

Category 1 - New parking structures

# **Roma Termini Station Parking**

*Rome, Italy*

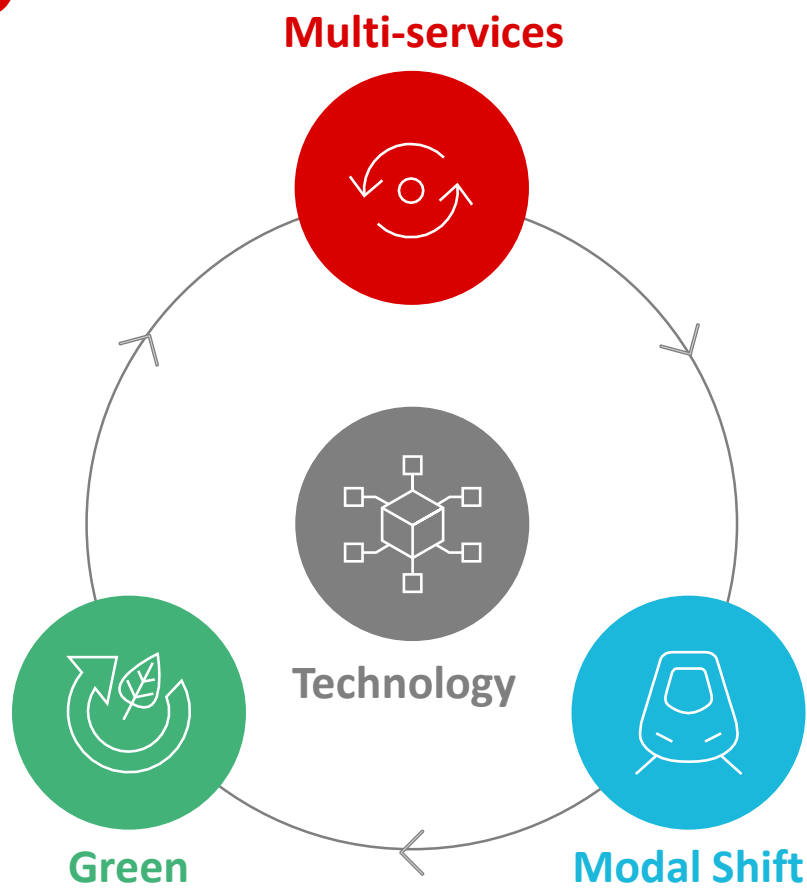


# Grandi Stazioni Rail's vision on the «multi-service sustainable services» and its strategic pillars

## The vision...

The creation of a **multi - service integrated** for the costumers, operators and the local community, aspiring to the highest **sustainability** targets in all areas.

## ...and the strategic pillars



### Green

Reduction of energy consumption and emissions thanks to a range of services with a low environmental impact and using renewable energies



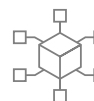
### Multi-services

Creation of an Hub Services to support users at 360° and contribute to the development of the community around the train stations



### Modal-Shift

Creation of inter-modal attracting poles to increase the number of people moving by sustainable mobility



### Technology

Development of advanced technologies to support sustainable development and provide avant-garde services.

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



### Area

### Description

### Aspiring level

#### Natural Environment

Benefits in terms of:

- Energy use and GHG<sup>1</sup> **emissions**
- **Efficient and circular use** of resources and products
- Other **ecological** impacts including 0 new land use

**-15-20%**

of CO<sub>2</sub> emissions up to 2030 due to low environmental impact<sup>2</sup>



#### Social

Benefits in terms of:

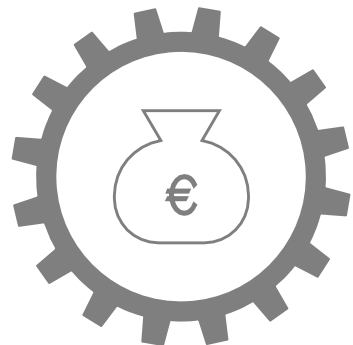
- **Diversity** and **Inclusion**
- Services for the **Community's** services
- Customer **satisfaction**

**350-450**

jobs created since the construction of the car park

**1°**

creator of integrated multi-service center in Italy with substantial benefits for all stakeholders



#### Economy

Benefits in terms of:

- Economic and financial **sustainability** of the business case
- **Economic return** on investment

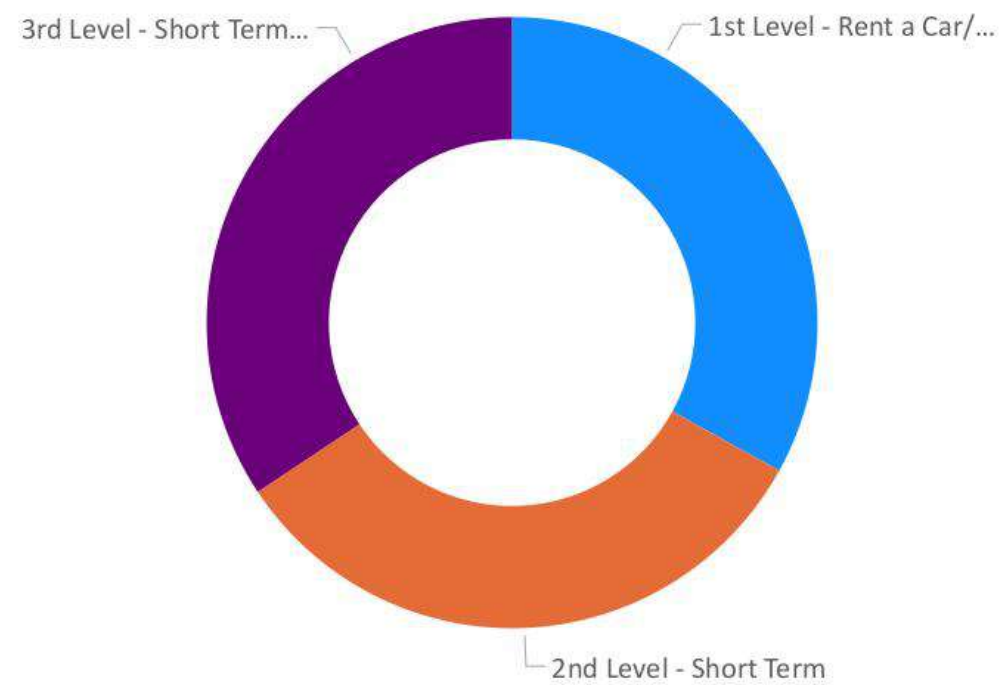
**~10**

years of payback time from investments



# Parking Data

1st Level - Rent a Car/Subscribers 2nd Level - Short Term 3rd Level - Short Term & Car...



1392 Total Car Spaces 18 Pink Spaces 24 Electric Charging

## 1st Level

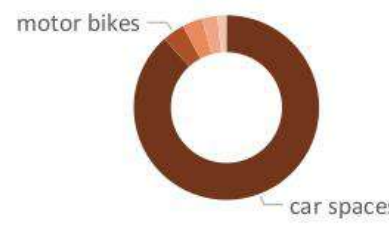
- car spaces
- motor bikes
- electric charging
- pink spaces
- spaces for disabled users



Category	Number
car spaces	460
electric charging	6
motor bikes	20
pink spaces	2
spaces for disable users	2

## 2nd Level

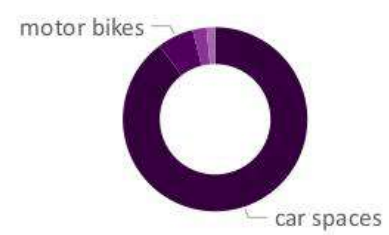
- car spaces
- motor bikes
- electric charging
- spaces for disabled users
- pink spaces



Category	Number
car spaces	454
electric charging	18
motor bikes	20
pink spaces	8
spaces for disable users	14

## 3rd Level

- car spaces
- motor bikes
- spaces for disabled users
- pink spaces
- electric charging



Category	Number
car spaces	478
electric charging	0
motor bikes	34
pink spaces	8
spaces for disable users	13

