



# Continuously improving public transport in Madrid

📌 Thursday, 27 November 2025

🕒 09:00 - 11:15

## 4C. MOBILITY AS A RIGHT

Group A –

**Boosting Public Transport services**

### SPEAKERS

Pedro Fernández,  
**Madrid City Council**

**POLIS25**  
ANNUAL CONFERENCE

**26-27 November 2025**

Royal Jaarbeurs | Utrecht, Netherlands



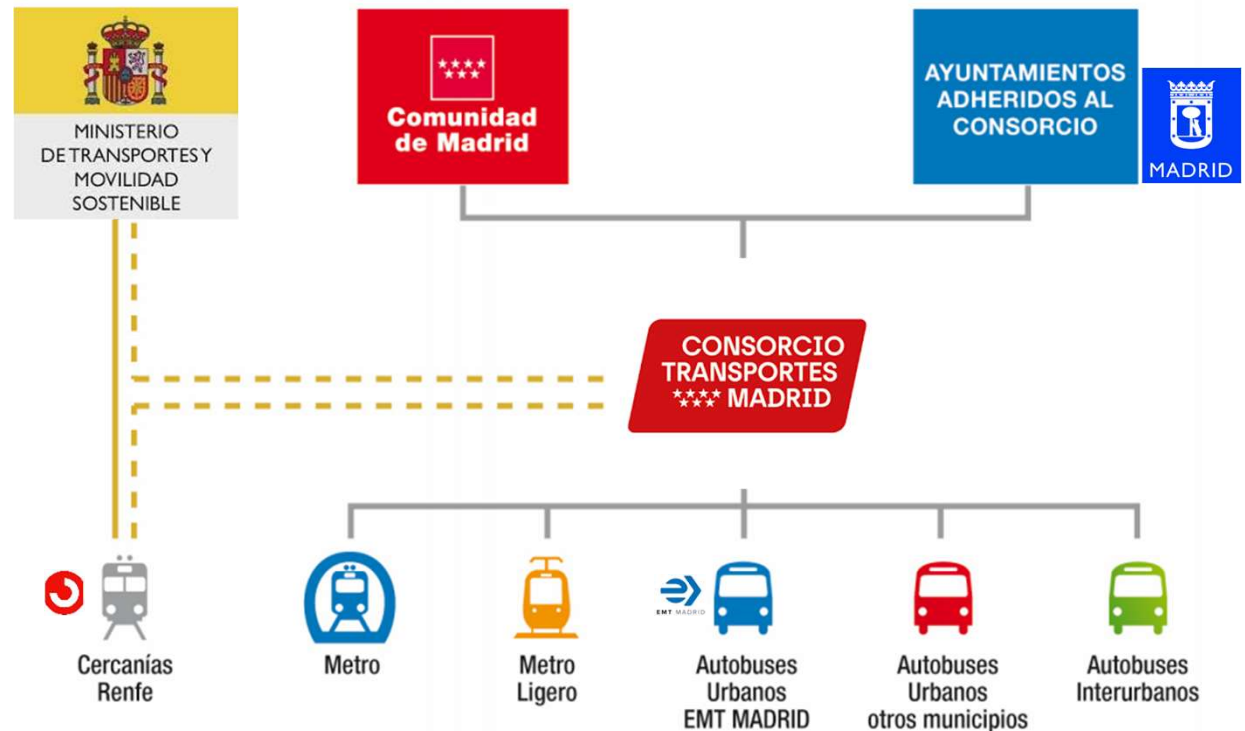
MADRID

# PTA: CRTM

The public transport consortium manages public transport in Madrid region and city.

