

Alstom awarded trophy of innovation for energy and the environment in public transport

14 June 2016 – Alstom has been awarded the trophy of innovation for public transport in the energy and environment category for its latest catenary-free energy supply technology, SRS, at the European Mobility Exhibition, which is being held in Paris from 14-16 June 2016.

SRS, developed by Alstom experts based in Vitrolles (Provence-Alpes-Côte d'Azur) and Saint-Ouen (Ile-de-France) will be put into service on future lines 2 & 3 of the Nice tramway in time for 2018. The solution supplies power to the tram's on-board energy storage system (supercapacitors) during stops in passenger stations in under 20 seconds, automatically and in total security. The recharging takes place via contact blocks fitted under the tram, which are in contact with a ground-based conductive rail.

SRS can also be used as a convenient, rapid and powerful recharging solution for road vehicles (electrical buses or electrical trucks for urban distribution, equipped with an on-board energy storage system). In these cases, the power is provided via ground-based recharging slots at passenger stops or at the terminus.

SRS is based on the operational and safety standards of APS, the tried and tested solution notably adopted by the tramways of Bordeaux, Reims, Dubai and Rio. This non-proprietary solution is compatible with all types of tramways or buses.

« Alstom is proud to be awarded this trophy, which is a major acknowledgement of the creativity and unique know-how of our experts. With SRS, we confirm our competitive edge in the domain of catenary-free trams. We also accompany the transition towards electrical mobility by making our solutions compatible with road applications for increasingly environmentally-friendly transport », declared Cristina Anderiz, Vice-President Infrastructure at Alstom.

About Alstom

As a promoter of sustainable mobility, Alstom develops and markets systems, equipment and services for the railway sector. Alstom manages the widest range of solutions in the market – from high-speed trains to metros and tramways – customised services (maintenance, modernisation,...) and infrastructure and signalling solutions. Alstom is a world leader in integrated railway systems. It recorded sales of €6.9 billion and booked €10.6 billion of orders in the 2015/16 fiscal year. Headquartered in France, Alstom is present in over 60 countries and employs 31,000 people today. Present on 12 sites in France, Alstom is the leading French railway company and contributes to the

vitality of local economies. Its employees in France total approximately 8,800, providing a pool of expertise to serve French and international clients. A job at Alstom creates about three amongst its suppliers.

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