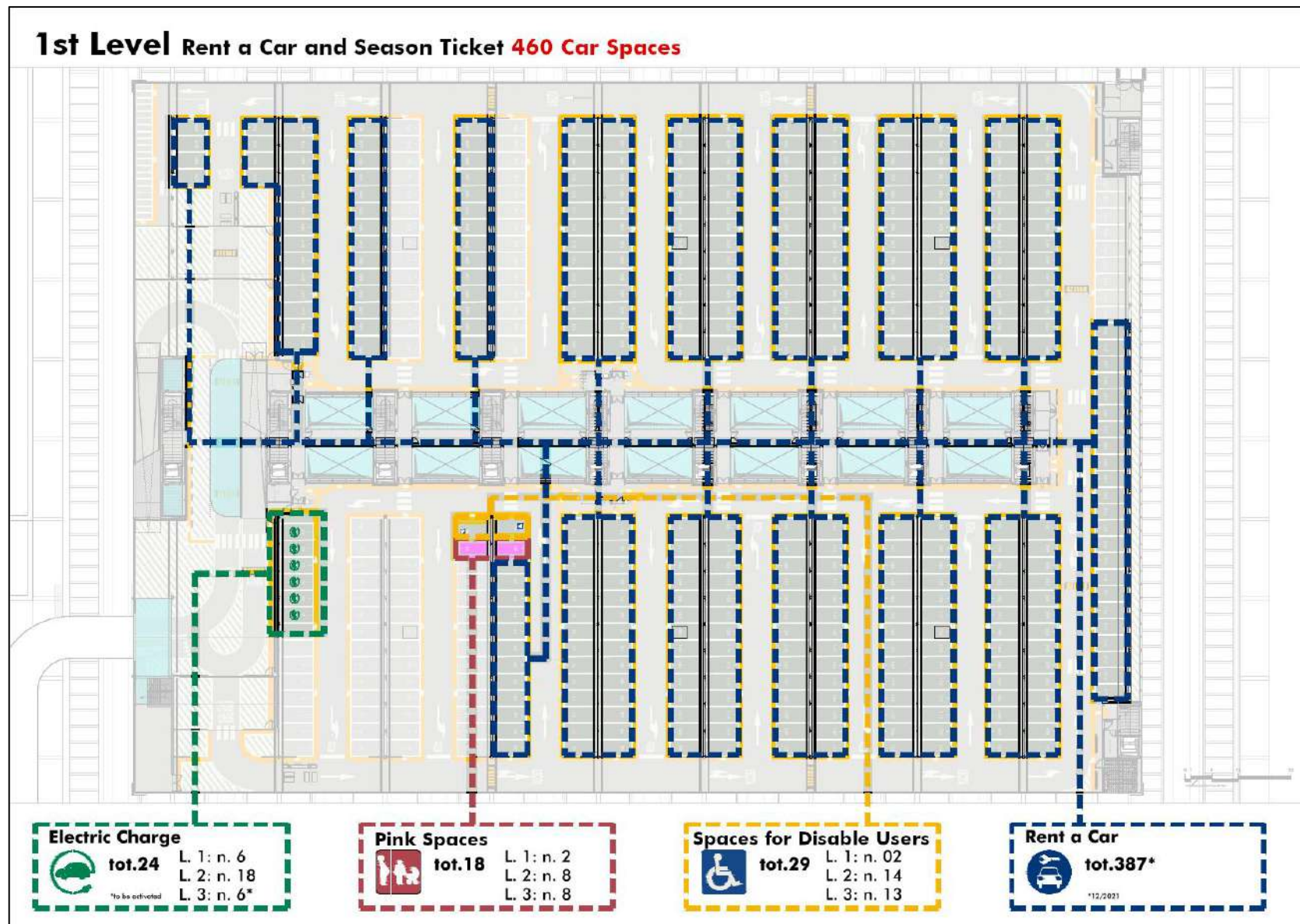
74 Motor Bikes 29 Spaces for disabled users

