

Digitalization of the manual sweeping service: E-CARR



Capital
Digital



01.

The project in the framework of the
Digital Transformation Strategy

Madrid, Digital Capital

The Project and Madrid, Digital Capital

Framed in the Digital Transformation Strategy of the Madrid City Council.

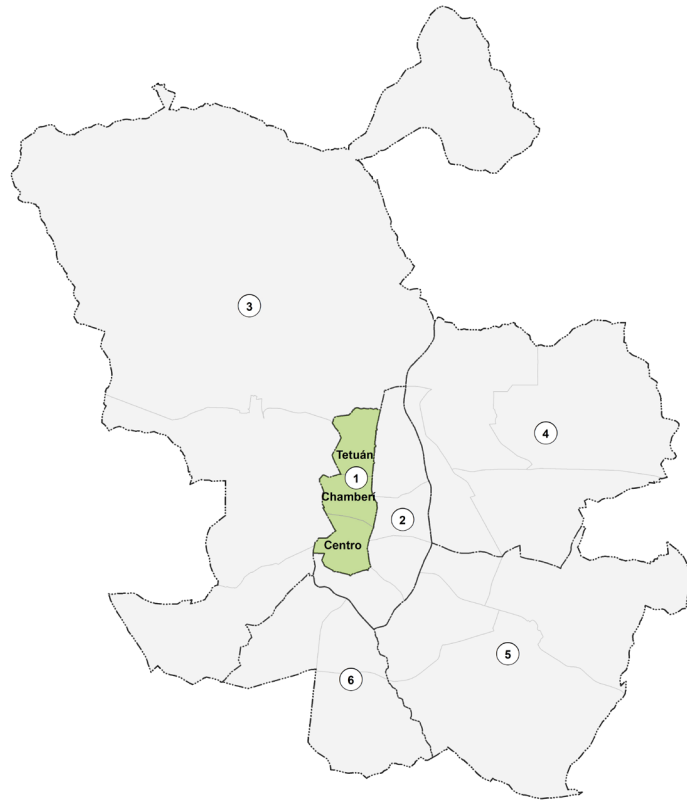


02.

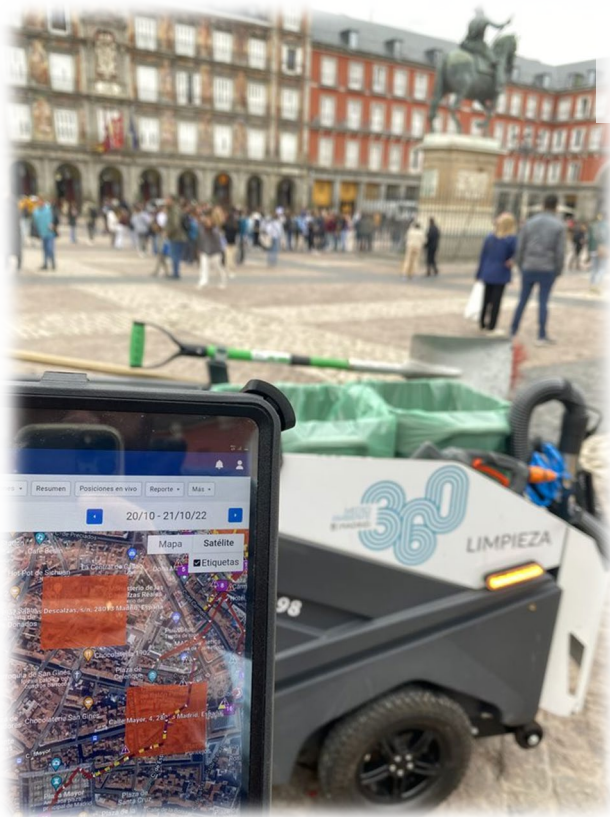
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Cleaning of Public Spaces LOT 1 - PREZERO



DIGITALIZE OF SERVICES



GEOLOCATION

SENSORS

INCIDENT COMMUNICATION TECHNOLOGY (mobiles/tablets)





LED LIGHTING

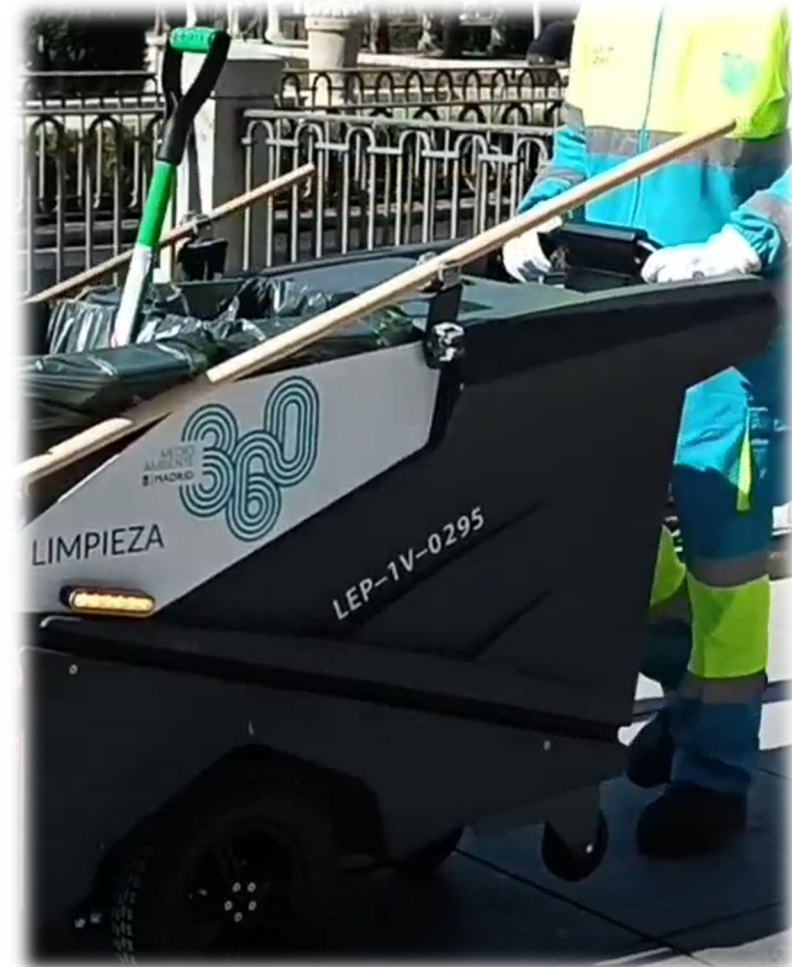


FAIRING AVOIDING SHARP EDGES





ELECTRIC PUSH AND ERGONOMICS





PRESSURE WASHER SYSTEM



SUCTION SYSTEM





GENERAL CHARACTERISTICS OF THE TROLLEYS

➤ SMART CONCEPT - NEW TECHNOLOGIES

- Alerting and incident applications and mobile devices
- GPS Geolocation

➤ COMFORT CONCEPT - IMPROVEMENT OF WORKING CONDITIONS

- Ergonomics
- Electric thrust, speed regulation and weight control

➤ ENVIRONMENTAL CONCEPT - IMPROVEMENTS FOR THE ENVIRONMENT

- Separation of sweeping waste

➤ SAFETY CONCEPT - IMPROVING SAFETY FOR WORKERS AND PEDESTRIANS

- Instant braking, lighting and signalling system