

Madrid, December 30, 2022

*With the retirement of the last diesel, EMT achieves a historic milestone on its 75th anniversary*

**Madrid becomes the first major European city with a 100% clean bus fleet**

- **Madrid fulfills the promise of the Mayor, José Luis Martínez-Almeida, to remove the fleet of polluting buses from the streets of the capital by 2023.**
- **This government team has acquired 1,291 new buses to renew 60% of the fleet.**
- **It thus complies with the Clean Vehicles Directive, which includes fuels such as electricity, hydrogen or Natural Gas.**
- **The current CNG fleet, the electrification process and the arrival of the first models powered by green hydrogen are safe alternatives for the future of mobility in the city and the reduction of polluting emissions.**
- **100% electric vehicles to reach 25% of the municipal bus fleet by 2025**
- **The constant incorporation of new rolling stock has reduced the average age of Madrid's fleet from 6.57 years in 2019 to 4.84 years today**

The last diesel bus running in the city has today switched off its engine for good in the capital after making its last journey from Avenida de América to its lock-up at the Fuencarral Operations Centre. Madrid thus fulfils the promise made by the Mayor of Madrid, Jose Luis Martínez-Almeida, in 2020 that before 2023 no municipal bus powered by this fuel would run on the city's streets with the aim of reducing polluting emissions and improving air quality. The city is the first major European capital - in terms of the number of inhabitants and buses in service - to operate with a 100% clean municipal bus fleet.

This government team has acquired 1,291 new, clean buses to renew 60% of the fleet. The efforts of the Madrid City Council, together with the firm management carried out by the Empresa Municipal de Transportes de Madrid (EMT), have made possible the constant incorporation of new bus models that the European Union includes under the clean criteria according to the Clean Vehicles Directive (EU Directive 2019/11610). Thanks to this commitment, the last twelve EMT diesel buses have definitively ceased to circulate this month, placing Madrid at the forefront of Spain in complying with the stipulations of European regulations on fuels applied to urban transport. This milestone also coincides with the 75th anniversary of the EMT.

With the retirement of the last diesel bus, in 2023 EMT's current 100% clean fleet will consist of 1,915 CNG buses and 180 electric buses. Next year, EMT will also incorporate the first 10 hydrogen buses and another 150 new electric buses.

Up to today, as many as 5,009 diesel buses have been on the streets of the city, according to the municipal company's records from 1974 until the last diesel generation was integrated into the Madrid fleet in 2012. Many other diesel vehicles were already running in the late 1940s in the streets and neighbourhoods of the capital, but today they are all history. They have given way to more technologically sustainable and modern vehicles.

## **Madrid, a benchmark in innovation and sustainability**

A modern fleet, 100% clean and equipped with the latest technological innovations offered by the current market. This is one of the key objectives of the Madrid City Council's Madrid 360 Environmental Sustainability Strategy and one of the axes of the EMT Strategic Plan until 2025 to adapt to the requirements established by the European directive and the new needs imposed by a large city like Madrid.

The search for increasingly environmentally sustainable solutions for Madrid has been EMT's firm commitment and has been backed by the current government team of the City Council, resulting in a progressive electrification, which will reach 25% of the municipal fleet by 2025. To this end, EMT's Operations Centre in La Elipa - with capacity for 318 buses - is preparing to become a reference centre for 100% electric fleet management, a centre equipped with a photovoltaic installation designed for supply.

In addition to emphasising electric energy, EMT's Strategic Plan until 2025, presented at the beginning of the year, also envisages the incorporation of green hydrogen in the fleet. The arrival of 10 fuel cell buses powered by this clean energy source is planned for 2023.

Investment in new cleaner municipal buses, or "zero emission" models, will reach 534 million from 2021 to 2025, as stated in the EMT Strategic Plan, a document fully in line with the commitment to sustainability reflected in the Madrid 360 Strategy. This amount is in addition to the 77.34 million already invested for the acquisition of more sustainable vehicles in 2020.

## **Evolution of the Madrid municipal fleet**

Until 1994, the entire EMT fleet was made up of diesel buses: 1,862 diesel vehicles made up the entire fleet in Madrid. In that year, the first CNG-powered models began to be purchased, which for decades have been a safe solution from an environmental point of view, compared to the use of diesel, and from an operational point of view due to the performance they offer in a city with long journeys and high passenger demand such as Madrid. At present, they make up the bulk of the Madrid fleet, which is already clearly committed to electrification and the search for alternative technologies such as green hydrogen.

In 2007, EMT acquired for the first time the first electric vehicles, 20 Gulliver minibuses that would begin to circulate on the streets of Madrid in 2008. Currently, electrification is a strategic objective and EMT has 19 zero-emission lines: it is the city in Spain with the most electrified lines. Last May, EMT awarded the largest purchase of electric buses in its history: 150 buses for a total of 81 million euros, partly financed by NextGeneration funds, and by 2025, 25% of EMT buses will be electric.

Furthermore, in recent years, the municipal fleet has experienced a spectacular rejuvenation in the average age of the EMT fleet: 9.46 years in November 2016, 7.14 in November 2018, 6.57 in November 2019, to reach 4.84 years on average today. This favourable figure is explained by the rigorous procurement plan designed by EMT and the City Council over the last three years.