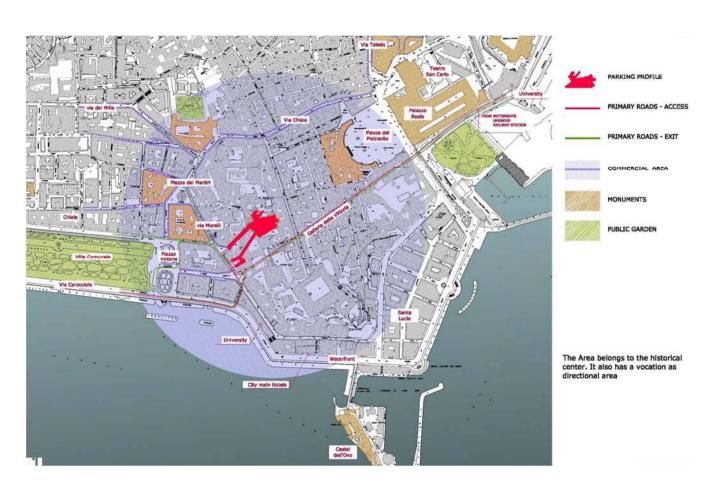


# Morelli Car Park Naples - Italy

EPA Award 2011

# City Environment

- Located in the central district of Naples
- Mainly for shoppers, tourists, hotel customers
   business men
- 436 car spaces + 30 motorcycles bays
- Planned rotation of 2.000 cars per day





## Surrounding



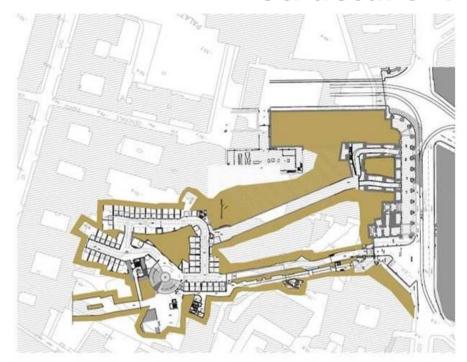




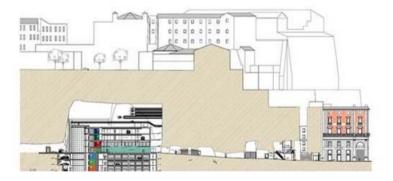
The position of the car park inside an existing cavern, connected to an ancient tunnel, dating back to the XVII° century, makes the car park an episode of urban prominence, that connects different urban spaces: the congested zone of Piazza dei Martiri with the Naples underground and its ancient footpaths.



#### Structure I



Design process was focused on the relationship between existing cavern and the new building.



The visible portion of the cavern is in the same time the external of the car park and the internal of the urban site.





#### Structure 2





- The new building inside the cavern has now 7 levels: three for private garages, three for public parking, one for car valet service
- Car access is enabled through three tunnels. The one from Morelli square is the entrance to the public parking levels; a second one for car access to private box levels and a third one is the exit for the whole structure
- Vertical access to different levels is enabled though a two-way circular ramp



#### Internal services

- Several ways of payment: coins, notes, credit cards, prepaid cards and a booking system from remote via web
- Info-point machine at each level, with assistance to customers, city centre map, cinemas, theatres, shopping areas, happenings, bus, metro
- Full range of QUICK additional services, as left luggage room, nursery room, free umbrellas, dispenser of drinks & snacks, hotel's valet, technical assistance for car, defibrillator, anti-alcoholic self test, shoeshining point









#### Safety, security & efficiency



- 160 video surveillance cameras connected to a control room
- Access control system with detection of car plates
- Automatic fire fighter Robogat, running on a monorail connected to the central operative control room
- Clearly illuminated signage
- Big numbers identifying car stalls and boxes



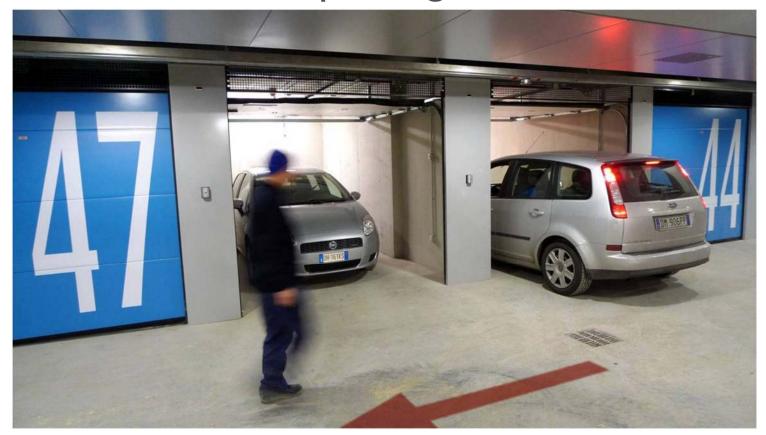
# Public parking area



- 3 levels for public parking (197 car + 30 motorcycles spaces)
- I level for car valet service (63 spaces)
- Parking floors finished with resins of different colors



## Private parking area



- 3 levels for a total of 176 large individual garages
- Big numbers identifying individual garages
- Special entrance to private levels



## Supervision & Control room



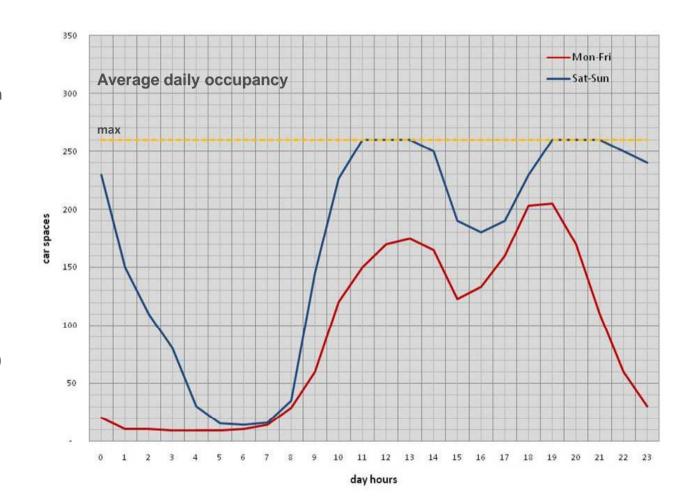
- 24 hours / 7 days operation
- Control room connected with 160 cameras and 7 info-points
- A remote supervision from Quick national operational center



#### Information

#### **Fares**

Day tariff 4 €/h
Max day tariff 36 €
Month tariff 300 €



**Planned cars:** 2.000 cars/day; 730.000 short term users per year





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