

Ing. Massimo Diana

Direttore Operativo Mobilità Terraferma



## AVM - HOLDING

The **AVM Holding Group** consists of AVM Spa ,the parent company , and its subsidiaries Actv Spa and Ve.La. Spa.

**AVM** – Contractor for TPL in the Venice area  
Private Mobility : on-site parking, bike parks, private boat docks, etc.



**ACTV** – Local Public Transport Service  
Navigation Services in the Venice Lagoon and Bus Services in the mainland



**VELA** – Event Management  
Ve.La, is the commercial company of the AVM Group.



## AVM - HOLDING



La flotta					
Tipo	Dimensioni [mt]	Stazza [ton]	Passeggeri	Membri Equipaggio	N° Mezzi
Ferry-boats	40-70	200-1000	350-1000	6	7
Motonavi	33-38	170-290	800-1300	5	7
Motobattelli foranei	21-31	65-130	330-400	2	20
"Vaporetto"	21	24-25	200-220	2	67
Motoscafi	19-23	20-25	150-190	2	51
Motoscafi ad agente unico	8-10	4-5	20	1	4

**Totale: 156**

- 465.000 ore di navigazione/anno
- 27 linee
- 229,26 Km lunghezza delle linee
- 100,01 Km lunghezza della rete
- 139.000.000 ( 2024) passeggeri trasportati/anno



## AVM – HOLDING TPL Services in mainland

**Lines:** The bus service consists of 42 urban lines (35 Mestre, 7 Lido), 2 tram lines, 1 People Mover, and 41 suburban lines.

**Km Production:** Annual production is **20,000,000** km/year by buses and **1,300,000** km/year by tram systems; for a total of 21.3 million km/year.

**Network Extension:** The urban network extends for 250 km; the suburban network extends for 760 km.

**Passengers transported:** 66 million per year on urban routes, 22 million per year on suburban routes, and 17 million per year on the tram and People Mover service, for a total of 105,000,000 passengers per year.



