



INTERNATIONAL CONGRESS OF CIRIEC
Public, social and cooperative economy meeting the general interest

Vienna, September 12-14, 2012

Massimo Ferrari

ATM Group – a long story

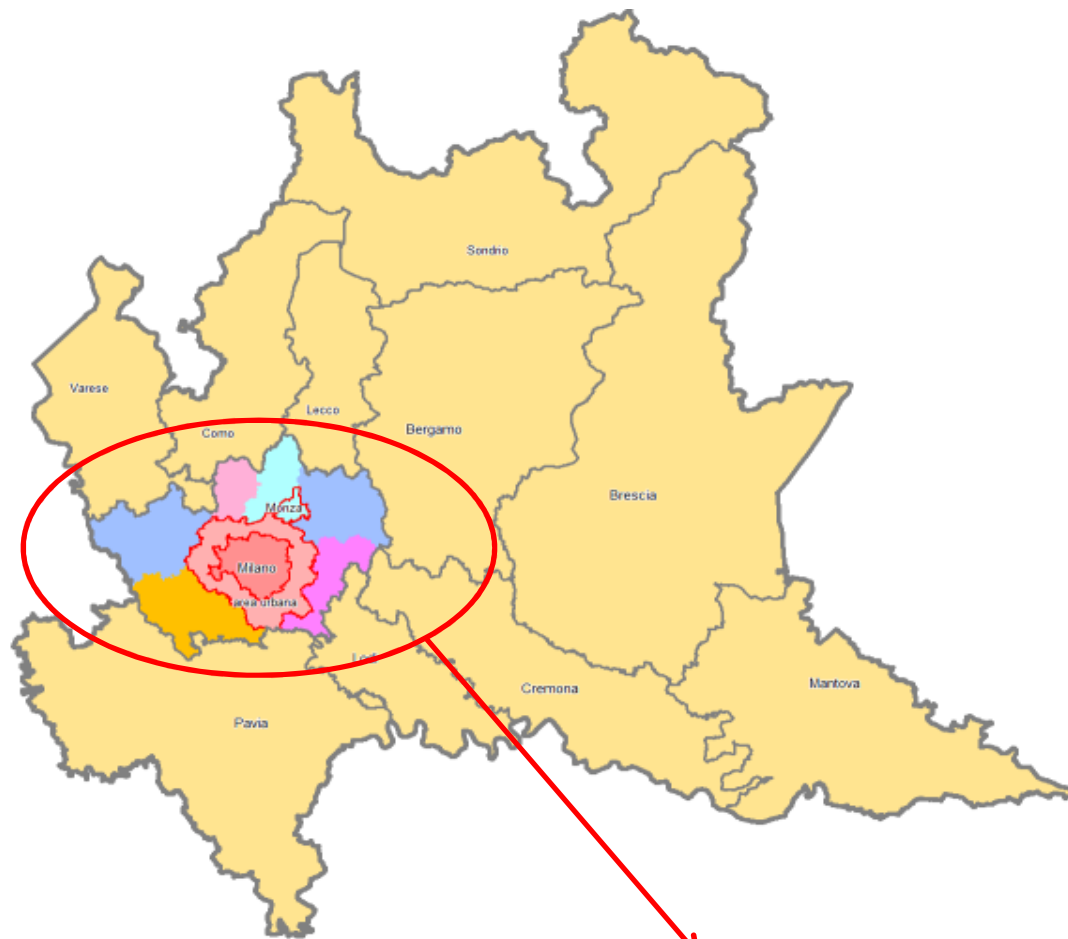


Established May 22 1931

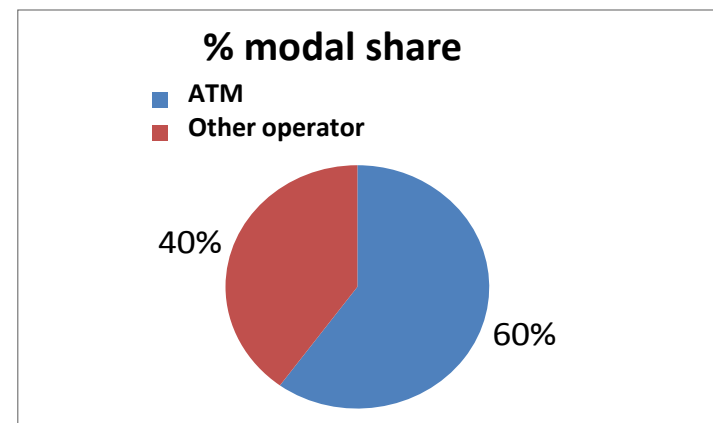
ATM is a PLC, 100% owned by Milan Municipality.

