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# The advent of smart parking in smart city

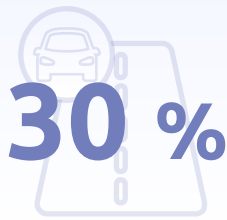
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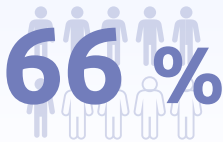


## The search for a parking space, the motorists' pet peeve



**30 %**

of large city traffic caused by drivers  
looking for a parking space



**66 %**

of people avoided going to the city  
for fear of not finding parking

### In France

**30 minutes**  
/week

Average time lost  
looking for a parking space



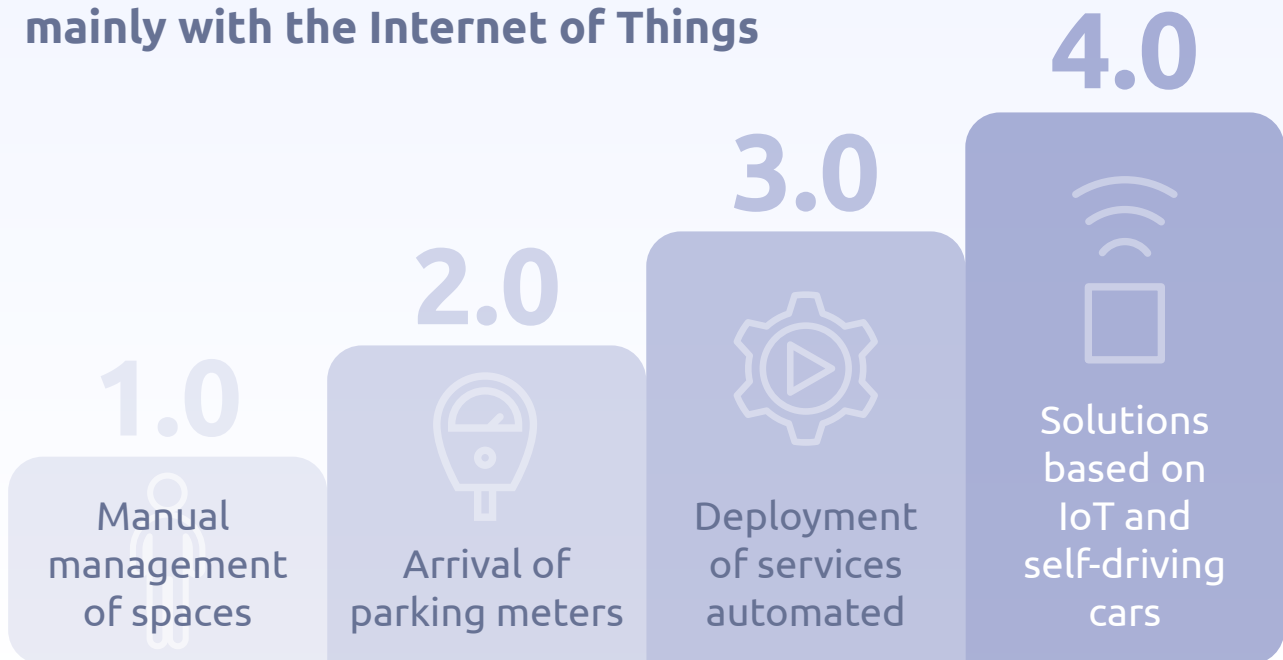
**30 %**

spend almost  
an hour a week

# Goal : Make existing parking more accessible

## How ?

Thanks to the 4.0 technology,  
mainly with the Internet of Things



**3x**

more smart parking spaces  
on the streets between 2019 and 2028.

## The global market for intelligent parking

**4,9 Bn \$**

In 2018

**11,6 Bn \$**

In 2024

## Results : Fluidized traffic and better air quality

Currently :

**1/3**

of vehicles are looking for  
a parking spot in the city

**60 %**

of urban pollution  
from these vehicles

Thanks to Parking 4.0 :

**- 43 %**

of search  
time

**- 8 %**

of urban  
traffic

**- 30 %**

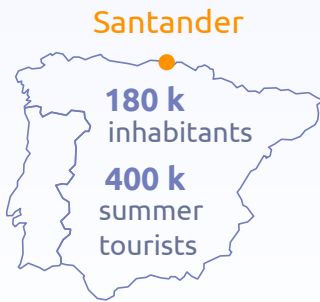
of urban  
pollution

**+ 93,70 \$**

of revenues  
per parking space

# Illustration : Smart Project Santander, IoT Lab City

## Project description



**2010**

Launching the project

**11 M\$**

allocated by the EU



## On-street parking



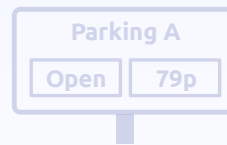
**400**

buried sensors



**13 500**

reports per day of occupied parking spots



**10**

LED panel installed



**1**

Direct payment via a mobile application

## Observed result

**- 80 %** of traffic jams

Infographic realized by **LYKO**, expert in Mobility as a Service (MaaS), offering powerful tools to connect to mobility services worldwide.

## Sources :

OnePark, Orange, [iot.electronicsforu.com](http://iot.electronicsforu.com), Centre d'études sur les réseaux, les transports, l'urbanisme et les constructions publiques (CERTU), Research & Markets, guidehouseinsights, HARRIS INTERACTIVE, Ector, gmsa, IBM Parking Pain Survey, Vanguardia, El país, [eu.smartcitiescouncil.com](http://eu.smartcitiescouncil.com), University action LAB, Governing, EC Europa