



Ayuntamiento
de Málaga



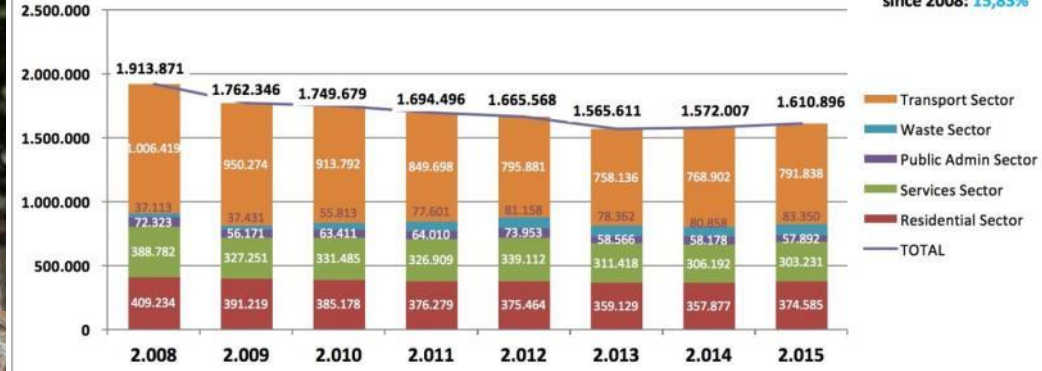
Parking as Catalyst for Urban Mobility Innovation

Sept. 2018. Prague

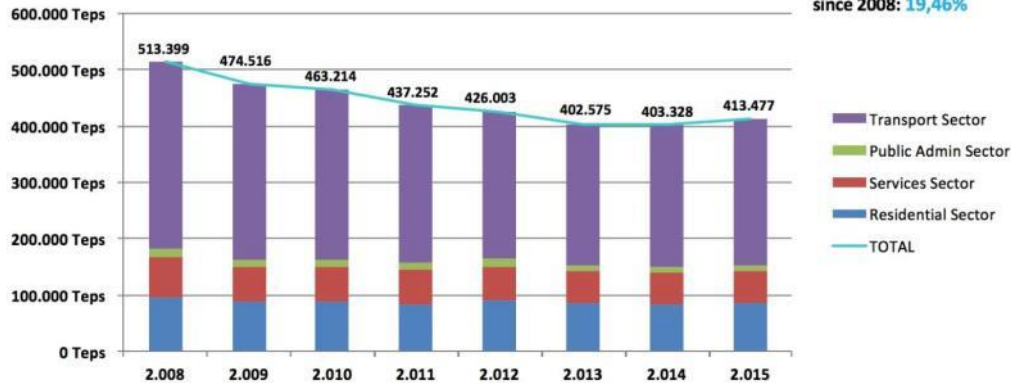




HISTORICAL CO2 EMISSIONS



HISTORICAL ENERGY CONSUMPTION



PLANNING

- The 2nd Strategic Plan
- PGOUM
- Local 21 Agenda
- Sustainable Urban Mobility Plan
- Sustainable Energy Action Plan



SMASSA (municipal parking and services company)

- Parking lots
- Regulated outdoor car parks
- Crane service
- Abandoned vehicles
- **New Services**





NEW SERVICES (some facts - 1)

- Mobility trend in urban centres: + public transport & less private vehicles
- Parking cannot be left out of the new mobility trends
- Access to the City centre for private vehicles will be more and more difficult for conventional ones. Electric vehicles will be favoured at least in the short-mid term





NEW SERVICES (some facts - 2)

- E-commerce: citizens can be at work when a product has to be delivered to their home
- Increasing number of tourist apartments in the City centres
- Future of the Cities are linked to innovation and new technologies.
- Car parks are implemented in key locations.