ATM is an integrated Group made of made of 16 companies and more than 9.000 employees.

ATM framework



Milan Urban Area



ATM network – we move 2 million pax/day



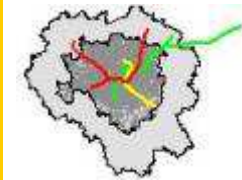
Metro:

MAIN URBAN & SUBURBAN NETWORK

Routes: (M1 – M2 – M3 – M5)

n° of stations: 94

Car km: 62 Mln



Tramway:

MAIN URBAN & SUBURBAN NETWORK

Routes: 21

Network: 300 km

Car km: 24 Mln



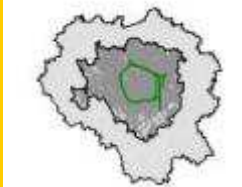
Trolleybus:

URBAN CIRCLE LINES NETWORK

Routes: 4

Network: 41 km

Car km: 4 Mln



Bus:

LOCAL NETWORK

Routes: 96

Network: 1.114 km

Car km: 54 Mln



Other mobility services

Long stay park



Car park



Disctric bus



Car Sharing



Bike Sharing

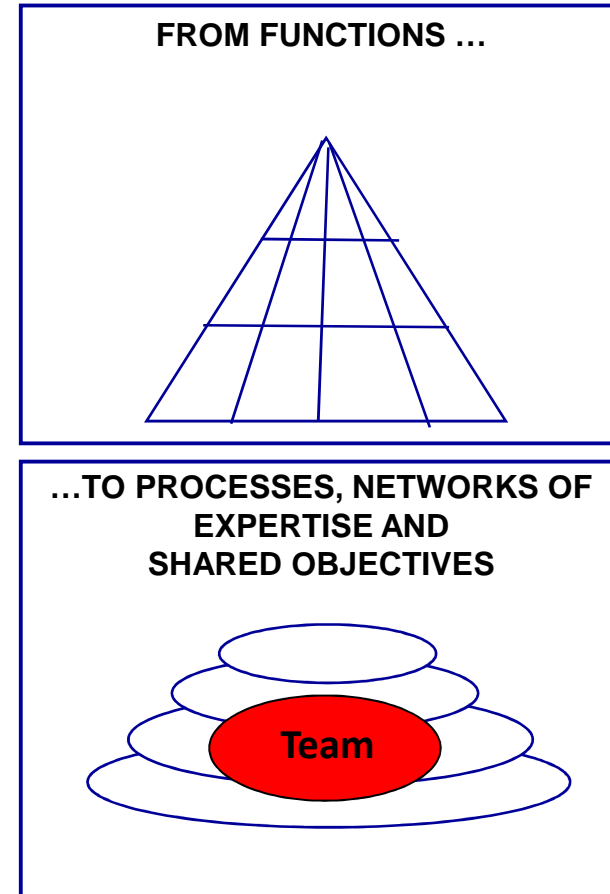


Simplification: new process and optimization

→ **Lean** Organization

→ **Flexible** Organisation

→ **Competent** Organization



New big projects for enterprise improvement

1. Congestion Charge



2. Fleet Management



3. New metro lines



SMART CITY

Congestion charge: Area C

ECOPASS vs AREA C: From Pollution charge to Congestion charge



- Daily entrance charge to access the city center
- based on an access control system via electronic gates with built-in cameras

- AREA C is a daily entrance charge to access the city center by also **city center inhabitants**
- based on an access control system via electronic gates with built-in cameras
- different payment method

