

**GETTING TO THE HEART OF ATM'S GREEN TURNING POINT:  
250 ELECTRIC BUSES AND 80 NEW TRAMS TO BE SUPPLIED  
Two contracts awarded for a total value of 365 million euros**

*Milan, July 2019* – The commitment of Atm to an increasingly sustainable urban transport gets to the heart with the awarding of two important contracts that will contribute to further renew the fleet within an increasingly green framework.

Two maxi-contracts have been awarded: 250 electric buses to SolarisBus and 80 trams to Stadler, for an overall investment of 365 million euros. In the next months the first purchase order will be implemented bringing to Milan 70 new electric vehicles – 40 buses and 30 trams of latest-generation – for an initial overall investment of more than 103 million euros.

The aim is to make the fleet 100% electric by 2030, as envisaged in the company's Full Electric Investment Plan.

As of today, already 70% of the distances covered by all Atm's public transport means is powered by electricity; the "total green" fleet is composed of 25 electric buses, 100 hybrid buses and 3 hydrogen buses, obviously in addition to the metro trains, trams and trolleybuses. In the next days, the first of 30 new trolleybuses will enter service.

In the last months, thanks to Atm's investments, already 125 diesel buses have been pensioned off and replaced with electric and hybrid buses.

Atm's Full Electric Plan is not just an economic effort, but the company's undertaking to promote Milan's change and evolution into an increasingly sustainable and smart city.

**NEW ELECTRIC BUSES** – The public tender for 250 new electric buses went to Solaris Bus & Coach S.A, the Polish group that had already supplied the first 25 buses, for an overall value of 192.4 million euros.

The purchase order provides for 40 vehicles within a framework agreement of two years, with an option for further two.

The value of the first purchase order is equal to over 28 million euros. The first bus will be delivered within 11 months, the following 40 buses will follow at a rate of 8 new buses per month.

The 12-metre electric buses are equipped with air-conditioning system, video surveillance, Led lighting, Usb plug sockets for passengers and disabled area without any lifting device thanks to the fully low floor. The new vehicles are powered by NMC batteries with a total capacity of 240 kWh that guarantee a range of approx. 180 km without any kind of polluting emissions (zero particles, zero nitrogen oxides, zero carbon monoxide, zero unburned hydrocarbons). The battery charging takes place in the depot, at a charging station of 100 kW. Opportunity charging through pantograph will also be available at terminuses with a power of 200 kW.

**NEW TRAMS** - The public tender for 80 new trams went to Stadler for an overall value of 172.6 million euros. The first purchase order for 30 trams, of which 20 for urban service and 10 for suburban service, has an overall value of 75.5 million euros. The first tram will be delivered within one year and a half, the following trams will follow at a rate of 1 or 2 trams per month.

The framework agreement, whose duration is 6 years, envisages the supply of 50 trams for urban service and 30 trams for suburban service that will gradually replace the older trams, increasing the transport offer and improving travel comfort with technologically advanced, more silent and much more efficient vehicles from the point of view of environmental impact.

The new trams are bidirectional - which will reduce the terminus impact on urban environment and road structure - with a length not exceeding 26 metres, low-floor in the central part to make boarding and alighting

easier, regenerative braking and video surveillance systems. In addition to this, they are equipped with active and passive safety features such as impact resistance and anti-collision system.

Atm Press Office