## 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



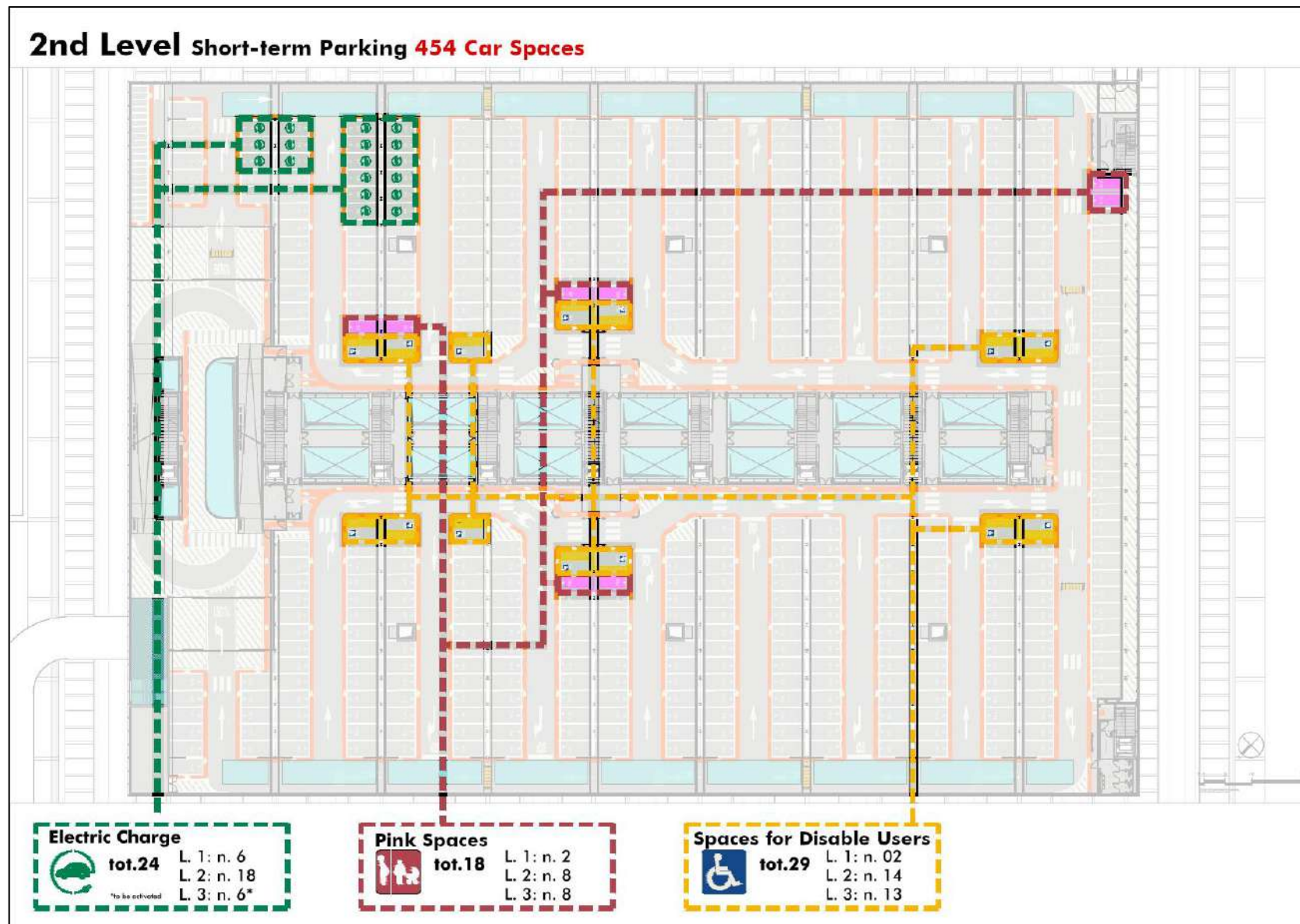


## Floor Plans

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

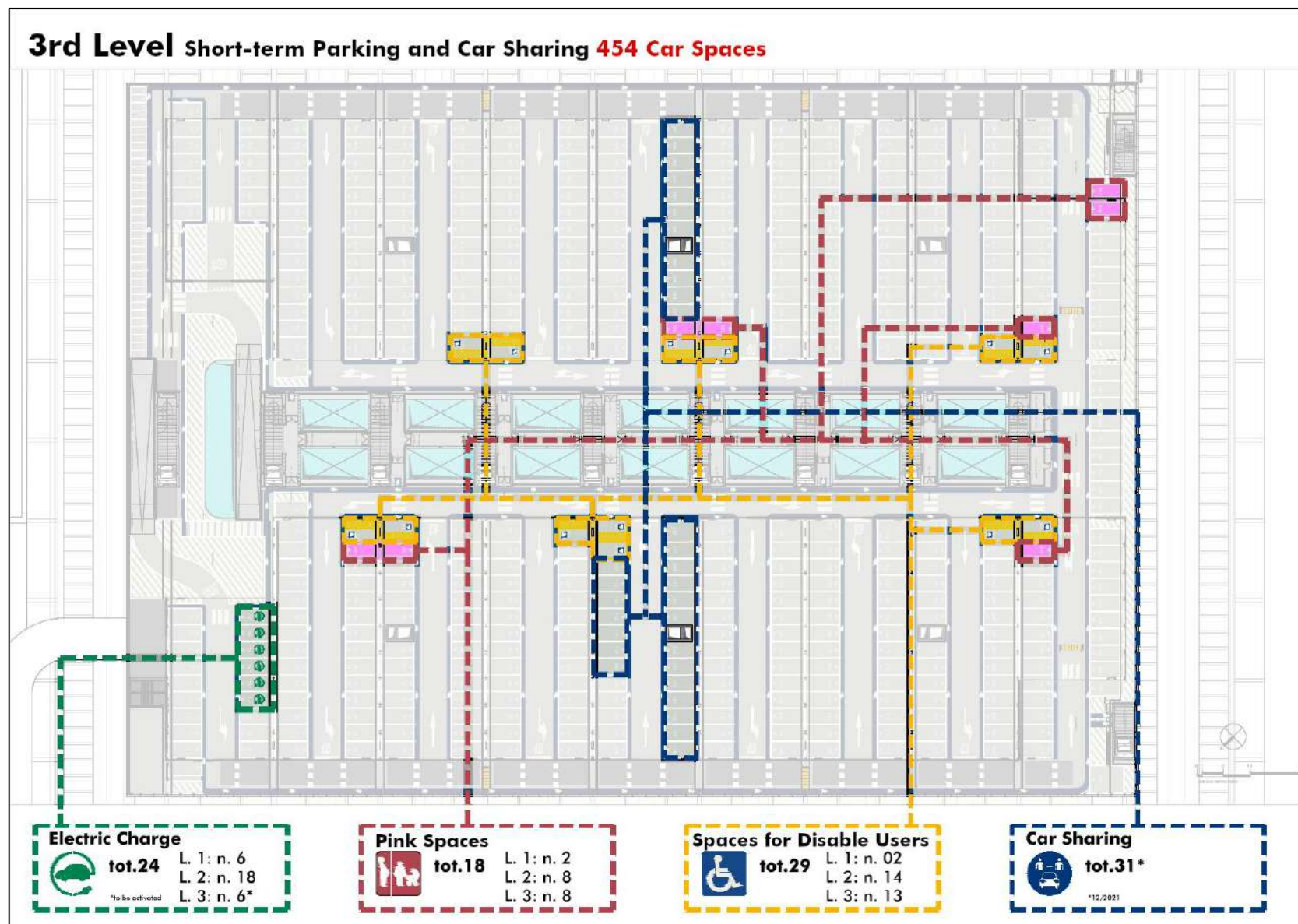


## Floor Plans

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



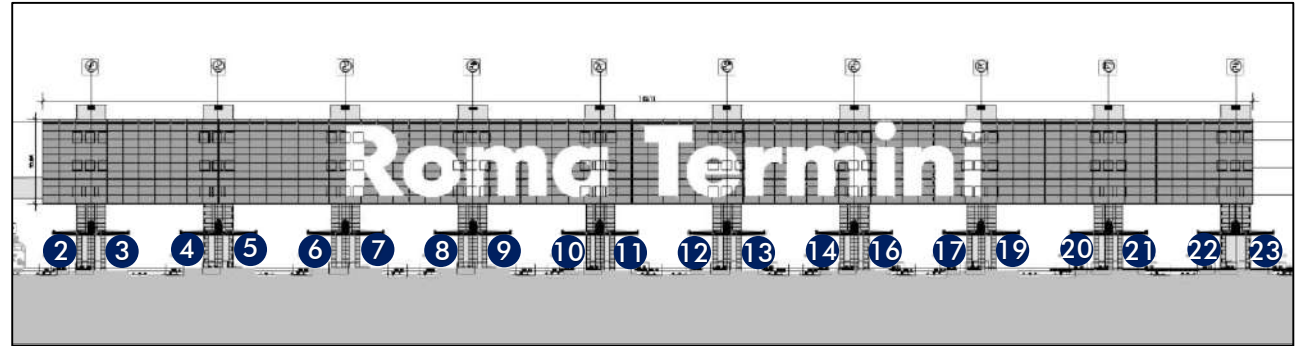


## Elevation and Section

XY Train platform numbers

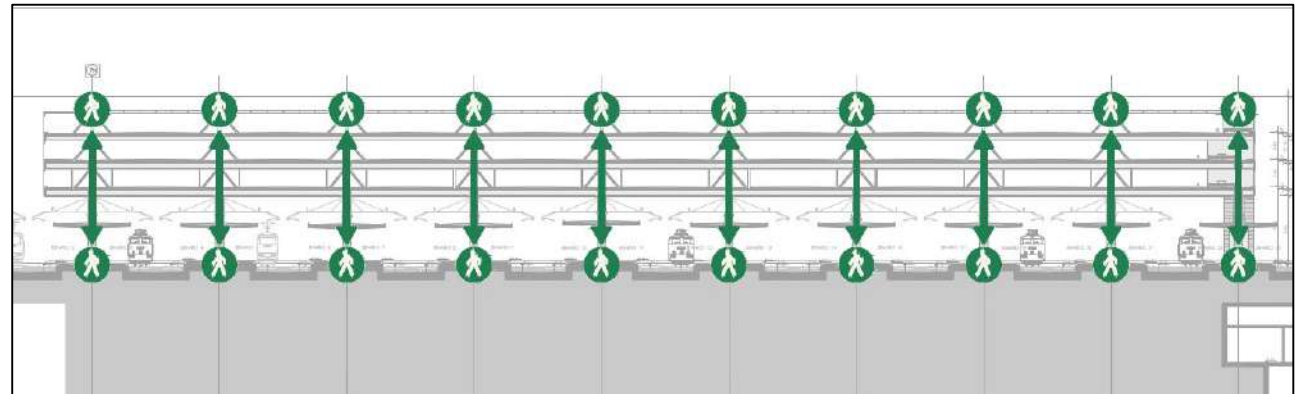
### Elevation

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