Technology, implementation and clearing method powered by ATM

Congestion charge: Area C

- Municipality signed a contract with ATM
- N° daily access: 150.000
- N° of electronic gates: 42



Finally new congestion charge has modified the city center mobility:

- Private mobility: - 34%
- Commercial speed: + 6%
- Accidents: - 28%

Innovative fleet management

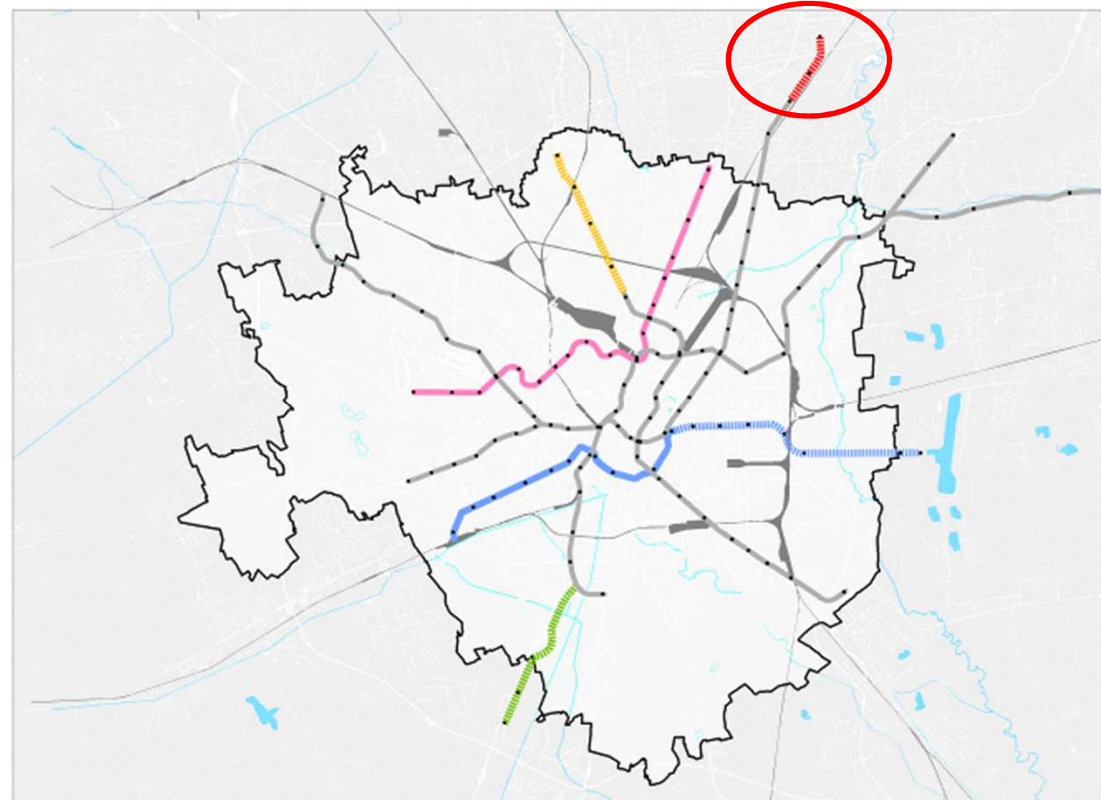
Overground Control Room (inaugurated in 2008) and **Underground Control Room** (in 2012), among the most advanced in Europe:

- Real time GPS monitoring
- Info points always on
- Strict link between operations and maintenance to reduce failures



