



ATM

# The ATM Group

## Company Overview





# The ATM Group

## Global Integrated Mobility Provider

We are the **historical operator** of the transport services in the **Milan metropolitan area** (96 municipalities - 3,2 million inhabitants) and the **#1 operator of public transport networks in Italy**.

At international level, we are a reference **operator of public transport in Copenhagen** (1.4 million inhabitants) since 2008 and soon we will be managing the new light railway line.

**We operate all modes of public transport:** conventional and automated metros, bus, tram, trolleybus, cable. We have been running automated metro systems for over 10 years and currently we manage 6 automated lines in Milan and Copenhagen.

**Our know-how covers the entire value chain of transport and mobility services:** engineering, operations, maintenance, management of payment and access control systems for low emission zones (LEZ), on-street parking and car parks, towing services and bike sharing.



### Key Data

Considering Milan and Copenhagen

\*Pre-Covid



7

Modes of Transport



30,000

Daily Runs



4.6mln

Inhabitants served



2.7mln

Daily Passengers\*

# The ATM Group

Global Integrated Mobility Provider

## Urban and Suburban Public Transport

Metro Systems, Buses, Trams, Trolleybuses, Cables



## Automated Metros



## Rail Diagnostic and Maintenance

Of fleet, Infrastructures and Technology Networks



## Management of Mobility Technologies

LEZ, Access and Traffic Control



## Bike Sharing



## Car Parks and On-Road Parking, Towaway



## Tourist Services





# People

**We nurture progress by empowering our people and stimulating an inclusive working environment.**

- The excellence of our Group relies upon our women and men, with their valuable diversities. As a company serving the general public, our employees are the key factor for the success of our service.
- Their skills and motivation are essential but what makes the difference is inclusiveness and a sense of belonging.

## Key Data

Considering Milan and Copenhagen



**11,000**  
Employees



**300,000**  
Training hours



**800**  
New hires in 2022



# Commitments

**We support urban transformation for more livable, sustainable and smart cities:**

- Our hallmark is **operational excellence**: operational structures, measuring quality as a business driver, attracting and growing talent
- We are **pioneers in sustainable mobility**. This is at the heart of ATM's strategic project, as clearly stated by our ambitious 'Full Electric Plan' providing for the complete conversion of the bus fleet to electric
- **Technological innovation** is part of our DNA: transforming the customer experience by expanding the range of services to customers, modernizing infrastructures and operational patterns





# Operations and Maintenance



## Operations

- Operations planning
- Vehicle rotation organisation
- Staff shift organisation
- Operations control and monitoring (OCC)
- Final evaluation of KPIs (regularity, punctuality, availability)



## Maintenance

- Planning and carrying out of maintenance
- Vehicle overhaul (metro, trams, buses, trolleybuses)
- Scheduling, maintenance and planning of infrastructure and installations renewal
- Data archives and warehouse management by means of ERP (SAP)
- Organisation and management of vehicle depots and workshops
- Predictive / on condition diagnostics
- Assistance / emergency services carried out by technical staff



## Safety and quality

- Process analysis and risk assessment
- Prevention and protection measures
- Health surveillance of workers
- ISO 9001-14001
- SA8000



## Training

- Basic training
- Training on the Job
- Training for safety at workplace
- Continuous training

# Know-How for Cities



## Green Mobility

- Energy transition projects (depots, buses and charging infrastructures)
- Service planning and maintenance



## Planning

- Catchment Plans
- On-road Parking and car parks
- Urban and Mobility Plans
- Mobility feasibility studies



## Technologies

- Road pricing
- Purchasing / Supply Chain
- Traffic lights
- Ticketing
- Operations rooms
- Passenger Information





# Technology Innovation at the Heart of our Development

## Contactless solutions and digital payment system

- More than 23 million contactless payments at the metro ticket gates in 2023.
- Since April 2023, contactless payment devices on every surface vehicle.
- Purchase of tickets and passes online and via the APP.



## Real-time information on accessibility

- «Information without barriers» is the ATM platform that provides real-time information on the accessibility status of Milan metro network.
- The service marks a further step towards making public transport accessible for everyone, allowing people to be constantly updated on the lifts and stairlifts status of the 5 metro lines.