NEW SERVICES

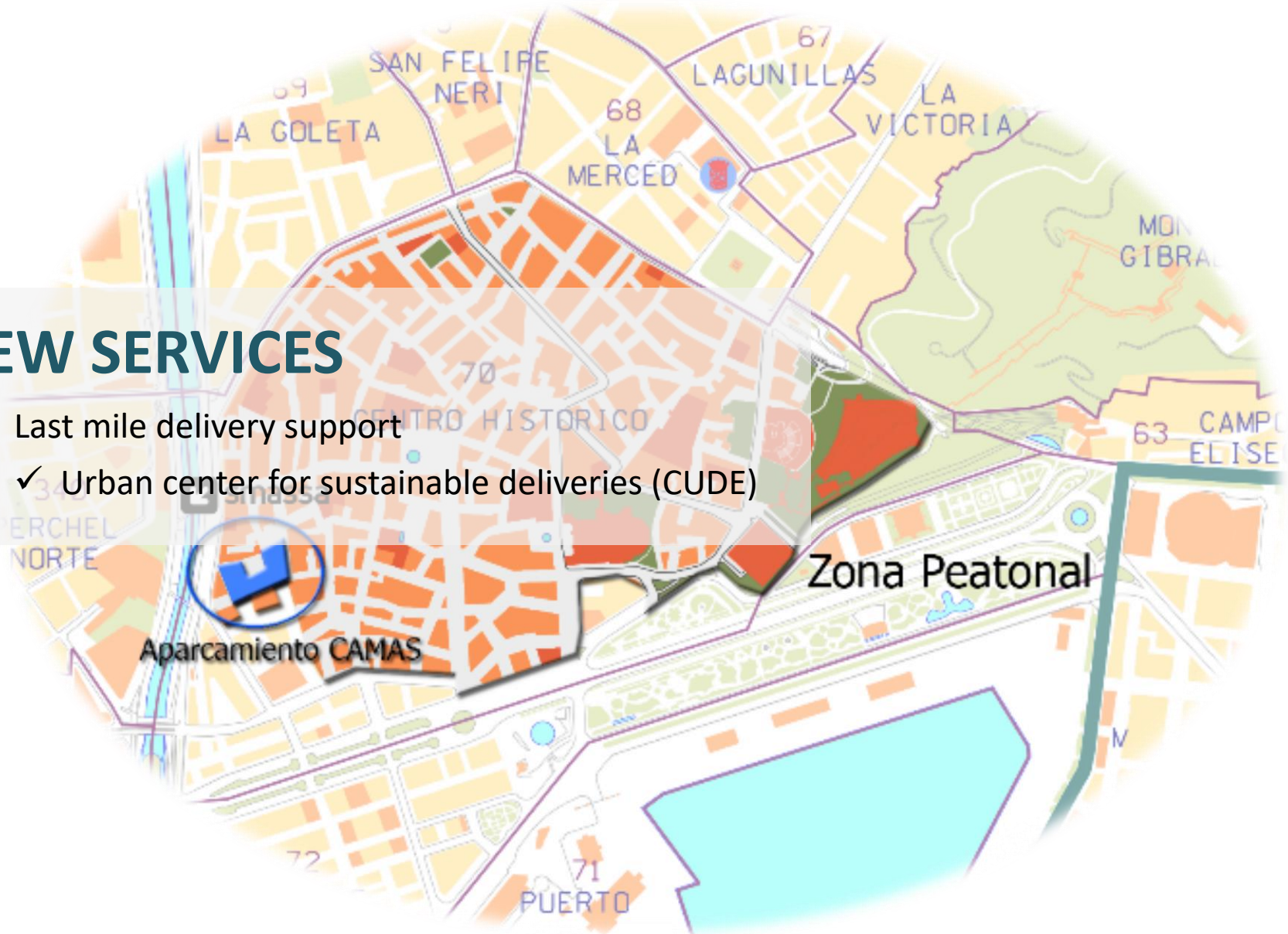
- Last mile delivery support
 - ✓ Smart lockers for last mile deliveries (Amazon, Post Companies, DHL,...)
 - ✓ Smart key lockers for owners and users of tourist apartments (Key bnb,...)





NEW SERVICES

- Last mile delivery support
 - ✓ Urban center for sustainable deliveries (CUDE)





NEW SERVICES

- Last mile delivery support
 - ✓ **MEISTER** European Project (800.000€ EU funding)
- Using the municipal parking lots located in the perimeter of the urban center as intermodal nodes between mid size trucks and small electric vehicles to facilitate last mile distribution and delivery of goods





NEW SERVICES

- Electric mobility support
 - ✓ Charging infrastructure in car parks and outdoor parking lots for:
 - ✓ Last mile delivery in small electric vehicles
 - ✓ Private EV owners
 - ✓ Electric car-sharing / moto-sharing companies
 - ✓ BEV ID Card
 - ✓ 45min. of free parking for BEV in Municipal Car Parks.
 - ✓ Free parking in blue zones (outdoor regulated parking lots)
 - ✓ Exclusive car parks for EV on public roads
 - ✓ 75% discount on the annual tax for BEV
 - ✓ Access allowed to BEV to restricted areas





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