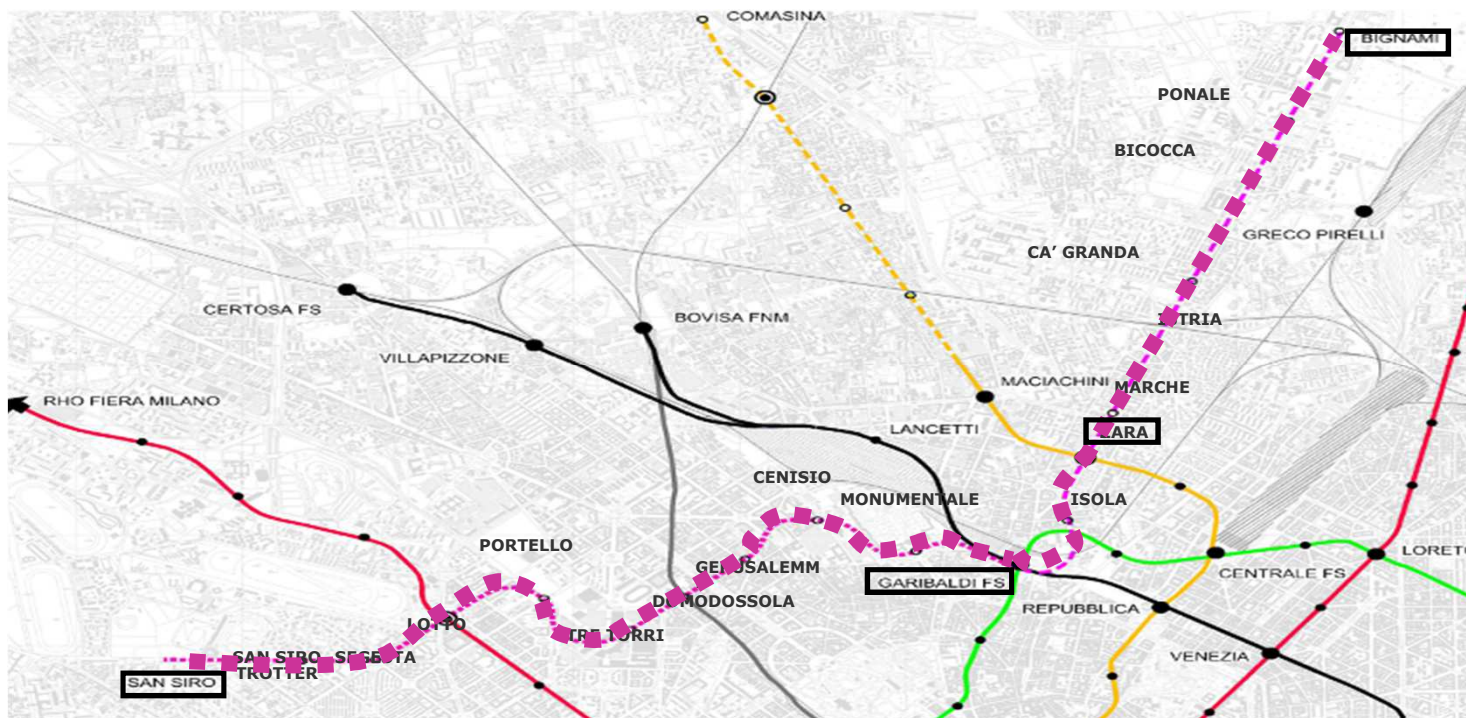
New metro lines – extension line 1

- **The extension of line 1 started July 2011** (north area) after extensions of lines 2 and 3 started in march
- **A total of 1,9 km and 2 stations** (Sesto F.S. – Monza Bettola)