Main public transport operators in Madrid city:

- EMT Madrid
- Metro de Madrid



**Governance & Coordination**



**CONSORCIO  
TRANSPORTES  
\*\*\*\* MADRID**

Tu ritmo, tu transporte

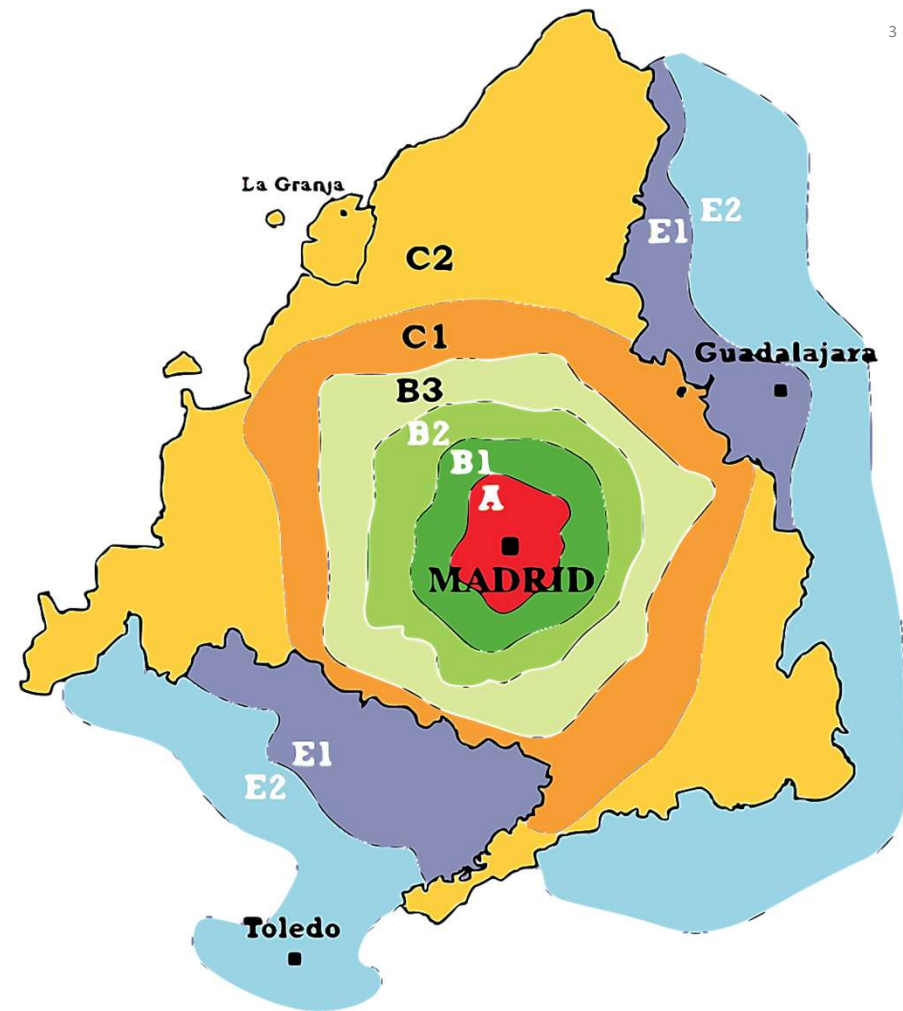
**OVER 700 LINES**



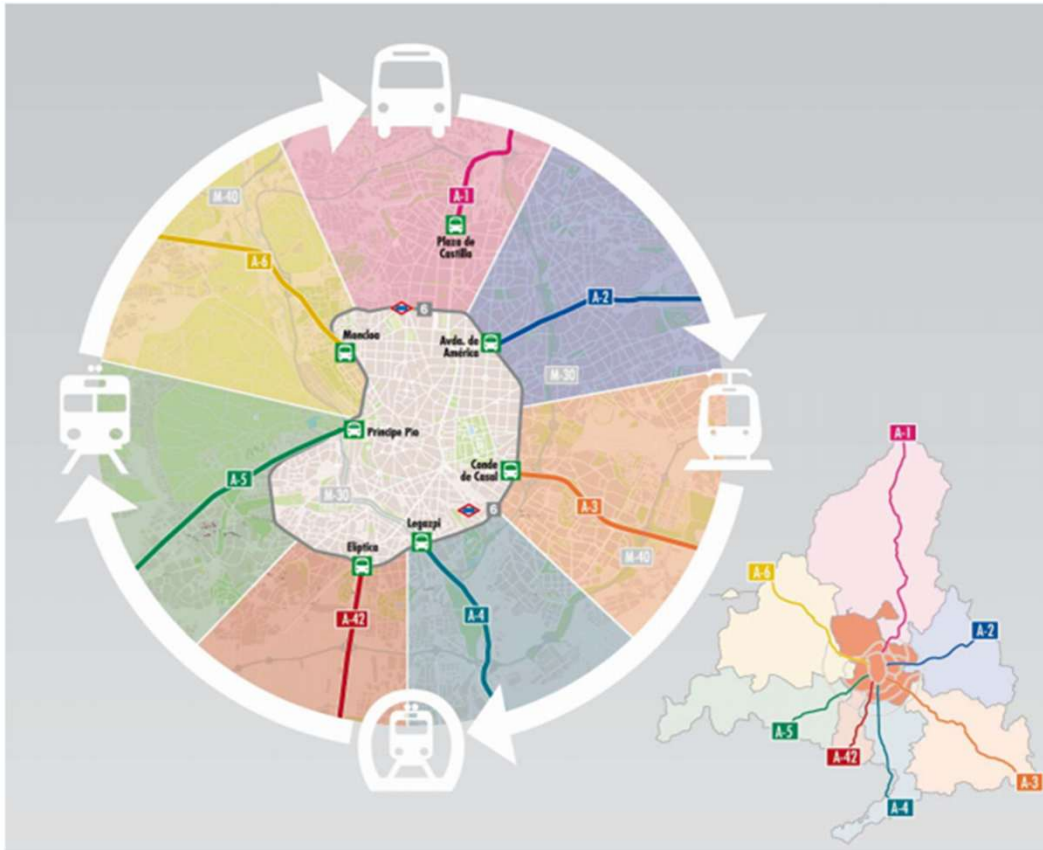
# Madrid suburban and regional



Madrid Regional  
fare system  
is organized by zones  
Including other regions



# REGIONAL AXES AND “INTERCAMBIADORES”



Regional transport integration through strategically located interchange stations.

Connecting:

- Suburban trains
- Suburban buses
  - Metro
- Urban Buses

# "INTERCAMBIADORES"



> Avenida de América



> Chamartín



> Moncloa



> Plaza de Castilla





# METRO MADRID



## Metro de Madrid

***Metro de Madrid** is the city's underground operator, managing **over 300 stations** and a total of 296,63 km of underground network.*

## Modernization

***Transformation** towards a **more connected future**, making it one of the first undergrounds in Spain to incorporate **autonomous trains**.*

## Accesibility

*Metro is implementing an **accessibility plan** with an investment of more than **300 million euros**. Already more than **70% of the stations are accessible**, 80% by 2028.*

# CITRAM



**CITRAM is Madrid's Mobility Management Innovation Centre.**

**It monitors Madrid Region's public transport system in real time.**

**The project is led by the CRTM, with the collaboration of more than 40 companies. It coordinates not only with public transport operators but also with external agents such as emergency services, air quality agencies, local councils, etc.**

# Key achievements

Madrid's public transport network is large, dense, interconnected and increasingly modern, with...