### Section

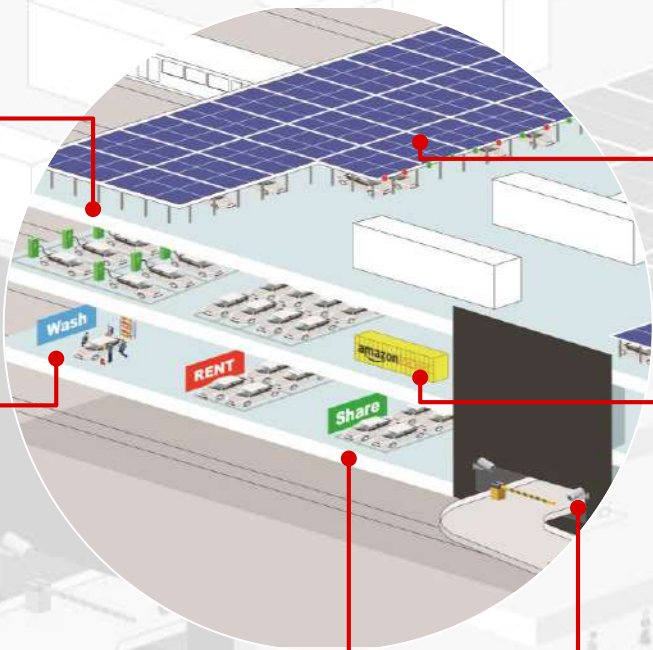
- The section shows the **direct pedestrian connection** between each **platform** and the **parking area**.





## The Vision on the Parking Termini Train Station to 2030 - Services

ILLUSTRATION

- 
- 1** 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)
  - 2** Growing demand for additional services  
**Car wash** service (60-70 washes per day)
  - 3** Growing **demand** for **shared mobility**  
  
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)
  - 4** Growing importance of **sustainability** in different dimensions  
  
**Photovoltaic panels** for electricity production (~ 10,000 m<sup>2</sup> covered)
  - 5** Significant **growth in e-commerce**  
  
**Locker for B2C delivery** (~ 100 lockers installed)
  - 6** Significant growth of **automation and digitization**  
  
**Pay as you go** payment system (~ 10-15% of payments made pay-as-you-go)

## 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)



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.