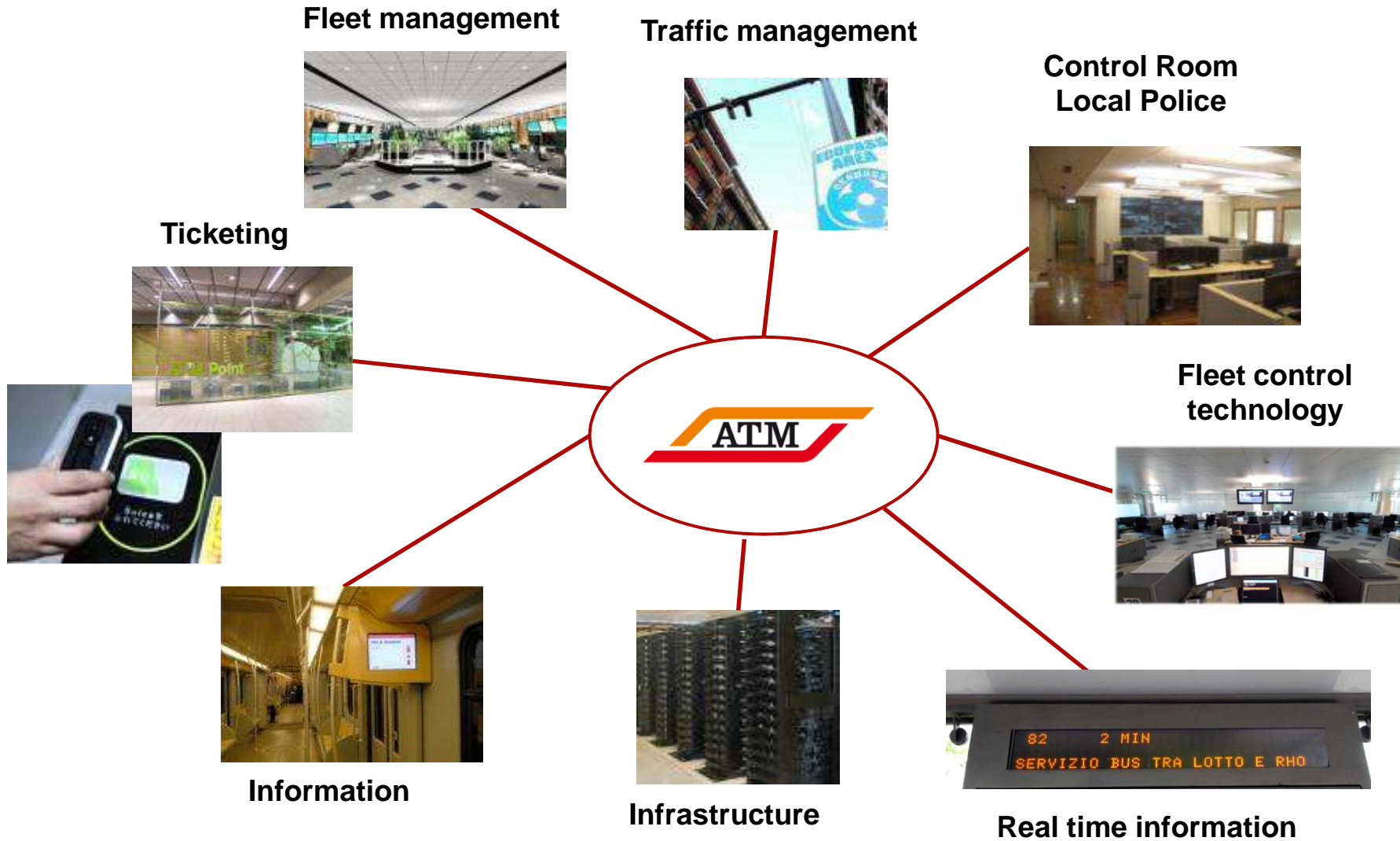


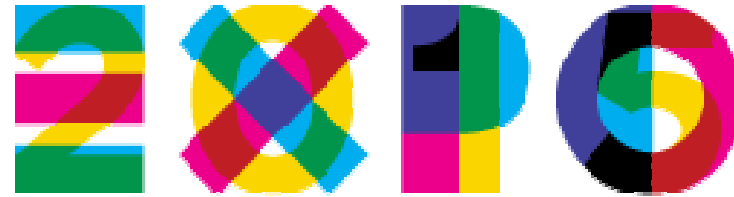
New metro lines – Line 5

- **Full Driverless Metro** (derived from Copenhagen concept)
- **Line 5 will be open next July 2012**, extension of 5,2 km; 7 stations, 1 inteconnections with Line 3
- **The extension “Garibaldi - S.Siro”** will be ready in 2015 for Expo 2015 (7 km and 10 stations)



Smart city committed to sustainability





MILANO
NUTRIRE IL PIANETA
ENERGIA PER LA VITA

This is a great occasion for the city and will be strategic for ATM:

- Integrated mobility provider
- Infomobility supplier
- Fully integrated logistic platforms