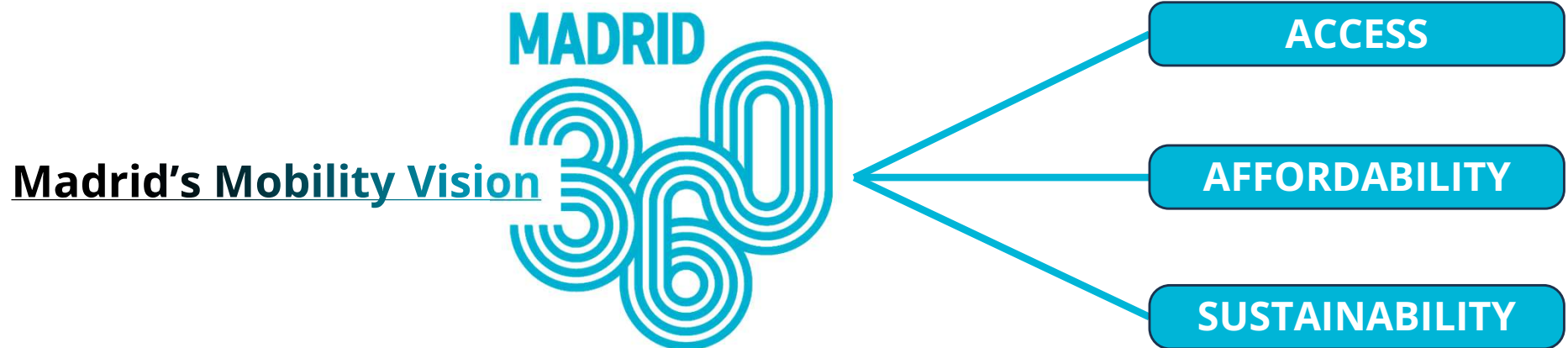
## ✓ INTEGRATED FARE SYSTEM

- ***"Abono Transporte"** as a personal card*
- ***"Tarjeta Multi"** for occasional users*
- ***Travel Passes** for tourists and visitors*





# Madrid City 360 Strategy



In 2019, the Madrid 360 Environmental Sustainability Strategy was designed and launched with the aim to transform Madrid into a more sustainable city from the environmental, social, and economic point of view. Madrid 360 is an alive strategy, that encompasses more than 200 initiatives.

## In our City, Madrid:

**13** million daily trips

**53%** sustainable modes

Inside M30 (19% of total trips)

**82,1%** sustainable modes

**25,4%** public transport

**56,7%** active mobility



# EMT Madrid



## EMT Madrid

***EMT Madrid** is the city's public transport operator, managing **over 200 bus lines**, along with cable cars, parking, and other mobility services.*





# EMT Madrid



EMT MADRID

## ⚡ "Bus Rapid" Vehicles and BR1

New **high-capacity, zero-emission electric buses** introduced for **Bus Rapid** services: designed for higher frequency, faster boarding, and dedicated lanes.



**POLIS25**  
ANNUAL CONFERENCE



# Key achievements



Madrid's public transport network is large, dense, interconnected and increasingly modern, with...

[ 1,183 ]

*public transport vehicles  
per million inhabitants  
across the metropolitan area*

# Key achievements

Madrid's public transport network is large, dense, interconnected and increasingly modern, with...

## ✓ UP-TO-DATE PUBLIC FLEET

- **No more diesel** vehicles since 2022
- Over **450 electric buses** (25% of the fleet)
- **45 fully electrified lines**



# EMT Madrid



## “Líneas Cero” – 100% Electric

Launch of **fully electrified routes (001 & 002)** offering **zero-fare, zero-emission** travel through central Madrid; connecting key hubs like **Atocha** and **Sol**.







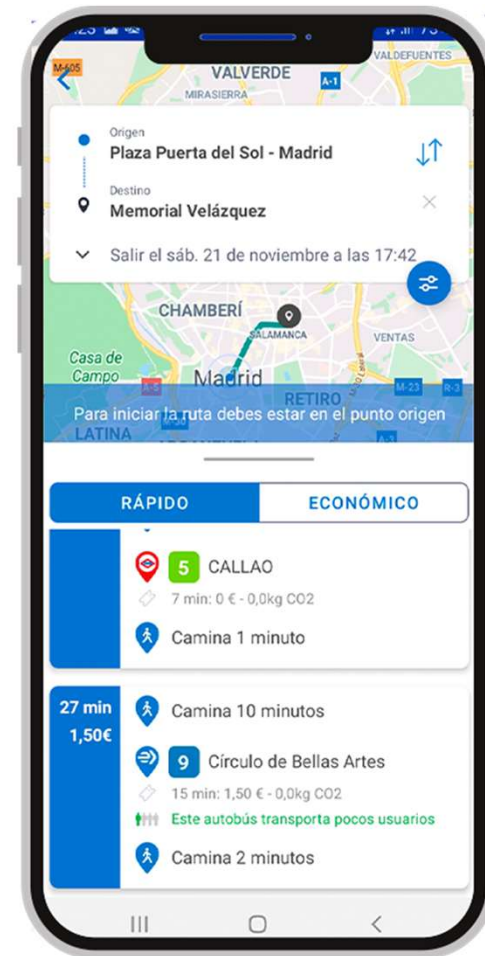


# Key achievements

Madrid's public transport network is large, dense, interconnected and increasingly modern, with...