Scan the QrCode  
and discover the platform

# Milan Automated Metro Lines - M4

M4 is the latest automated metro line of Milan. The first section of the line was inaugurated in November 2022, while the second section in July 2023, enabling to reach the city centre from Linate Airport in only 12 minutes.

Upon completion, expected by the end of 2024, it will connect the Eastern part of the city to the Western part.



## A new step in the metro network extension

**Lenght:** 15 km

**Headway:** 90/120 s

**Number of stations:** 21

**Number of trains (4 cabs):** 47

**GoA:** 4





# Milan Automated Metro Lines - M5

The M5 line connects the North-Eastern area of Milan to the Western area, where the football stadium of San Siro is located.

Opened in 2013, the line widely contributed to the urban regeneration of the surrounding areas, in particular the Isola district.



## Milan's first fully automated driverless line

**Length:** 12.6 km

**Frequency:** 180 s

**Number of stations:** 19

**Number of trains:** 21

**Passengers/year:** 50 mln

**GoA:** 4





# Copenhagen Transport Management

We choose projects and environments that are aligned with our business, our long-term partnership approach and our modernization ambition for the benefit of our customers.

As transport service operator in Copenhagen since 2008, we have built up a trusting partnership that has been renewed several times:

## M1 and M2 lines

- **2008:** takeover and operations
- **2009:** award of the contract
- **2014:** contract extension
- **2017:** award of the new contract

## M3 and M4 lines

- **2010:** award of the contract
- **2019:** start of the operations

## Copenhagen Light Rail

- **2018:** award of the contract





# Copenhagen Automated Metro Lines

Through Metro Service A/S, we manage the automated metro network of the city of Copenhagen, with four lines that are well integrated with the urban and suburban S-train.

The metro network serves all the strategic points of the city such as the Copenhagen Airport, the Central Station, the Parken Stadium and the University.



## M1-M2 and M3-M4 (Cityringen)

**Lines:** 4

**Length:** 36 km

**Number of stations:** 41

**Service:** 24/7

**Passengers/year:** 130 mln

**GoA:** 4

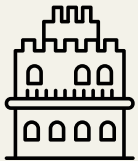
### Metro



# Thessaloniki automated metro

In October 2023, ATM signed the contract for the operations and maintenance of the first automated metro of Greece, in the city of Thessaloniki.

The new metro will serve the second most populous city of Greece, with more than one million inhabitants, and it will start its service in 2024.



## Greece's first fully automated driverless line

**Lenght:** 20 km

**Headway:** 90s

**Stations:** 18

**Trains:** 33

**GoA:** 4





# Pioneers of Sustainable Mobility

We have been running hybrid buses since 2010 and full electric buses and hydrogen buses since 2013.

## The « Full Electric » Plan: zero emission goal and transition towards 100% electric

More than 70% of journeys are already carried out with electric traction (metros, trams, buses, trolleybuses).

The final goal is to **replace the whole bus fleet with 1,200 electric vehicles by 2030.**

All depots will be converted and three innovative structures will be built from scratch. Thanks to the plan diesel consumption will be reduced by 30 millions litres and CO2 emissions by approx. 75,000 tons/ year.





# Carbon Neutrality

## State of the Art



**70% Km**

Of Services Operated  
with Electric Vehicles



Since 2018 purchase of

**100%**

Certified Green Energy



**Self-  
Production**

with Photovoltaic Panels





# The Full Electric Plan 2030

## Areas and Goals



**+1,200**

Electric Vehicles



**+3**

New Full Electric Depots



**-30mln**

Litres Diesel per Year



**-75,000tons**

of CO<sub>2</sub> per Year

New  
E-Bus Fleet



Innovative Full  
Electric Depots



Charging  
Infrastructures



Electric Corporate  
Fleet Vehicles





# The New Depots

Innovative  
Concept



Underground  
Depot



Reduced  
Environmental  
Impact



Energy  
Independence



Green  
Areas for  
Citizens





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