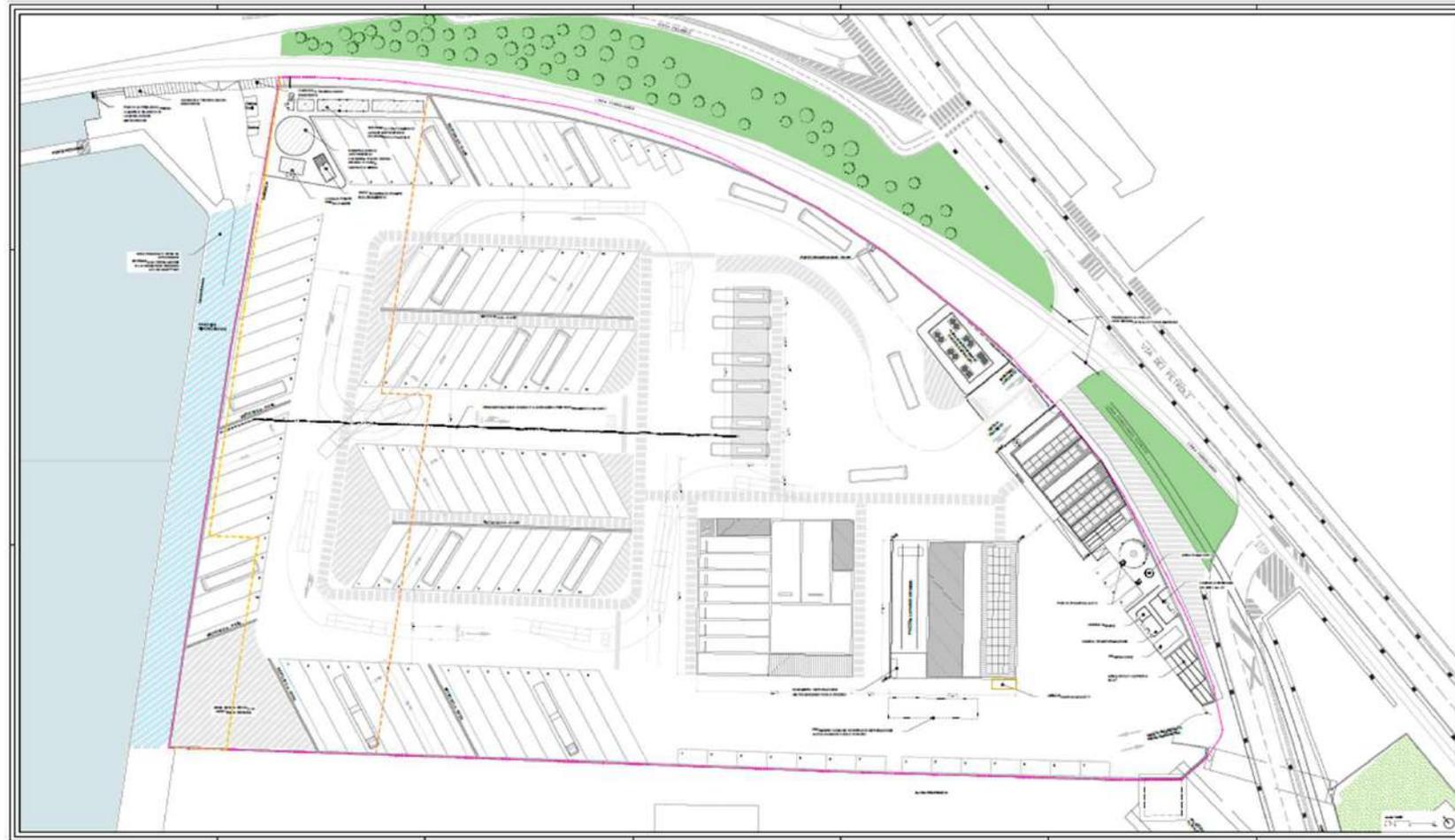
**Fleet:** approximately 540 buses between the urban and suburban sectors.



## AVM – HOLDING L'area di Intervento



## AVM – HOLDING Il Nuovo Deposito



## AVM – HOLDING I nuovi bus Green

### Comparazione veicoli a zero-emissioni

BUS A BATTERIA  
(RICARICA PLUG-IN)



 Sistema di accumulo con alta densità di energia

 Ricarica batteria in deposito

BUS A BATTERIA  
(RICARICA A PANTOGRAFO)