## ✓ INTERACTIVE EXPERIENCE

- **Madrid Mobility 360 app**
  - ***Real-time info***
  - ***Multimodal journey planning***



... and innovative projects



 Plan de Movilidad  
Sostenible

MADRID  
360

... and innovative projects

## #1 AUTONOMOUS e-BUS PILOT PROJECT

For the **2025 European Mobility Week**, **EMT Madrid** launched an **autonomous electric bus** in Casa de Campo with full onboard sensors to detect **traffic lights**, **pedestrians** and **cyclists**.

**Previous pilots** have also been tested at **university campuses**, such as **UAM**

*"Madrid: leading autonomous, zero-emission mobility"*



Plan de Movilidad  
Sostenible



**SEM  
2025**

16-22 de septiembre 2025

SEMANA EUROPEA DE LA MOVILIDAD



**Movilidad para todos**



**POLIS25**  
ANNUAL CONFERENCE



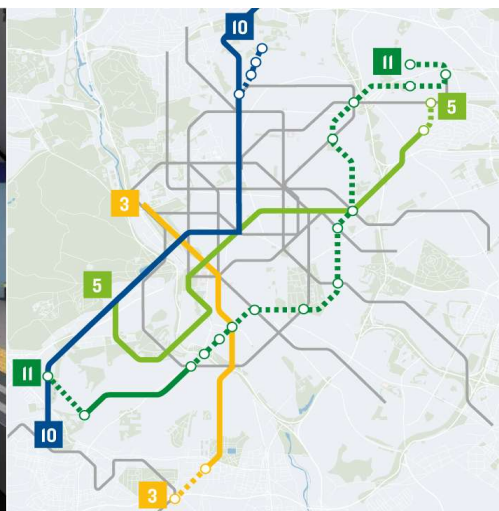
... and innovative projects

## #2 THE METRO OF THE FUTURE

*Extending Madrid's Metro to **boost connectivity**: works on **Lines 3, 5, 10 and 11** will create a new cross-city diagonal, **improving access**.*

*Next-generation stations feature platform **screen doors**, **sensors** and **energy-efficient** systems, enhancing **safety**, **comfort** and **air quality**.*

*Modern rolling stock and **signalling** enable **higher capacity** and real-time operation monitoring, shaping a **smarter**, **greener** metro network.*





... and innovative projects

### #3 IMPROVING INTERMODALITY



*Transformation of existing public transport hubs into modern interchange stations that encourage intermodality as they reduce transfer routes and distances*

## ... and innovative projects

For **suburban buses** circulation will be more orderly than before due to the **BUS VAO lane**. **Commercial speed increase**, from 29.42 to 37.02km/h in the morning, and from 28.10 to 34.12km/h in the afternoon.



A former motorway urban section, buried to **reconnect neighbourhoods, cutting noise, emissions, and visual impact; turning asphalt into public space.**

