



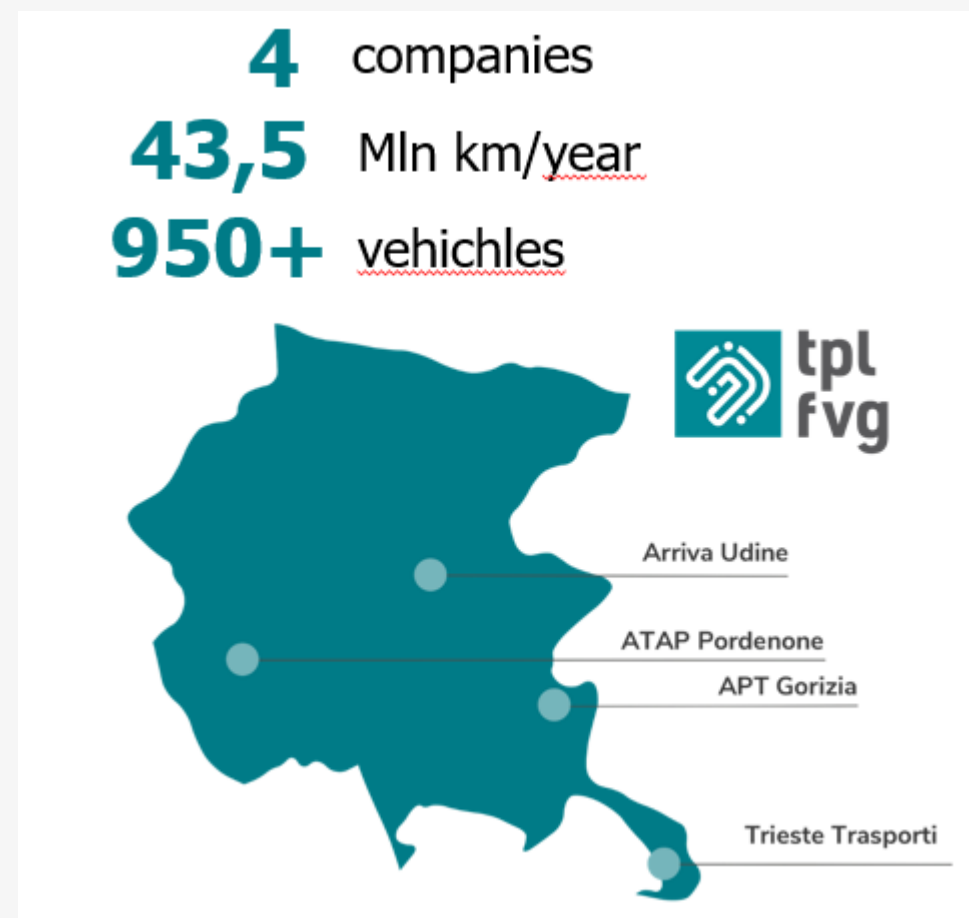
MOBILITY, RENEWABLE ENERGY AND SUSTAINABILITY

THE CASE OF GORIZIA



APT SpA has been operating in local public transport in Friuli Venezia Giulia since 1976, growing and transforming over time

Since June 2020, it has managed public transport as a member, with 3 other companies, of TPL FVG Scarl, the consortium holding the regional contract



LOCATIONS

Gorizia and Monfalcone

FLEET

more than 160 vehicles

STAFF

more than 200 employees

TPL SERVICES



- ✓ Suburban (over 4,4 mln km/year)
- ✓ Urban - Gorizia, Monfalcone and Grado (over 1,4 mln km/year)
- ✓ International: Italia/Gorizia whit Slovenia/Nova Gorica urban and suburban (Trieste Airport for GO!2025)
- ✓ Seasonal maritime (3 Lines Grado/Trieste-Lignano-Aquileia)

ADDITIONAL SERVICES

- ✓ School bus, shuttles for public administration
- ✓ Industrials: transport within Fincantieri shipyard
- ✓ Tourism: NCC- rental with driver



In 2023, approval of the **PREPM-TPL** for Friuli Venezia Giulia, a programme for the evolutionary renewal of the TPL fleet with the aim of replacing, by 2030, at least 50% of the diesel fleet with electric, hydrogen or CNG/LNG buses, providing financial coverage for the projects presented by the four TPL FVG Scarl companies

APT – LNG (liquid methane)

SUBURBAN

- ✓ Storage and refuelling facilities in Gorizia (already active) and Monfalcone (new location)
- ✓ 39 buses



APT – BEV (electricity)

URBAN

- ✓ Recharging columns in Gorizia (already active) and Grado depot (already active)
- ✓ 22 buses



APT – H2 (hydrogen)


URBANO

- ✓ Production, storage and replenishment plant in the new Monfalcone site
- ✓ Photovoltaic system for power supply
- ✓ 15 buses



HYDROGEN PROJECT BY APT S.P.A.

