

## **EPA Award 2011 On-Street Parking**



### **Innovative Integrated Parking Management in Lisbon Historical Neighborhoods**

EMEL – Portugal - Lisbon



# PROJECT DESCRIPTION

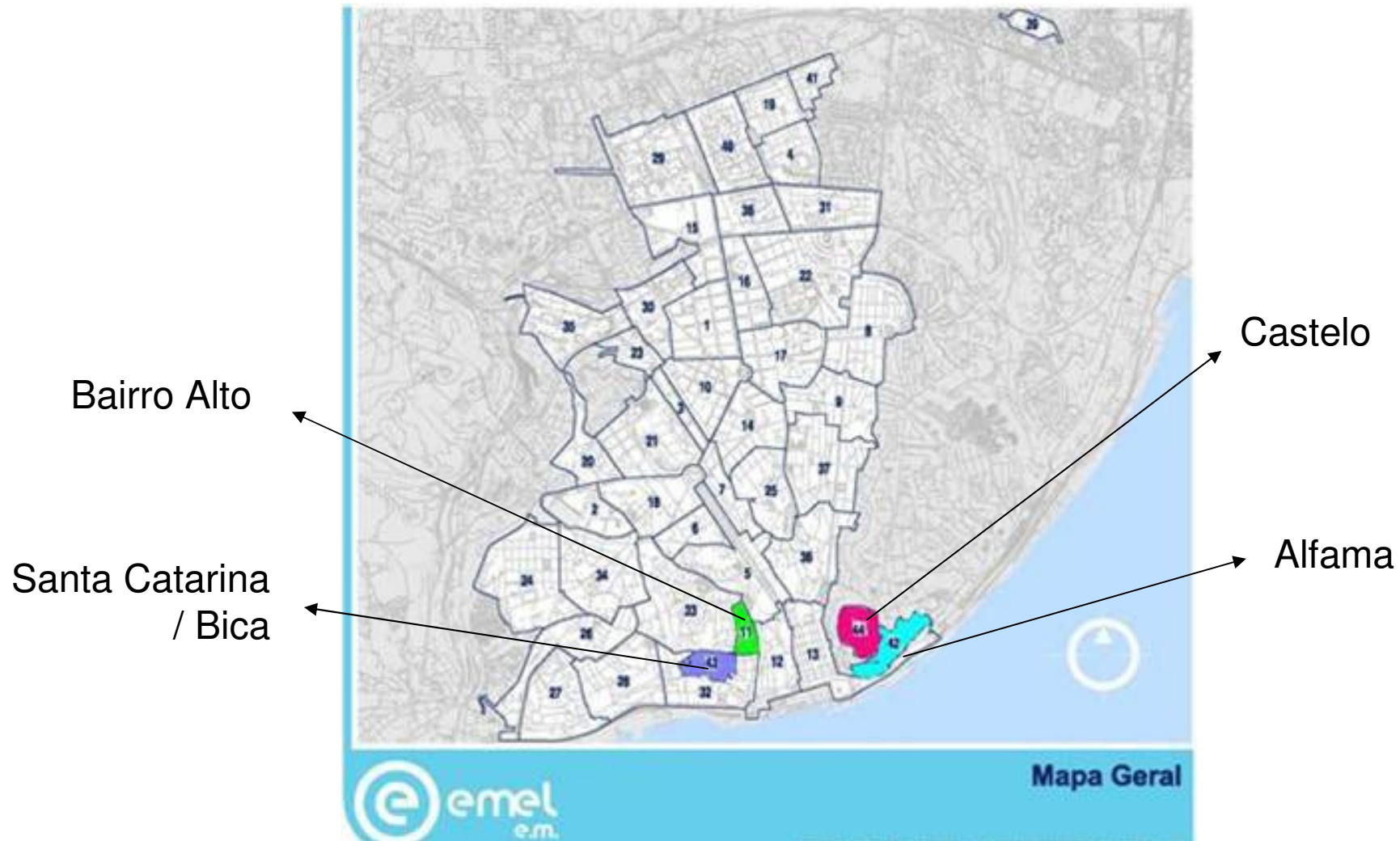
- In old Historical Neighborhoods with alleys, stairways and narrow streets
- Based on conditioning the traffic access with hydraulic bollards remote controlled
- On-Street Parking inside the neighborhood was ordered and restrained
- Giving priority to Residents and promoting more pedestrian activities



