

Genoa, 2 February 2010

## **Ansaldo STS wins the contract to manage the Copenhagen Metro**

- **The partnership between Ansaldo STS and Metroselskabet that began in 1996 continues**

Ansaldo STS (STS.MI) has won the contract to operate and maintain Copenhagen's driverless metro system.

The 5 year contract is worth approximately EUR 180 million, with an option to extend the contract for a further 3 years.

Ansaldo STS thereby continues its partnership with Metroselskabet, the company that owns the Copenhagen Metro, which it first worked with in 1996 when Ansaldo STS won the tender to provide engineering, systems integration, rail electrification equipment and vehicles for the driverless metro system of the Danish capital.

Copenhagen's driverless metro system became operational in October 2002, and Ansaldo STS has managed the system ever since. This partnership has certainly been a successful one: the metro system won the awards for "Best metro in the world" and "Best metro in Europe" in 2008, as well as being named "Best driverless metro" in 2009.

In 2009, a total of 50 million passengers used the Copenhagen Metro, and the 12,000 services each day achieved a punctuality rate of 98.6%. The service operates 24 hours a day throughout the year. These high quality performances has also been reached thanks to the fact that, during the last three years, the practice and maintenance activities have been done with the involvement of Metro Service, a company shared by ATM Milan.

Ansaldo STS' driverless rail system has now fully proved its worth on the world stage, through the construction of the Copenhagen Metro, and work on the Brescia metro, Line C of the Rome metro, the Thessaloniki metro, Line 5 of the Milan metro, the Taipei Circular Line and the transport system on the campus of the Riyadh Women's University.

**PRESS RELEASE**



**Note for editors**

Work on the Copenhagen Metro started in 1996, and the metro system was first opened to the public in 2002.

The Copenhagen Metro line consists of 21 km of double track (10 km underground and 11 km of elevated track) and passes through 22 stations connecting the various parts of the city centre, the area of Ørestad and the airport. Its 34 unattended trains travel at a maximum speed of 80 km/h, ensuring that passengers have less than two minutes to wait, and guarantee a 24-hour service.

The stations, underpasses and vehicles are connected to the control centre through a video surveillance and communication system. This system provides voice communication and data to the operator at the control centre, as well as informing passengers about arrival times at each station, the location of the train, safety information and emergency services.

The operator at the CMC (Control and Maintenance Centre) is able to communicate with passengers on board the train, the police, maintenance personnel and the fire service, and can see real-time footage from on board each train and from every station.

The communication system covers the entire metro line, and is the first to use TETRA (Terrestrial Trunked Radio). The system has been designed to use "leaky feeder" aerial technology in the metro's underground network and aerial antennas in the external sections.

This degree of innovation and security make the Copenhagen Metro one of the most modern and technologically advanced metro systems in the world.

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