New APT site in industrial MONFALCONE zone area over 38.000 sq functional to the ecological transition



- Solar farm power 1.67 MW
- 2834 solar panels P di 6000W each in monocrystalline silicon
- Annual Production year 1.975.025 kWh
- Area solar farm 17.000 sq

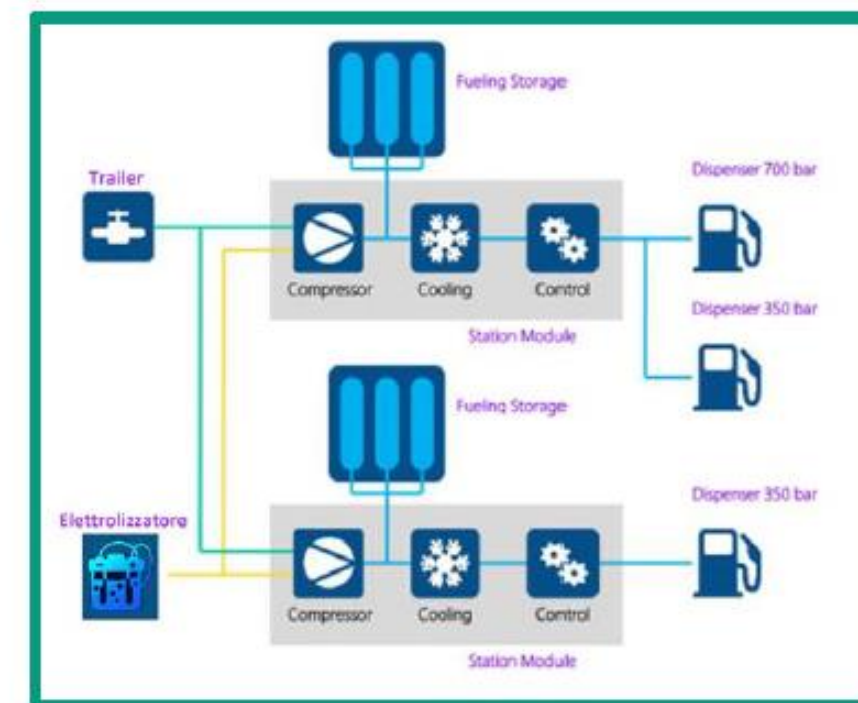
... in particular... **production plant**, storage and replenishment **H2**

- Plant area over 3.200 sq
- System elements: MP and AP storage electrolyser, compressors (500 and 1000 bar), 2 dispenser for BUS (350 bar a -20°), 1 dispenser for vehicles (700 bar a -40°), loading for trailer, container, cooling, container, power supply container and accessories, control room and technical service rooms for refuelling
- Maximum power 1MW
- Daily production capacity 400 kg

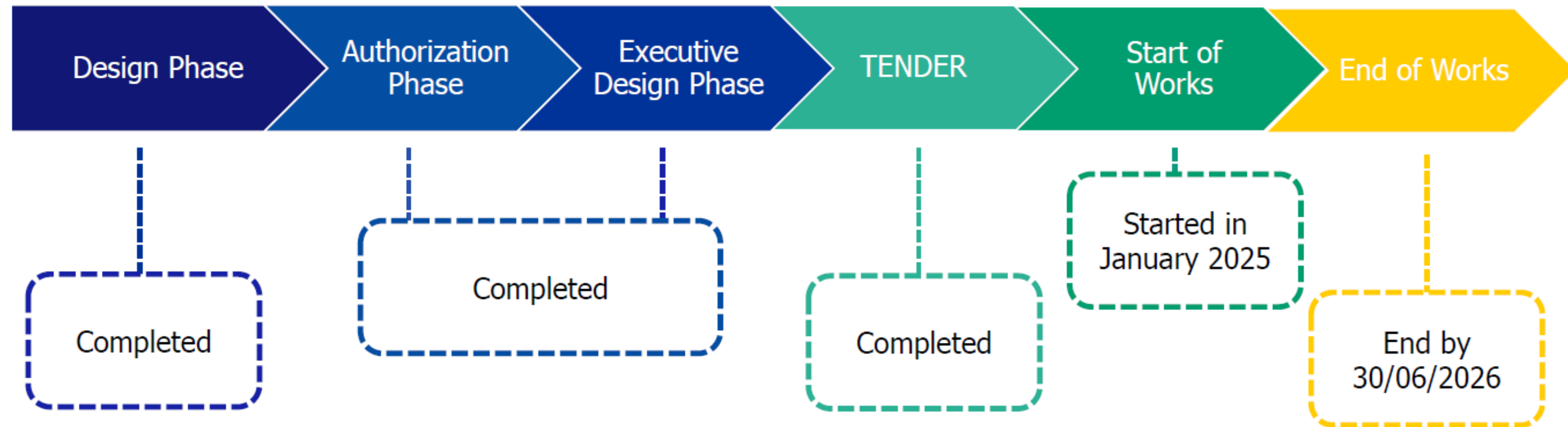
HYDROGEN PROJECT BY APT S.P.A.



- "Construction of a renewable hydrogen refuelling station for local public transport' and "Supply and installation of the electrolyser" - integrated and mixed tender - Project funded by the EU, NextGenerationEU - PNRR, Mission 2, Component 2, Investment 3.3 and by the FVG Region - CIG A04245FC90Announcement of procedure: 28.12.2023
- Awarding measure: 21.05.2024
- Signing of contract APT Spa - RTI between SOL Spa and CEDEM Scarl on 08.10.2024 for a consideration of € 10,246,664.09 excluding VATPartial
- site delivery: 20.01.2025
- Executive project validation: 26.03.2025
- Construction of a 1.67MWp ground-mounted photovoltaic plant - CIG: B1CADB264DAnnouncement of procedure: 20.05.2024
- Awarding measure: 12.08.2024
- Signing of contract APT Spa - Carbotermo Spa on 03.10.2024 for a consideration of € 2,139,943.04 excluding VATPartial
- site delivery: 20.01.2025



HYDROGEN PROJECT BY APT S.P.A. - Timelines



- Call for tenders published on 19.11.2024 for the supply of vehicles planned for the years 2026 and 2027:
- 8 Buses + 1 optional hydrogen-powered bus to be used in the APT fleet serving the tpl service - CIG B45961DD7F
- Deadline for receipt of tenders: 19.12.2024
- Tender amount: total € 6,528,705.00

From now on