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# LOCATION



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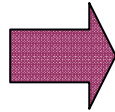




# GOALS

## IMPROOVE

- Accessibilities
- Circulation
- Parking
- Security
- Life Quality

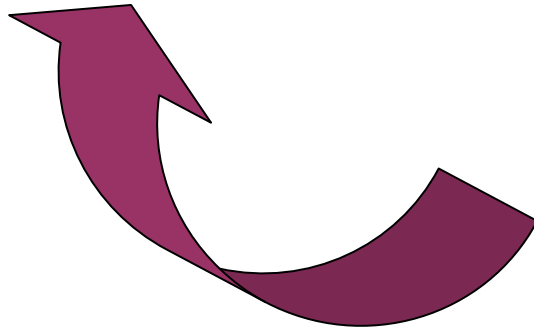


## Obtain

- . Mobility
- . Parking Policy as part of transport policy
- . Customer satisfaction

## Strive

- Chaotic Parking
- Vandalism
- Degradation of public space

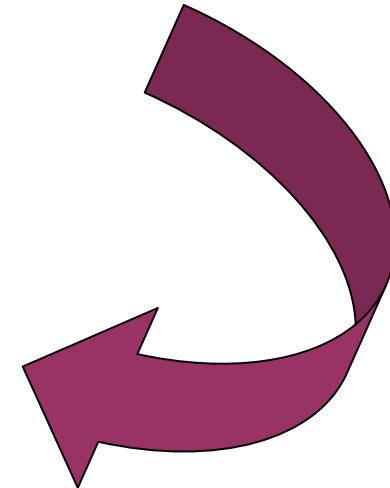


## Means

Conditional Access with the use of RFID, Via Verde, and remote access control technologies

Parking Surveillance with the use of Parking Fines, Wheel Clamping and Removals.

24 hour, 365 days a year Control Center providing information and statistics (SCAE)

