

## **Alstom to provide new state-of-the-art train-charging infrastructure for Irish Rail (IE) in Drogheda, Ireland**

- **Alstom has been awarded a contract to provide a charging facility for new Battery Electric Multiple Unit (BEMU) trains**
- **The project will be the first of its kind in both Ireland and the United Kingdom**
- **First modern battery train fleet in Ireland will operate between Drogheda, Dublin City Centre and beyond**

**11 August 2023** – Alstom, global leader in smart and sustainable mobility, today announced that it has been awarded a contract to provide a charging facility for Irish Rail’s new Battery Electric Multiple Unit (BEMU) trains that will operate between Drogheda, Dublin City Centre and beyond.

The fast-charging infrastructure on two platforms and one siding at Drogheda will be installed by end of 2024 to enable new battery-electric DART+ trains that will enter service in 2025, to operate to and from Drogheda in advance of planned electrification of the line, and to be recharged during service turnaround at Drogheda.

“Alstom is pleased to partner with Irish Rail in delivering the new state-of-the-art BEMU’s charging facility. Projects such as this will deliver social and economic benefits to Irish Rail passengers and Alstom is proud to be playing a part in the first project of its kind in Ireland and the UK.” said Piers Wood, Managing Director of Alstom in Ireland.

“This investment will allow us to accelerate the benefits of DART+ to customers on the Drogheda commuter route, with a brand-new fleet and extra capacity to be provided in just two years’ time.” said Jim Made, CEO of Irish Rail (IE).

The infrastructure will include a medium voltage connection to ESB (the electricity network operator) and a traction substation converting electricity to the voltage suitable for charging the trains. The substation will be equipped with an energy storage element which enables integration with the ESB network and enhances availability of the charging system. The substation will provide a controlled current to trains stabled on the platforms in Drogheda Station, for re-charging their on-board batteries through an overhead rigid catenary system and the pantographs.

Alstom has won a ten-year framework agreement with Irish Rail for up to 750 new X’tropolis commuter rail cars for Ireland’s DART network, with firm orders for 37 five-car X’tropolis trains including a 15-year support services contract. 31 of the ordered trains are battery-electric multiple units (BEMUs) while six are electric multiple units. The new trains will deliver more capacity and decarbonisation benefits to the local community of Greater Dublin.

DART+ is the transformative programme that will ensure train travel is at the heart of Ireland’s sustainable transport network. Funded under the National Development Plan by the National

Transport Authority, DART+ is an investment that will double the capacity and treble the electrification of the Greater Dublin Area network, facilitating sustainable mobility and development to enhance quality of life in the capital and its surrounding counties.

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**About  
Alstom**

Alstom commits to contribute to a low carbon future by developing and promoting innovative and sustainable transportation solutions that people enjoy riding. 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. With its presence in 63 countries and a talent base of over 80,000 people from 175 nationalities, the company focuses its design, innovation, and project management skills to where mobility solutions are needed most. Listed in France, Alstom generated revenues of €16.5 billion for the fiscal year ending on 31 March 2023.

For more information, please visit [www.alstom.com](http://www.alstom.com).

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