# Category 1 - New parking structures **Roma Termini Station Parking** *Rome, Italy*





# Grandi Stazioni Rail's vision on the «multi-service sustainable services» and its strategic pillars



services.



Category 1 New parking structures / Parking Termini Train Station / Rome, Italy

### The benefit of «multi-service sustainable services» project are evident in three areas

	Area	Description	Aspiring level
	Natural	Benefits in terms of:	-15-20%
	Environment	<ul> <li>Energy use and GHG<sup>1</sup> emississions</li> </ul>	of CO <sub>2</sub> emissions up to 2030 due to low environmental impact <sup>2</sup>
		<ul> <li>Efficient and circolar use of resources and products</li> </ul>	
		<ul> <li>Other ecological impacts including 0 new land use</li> </ul>	
			350-450
	Social	Benefits in terms of:	jobs created since the construction of the car
		<ul> <li>Diversity and Inclusion</li> </ul>	park
		<ul> <li>Services for the Community's services</li> </ul>	1°
		<ul> <li>Customer satisfaction</li> </ul>	creator of integrated multi-service center in Italy with substantial benefits for all stakeholders
	Economy	Benefits in terms of:	~10
		<ul> <li>Economic and financial sustainability of the business case</li> </ul>	years of payback time from investments
		<ul> <li>Economic return on investment</li> </ul>	
:1	1 Greenhouse gases		

#### Category 1 New parking structures / Parking Termini Train Station / Rome, Italy Parking Data





## **Floor Plans**

The 1st level is dedicated to Season Ticket Holders , Rent a Car and Fleet services. There are also some specific areas dedicated to Social Mobility such as Pink Car Spaces\* and Spaces for Disable Users.

On the 1° floor level it is possible to charge **Electric Vehicle** thanks to n. 6 Car Spaces fully equipped for Electric Charging.

\* Pink Car Spaces dedicated to pregnant women



# Floor Plans

The 2nd level is dedicated to **Short Term Parking**. There are also some specific areas dedicated to **Social Mobility** such as **Pink Car Spaces\*** and **Spaces for Disable Users**.

On the 2nd floor level it is possible to charge **Electric Vehicle** thanks to n. 18 Car Spaces fully equipped for Electric Charging.

\* Pink Car Spaces dedicated to pregnant women





## **Floor Plans**

The 3rd level is dedicated to Car Sharing and Short term Parking services. There are also some specific areas dedicated to Social Mobility as Pink Car Spaces\* and Spaces for Disable Users.

On the 3rd floor level it will be possible to charge **Electric Vehicle** thanks to n. 6 Car Spaces prepared for Electric Charging.

\* Pink Car Spaces dedicated to pregnant women



# Category 1 New parking structures / Parking Termini Train Station / Rome, Italy **Elevation and Section**

- **Elevation**
- The elevation shows the linear design of the Parking Structure under which are located the 23 train platforms.



XY

Train platform numbers

- Section
- The section shows the direct pedestrian connection between each platform and the parking area.





#### Category 1 New parking structures / Parking Termini Train Station / Rome, Italy The Vision on the Parking Termini Train Station to 2030 - Services

#### ILLUSTRATION

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Growing **penetration rate of electric vehicles** on new registrations

Infrastructure for **charging electric vehicles** (130-140 parking spaces equipped with charging points for electric vehicles)

Growing demand for additional services Car wash service (60-70 washes per day)



Pick-up points for car rental (270-275 Car Spaces dedicated to rent a car)

Pick-up points for **car sharing** (55-60 Car Spaces dedicated to car sharing)

Growing importance of **sustainability** in different dimensions

Photovoltaic panels for electricity production (~ 10,000 m<sup>2</sup> covered)

Significant growth in e-commerce

**Locker for B2C delivery** (~ 100 lockers installed)

Significant growth of **automation and** digitization

6

Pay as you go payment system (~ 10-15% of payments made pay-as-you-go)



#### Category 1 New parking structures / Parking Termini Train Station / Rome, Italy The Vision on the Parking Termini Train Station to 2030 - Infrastructure



Fig.1 – New Pedestrian Entrance – Via Giolitti (completed)



Fig.2 – New Pedestrian Entrance – Via Marsala (2022)



Fig.3 – Photovoltaic Park - Rooftop (2025)

GRUPPO FERROVIE DELLO STATO ITALIANO



Fig.4 – Elevated Pedestrian Park above train platforms (2025)

Fig. 1 New pedestrian entrance (Via Giolitti) connects directly the Parking Structure to the City Centre, without passing through the Train Station.

Fig. 2 New pedestrian entrance (Via Marsala) will connect the parking structure to the City Centre. The new entrance will host a Bike Park for n.100 bicycles.

Fig.3 The photovoltaic panels will be installed on the rooftop.

**Fig. 4 Elevated green Park** above the train platforms will connect the Parking area with the main building of the Train Station.