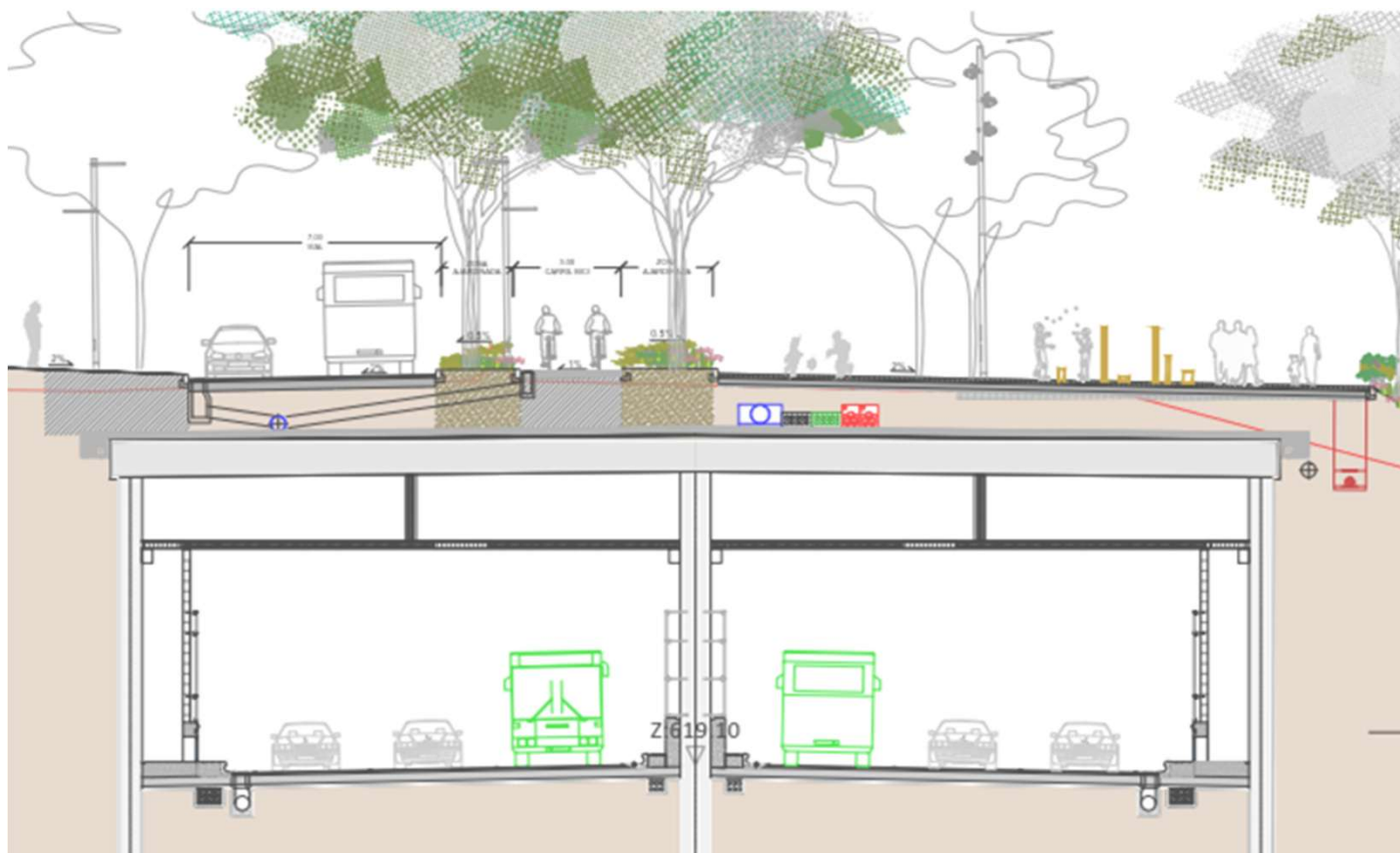






... and innovative projects

## #4 ENHANCING COMMERCIAL SPEED





# Conclusion

## Mobility as a **Right\***

*\* Public transport is **not** just a **service**; it's a **social equalizer** and a **climate solution**.*



**#1 EXPANDING THE PUBLIC TRANSPORT NETWORK**

**#2 EXCLUSIVE INFRASTRUCTURE FOR BUSES**

**#3 PROMOTING INTERMODALITY**





**Thank you for  
your attention!**

**For more information:**

[dgplaniymovi@madrid.es](mailto:dgplaniymovi@madrid.es)

Pedro **Fernández**

**POLIS**  
CITIES AND REGIONS FOR TRANSPORT INNOVATION



**POLIS25**  
ANNUAL CONFERENCE

**26-27 November 2025**  
Royal Jaarbeurs | Utrecht, Netherlands

**Use our hashtag:**  
**#POLIS25**

