



PUBLIC CAR PARK DATASETS

Real-time availability of data related to the state of parking occupancy in cities.

HOW CAN YOU USE IT?

- Mapping of **free public parking spaces**
- Calculation of the **parking price dynamically**
- **Improvement of multimodality** in urban transport

POTENCIAL IMPACT

SAVE TIME AND MONEY:

- In 2017, the time spent on finding a parking space cost an average of €1,400 for each German driver.

* **Source** INRIX Research (2018)

- In Madrid, each user loses an average of 20 minutes to park and 32% of the fines are due to incorrect parking.

***Source:** Bosch (2017)

REDUCE THE ENVIRONMENTAL IMPACT:

- Just in 15 blocks area of Los Angeles, the excess of km to look for parking spaces produced more than 730 tons of CO2 in a year.

* **Source:** The High Cost of Free Parking



EXAMPLES OF DATASET USE



Málaga

Real-time publication of occupancy data of 14 public car parks.



S. Francisco

Charging system for city parking spaces based on users' demand.



PaRkopedia

Aggregates parking spaces data in 15,000 cities in eighty-nine countries.

WHAT ARE THE NEXT CHALLENGES?



**Autonomous car
management**



**Collaboration
between nearby
cities**



**Predictive
systems**



FIND OUT MORE ABOUT PUBLIC PARKING SPACE DATASETS IN THE REPORT: **“OPEN DATA IN REAL TIME: USE CASES FOR SMART CITIES”**