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A contract worth over €300 million

Alstom to build HVDC VSC converter stations for the France-Italy transmission link

Alstom has been awarded a contract worth over €300 million by TERNA Rete Italia, a company fully owned by TERNA, the Italian electricity transmission system operator, and Réseau de Transport d'Électricité (RTE), its French counterpart, to build two [High Voltage Direct Current \(HVDC\)](#) converter stations for the transmission link between France and Italy.

Alstom will design, manufacture and commission two converter stations (2x600 MW, +/- 320 kV) containing Alstom's [VSC MaxSine™](#) Voltage Source Converter technology. Alternating Current (AC) will be converted from each country's electrical network into Direct Current (DC) for transmission and vice versa. Key equipment will be manufactured in Alstom's facilities in the UK, Germany, France and Italy and the contract also includes maintenance for the converter station in France.

"Alstom is pleased to be working with TERNA and RTE on this project. Alstom's VSC technology is both compact and versatile. As such, it will optimise the existing infrastructure, and preserve the Alps fragile eco system", said Patrick Plas, Senior Vice President, Power Electronics and Automation, Alstom Grid.

Alstom has over 50 years of HVDC expertise and has delivered more than 40 HVDC projects worldwide. This is Alstom's third VSC project in the last three years, following on from Sweden's [South West Link](#), a multi-terminal HVDC grid connecting central and southern networks in the country and the [Dolwin3](#) project, connecting 900 MW offshore wind energy from the North sea to the German grid. Alstom is also in the process of executing large scale HVDC projects such as India's [Champa 1 & 2](#) (800 kV) and Brazil's 600 kV [Rio Madeira](#), which at almost 2400km, is the world's longest transmission line.

For more information, pictures and videos, access the [Alstom press corner](#)

About Alstom

Alstom is a global leader in the world of power generation, power transmission and rail infrastructure and sets the benchmark for innovative and environmentally friendly technologies. Alstom builds the fastest train and the highest capacity automated metro in the world, provides turnkey integrated power plant solutions and associated services for a wide variety of energy sources, including hydro, nuclear, gas, coal and wind, and it offers a wide range of solutions for power transmission, with a focus on smart grids. The Group employs 88,000 people in around 100 countries.

Alstom Grid has one clear vision: to develop innovative solutions for a flexible, reliable, affordable and sustainable electrical grid, everywhere. We design, manufacture, install and service the power transmission and distribution products and systems that empower the planet's low carbon economy... for now and for the future.

Alstom Grid has over 130 years' experience and ranks among the top three in the electrical transmission sector with an annual sales turnover of €3.8 billion. Alstom Grid's 17,000 employees are spread across 87 manufacturing and engineering sites worldwide and have one common mission: be our customers' trusted partner, from the source to the city.

Energising a smarter world... with Alstom.

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