

Alstom's factory in Trápaga expands its photovoltaic facility

- The solar panels will generate 15% of the site's annual electricity consumption
- The factory will reduce CO2 emissions by up to 22 tonnes per year thanks to the energy generated for self-consumption and energy saving measures
- This expansion follows Alstom's roadmap for sustainability and carbon footprint

28 February 2023 - Alstom, global leader in smart and sustainable mobility, has expanded the photovoltaic installation at its Trápaga plant in the Basque Country, by commissioning 30 new solar panels to the 91 already installed in 2021. The total energy generated, which will amount to 50,000 kWh per year, will produce 15% of the total energy consumed by the site.

The installation will develop enough energy to power elements such as lighting, office IT equipment and the power outlets of the production line. It also reduces energy consumption at peak times, when more power is required. The site also has a 100% renewable electricity supply contract for all its operations.

"With this new equipment, the site establishes a new milestone in achieving Alstom's objectives in terms of sustainability and reducing the carbon footprint of its operations. As a company, we are committed to reducing the carbon footprint of all our operations. Not only do we develop sustainable mobility solutions to move towards a decarbonised society, but we do so with a socially and environmentally responsible business model," highlights **Diego García**, site Managing Director of the Trápaga industrial site.

Target: net zero carbon

Alstom Group is committed to the scientific targets for reducing CO2 emissions within the framework of the United Nations agreements. Among others, Alstom has set the following environmental targets for 2025:

- 25% reduction in CO2 emissions (compared to 2014) in solutions developed by the Group worldwide.
- Eco-design criteria will drive 100% of new solutions to reduce impact throughout the entire life cycle: manufacturing, operation and end-of-life.
- Renewable energy sources will supply 100% of the electricity at Alstom's sites.
- Use a minimum of 25% recycled content in newly developed rolling stock.

In addition, Alstom is committed to achieve net zero carbon in the value chain by 2050, with the following emissions targets for 2030 based on scientific data:

- 40% reduction in direct and indirect CO2 emissions at Alstom sites, compared to FY2021/22.
- 35% reduction in indirect emissions from use of sold products in gCO2/pass.km and gCO2/ton.km, compared to FY2021/22.

Along with using renewable energies, the Basque plant is developing energy efficiency measures to ensure the proper management of resources. Thus, energy consumption is constantly monitored to make adjustments and reduce total consumption. Numerous investments are being made in the facilities to reduce overall energy consumption (in lighting systems, air conditioning, home automation, thermal insulation, etc.).

Alongside 200 employees, Alstom's Bizkaia factory designs, manage, and supplies electric propulsion and traction systems for all types of railway applications in all power ranges: traction systems for vehicles for intercity lines (locomotives, high-speed, regional and commuter trains) and urban transport (metros, monorails, trams).

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About Alstom

Leading societies to a low carbon future, Alstom develops and markets mobility solutions that provide sustainable foundations for the future of transportation. From high-speed trains, metros, monorails, trams, to turnkey systems, services, infrastructure, signalling and digital mobility, Alstom offers its diverse customers the broadest portfolio in the industry. 150,000 vehicles in commercial service worldwide attest to the company's proven expertise in project management, innovation, design and technology. In 2022, the company was included in the Dow Jones Sustainability Indices, World and Europe, for the 12th consecutive time. Headquartered in France and present in 70 countries, Alstom employs more than 74,000 people. The Group posted revenues of €15.5 billion for the fiscal year ending on 31 March 2022.

With more than 3,000 employees, Alstom in Spain has a long industrial and technological history, including 4 industrial centres, 4 technology sites and a presence in more than twenty maintenance workshops. Among others, Alstom has an industrial plant in Barcelona dedicated to the manufacture of all types of rolling stock, a propulsion system factory in Bizkaia, and in Madrid, different technological innovation centres for the development of programmes and projects in the fields of railway safety, signalling, maintenance and digital mobility.

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