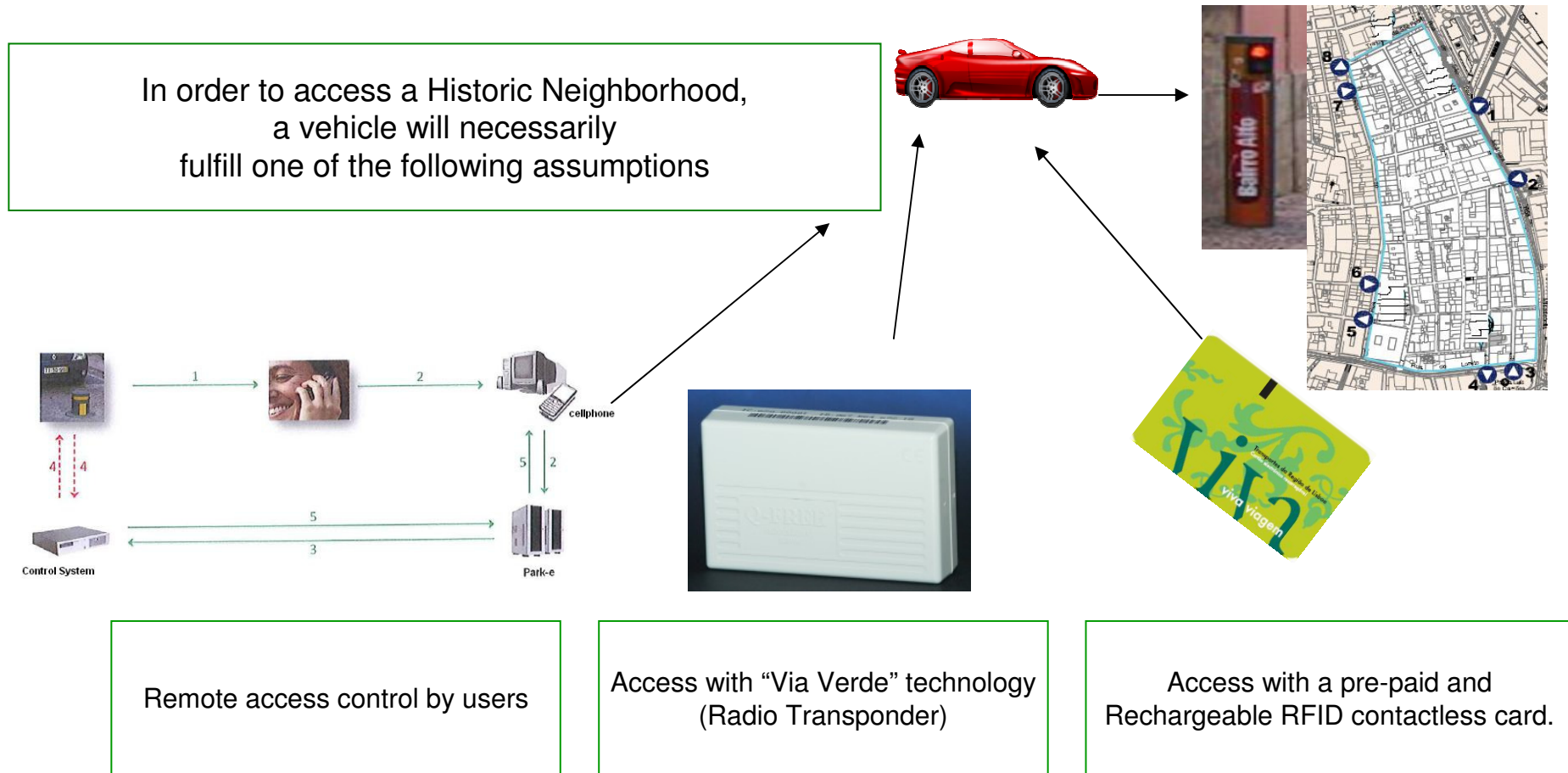


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# ACCESSIBILITY CONTROL TECHNOLOGIES



**Parking Surveillance** with **resident card** on the windshield



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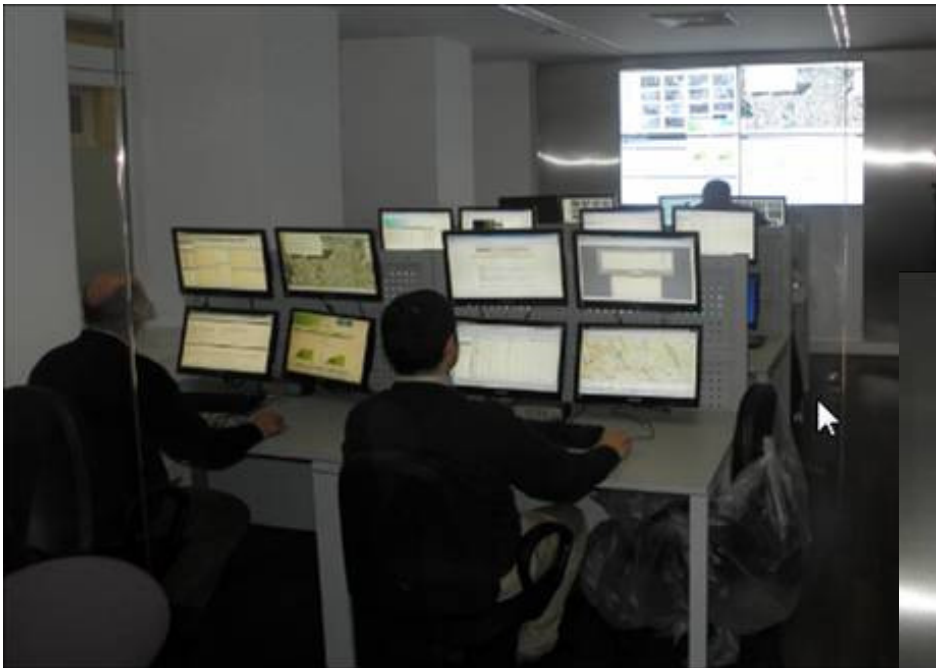
User friendly for residents and pedestrians

## Fully integration with public transport services





# CENTRALIZED CONTROL CENTER (SCAE)



# SUMMARY

## Main innovative aspects:

- **Multifunctional access permits** (Residents, Goods Delivery, Visitors and Social Welfare)
- **Combined different access technology** (RFID card, Via Verde Transponder, remote control)
- **Fully integrated centralized control system**
- **Integration on the city public transportation card system** (Lisboa Viva)

