle charging. The daily charging of several dozen electric vehicles requires careful planning to smooth out consumption peaks while ensuring each vehicle is adequately charged. The charging

schedule is calculated based on service timetables, vehicle characteristics, weather conditions and electricity tariffs.

The charging infrastructure and the Cway control software deployed by Mobility will enable the operator to manage the load effectively, ensuring the network functions properly and achieves energy savings. This will allow the network to fully exploit its new GX 437 ELEC LINIUM electric vehicles.

IVECO BUS

IVECO BUS is a brand of Iveco Group N.V. (EXM: IVG), a global leader in commercial and specialty vehicles, powertrain, and financial services, listed on the Borsa Italiana in Milan.

With a worldwide presence and a leading position in Europe in sustainable public transport, IVECO BUS supports public and private operators in all their missions, with an offer of global mobility solutions available in different energies, such as electric or powered by compressed natural gas compatible with biomethane.

The overall offer includes:

- school, intercity and tourism coaches;*
- standard and articulated city buses, including BRT dedicated versions; city midibuses*
- minibuses for all passenger transport missions.*
- connectivity and fleet management services available through IVECO ON*
- a portfolio of products and services with Energy Mobility Solutions, from simulations and design to the supply of charging stations, and installation and maintenance of the charging infrastructure*

The extensive IVECO BUS and IVECO service network guarantees assistance around the world wherever an Iveco Bus vehicle is at work.

IVECO BUS employs over 5,000 people across five production units, in Annonay and Rorthais, France, Vysoké Myto, Czech Republic, Brescia and Foggia, Italy.

For further information about IVECO BUS: www.ivecobus.com

For further information about Iveco Group: www.ivecogroup.com

Mobility

A subsidiary of Vinci Energies, Mobility is responsible for the study, management, implementation, and commissioning of projects for transport infrastructure:

- Traction energy (substation, technicentre, etc.)*
- Charging systems for technical fleets*
- Solutions de supervision / Hypervision*
- Railway signalling (train, tram, metro, ports, etc.)*
- Electromechanical systems roads and tunnels*
- Road traffic management*

For more information about Mobility, visit: www.mobility-way.com

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