 Sistema di accumulo con alta densità di potenza

 Ricarica batteria alle fermate anche in 7 minuti

BUS IDROGENO

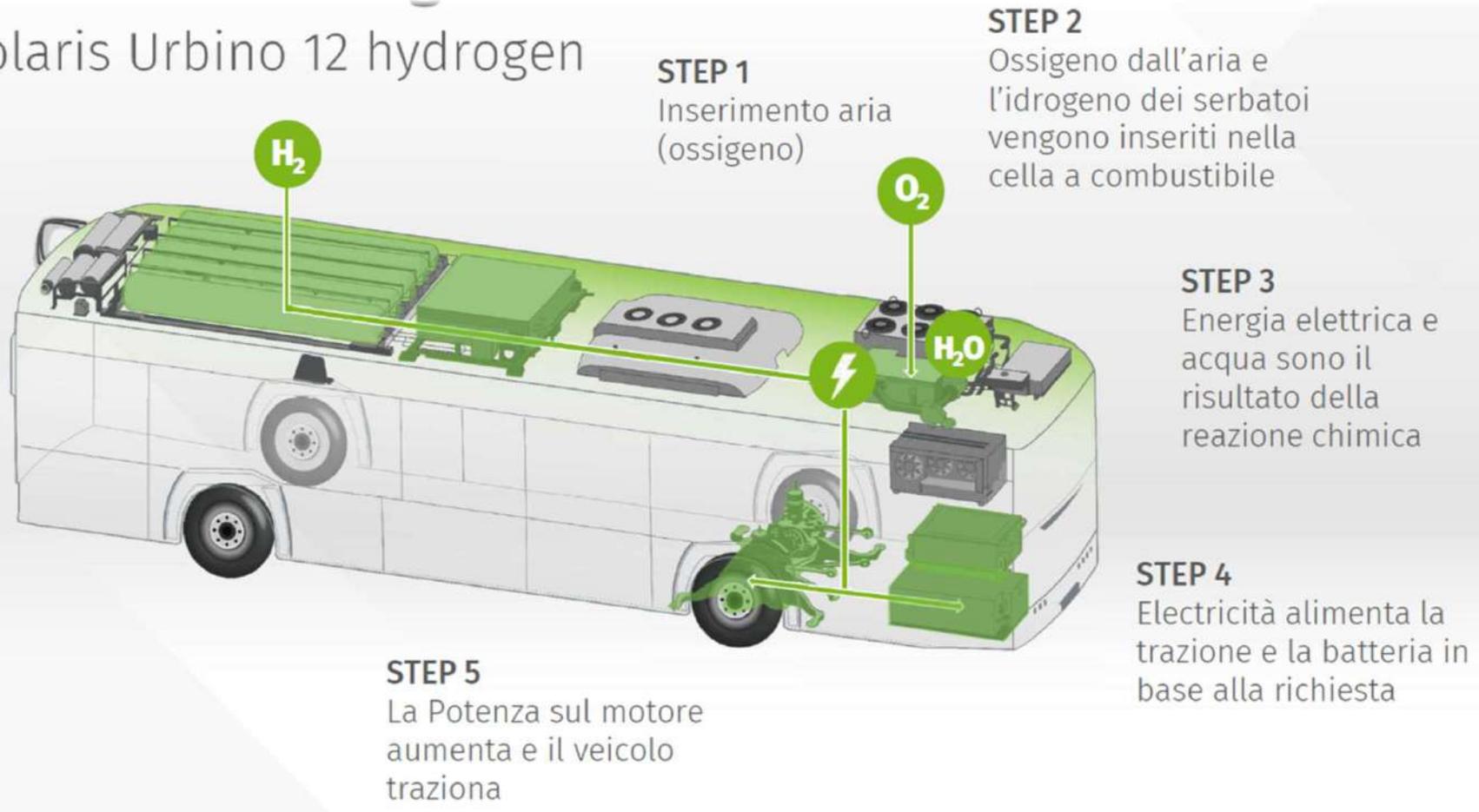


 Piccola batteria di trazione

 Singolo rifornimento circa 10 minuti



## Solaris Urbino 12 hydrogen



## AVM – HOLDING Timetable

### **Hydrogen Bus** : Tender awarded to Solaris Bus

- 75 12-meter vehicles
- 15 18-meter vehicles



### **Delivery Times**

*Production start-up vehicles:* 1 12-meter and 1 18-meter delivered in October 2025

*Deliveries start:* end of January 2026

*Deliveries completed:* May 2026

### **H2 Depot and Supply Availability**

June 2026 – PNRR deadlines

### **Fleet Operation Start-up**

June 2026 – PNRR deadlines

## AVM – HOLDING

**Need to create synergies with public and private partners** to develop a hydrogen supply market; production is developing at various sites, but the supply for transport vehicles (local public transport or commercial vehicles) that could ensure an efficient refueling network is lacking.

**Lack of sector-specific technical standards**, both for maintenance and management, also leads to delays by the competent authorities in issuing opinions and/or authorizations.

**Evidence of a market unbalance:** in the PNRR, with approximately 3,500 financed vehicles, the hydrogen quota is limited to approximately 250-300 vehicles.

**Support in terms of incentives on tariff** : to contribute to the costs of hydrogen, which are currently "out of the market" (so-called tariff decree).

