



TO PARK IS **TO SHARE**





# PARKING solutions for all of us in Brussels

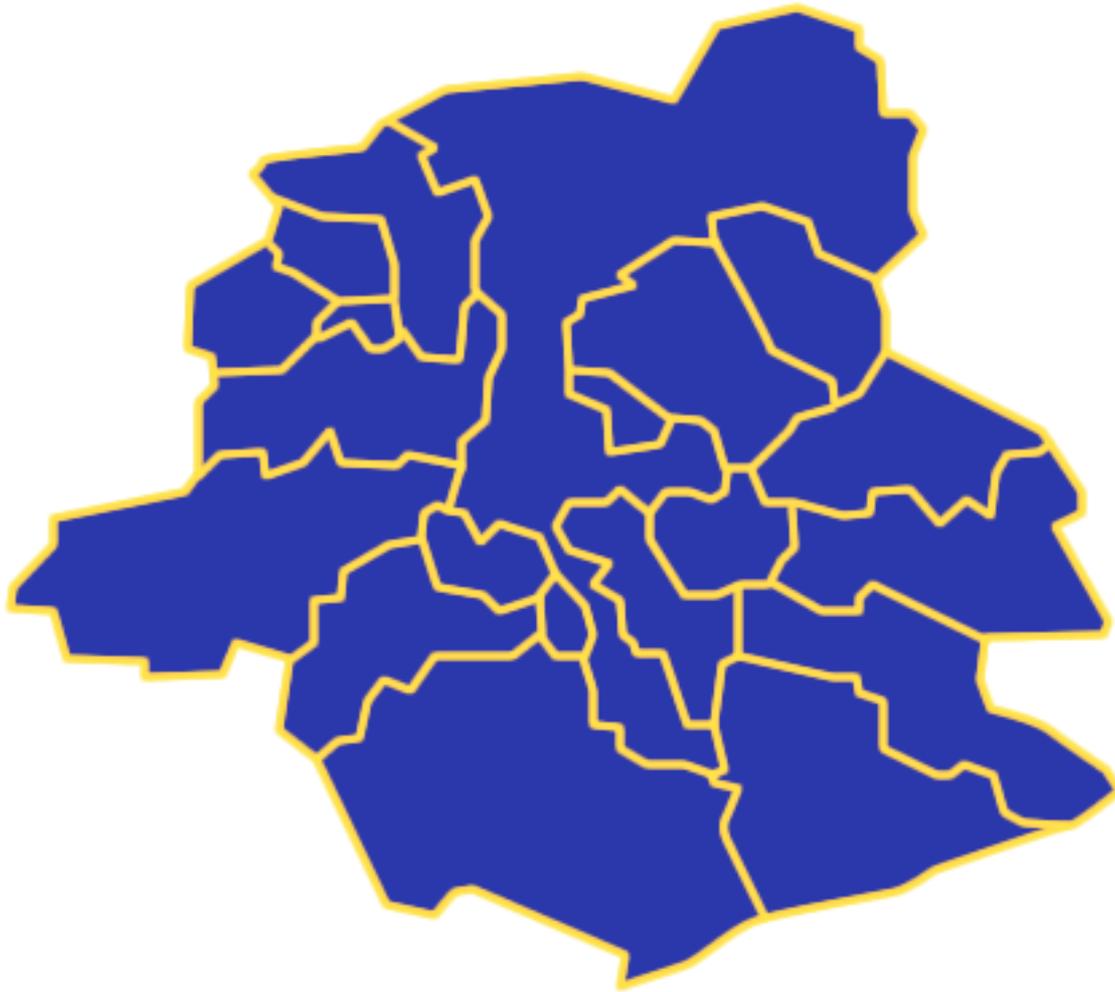




*Ceci n'est pas une pipe.*

*Magritte*

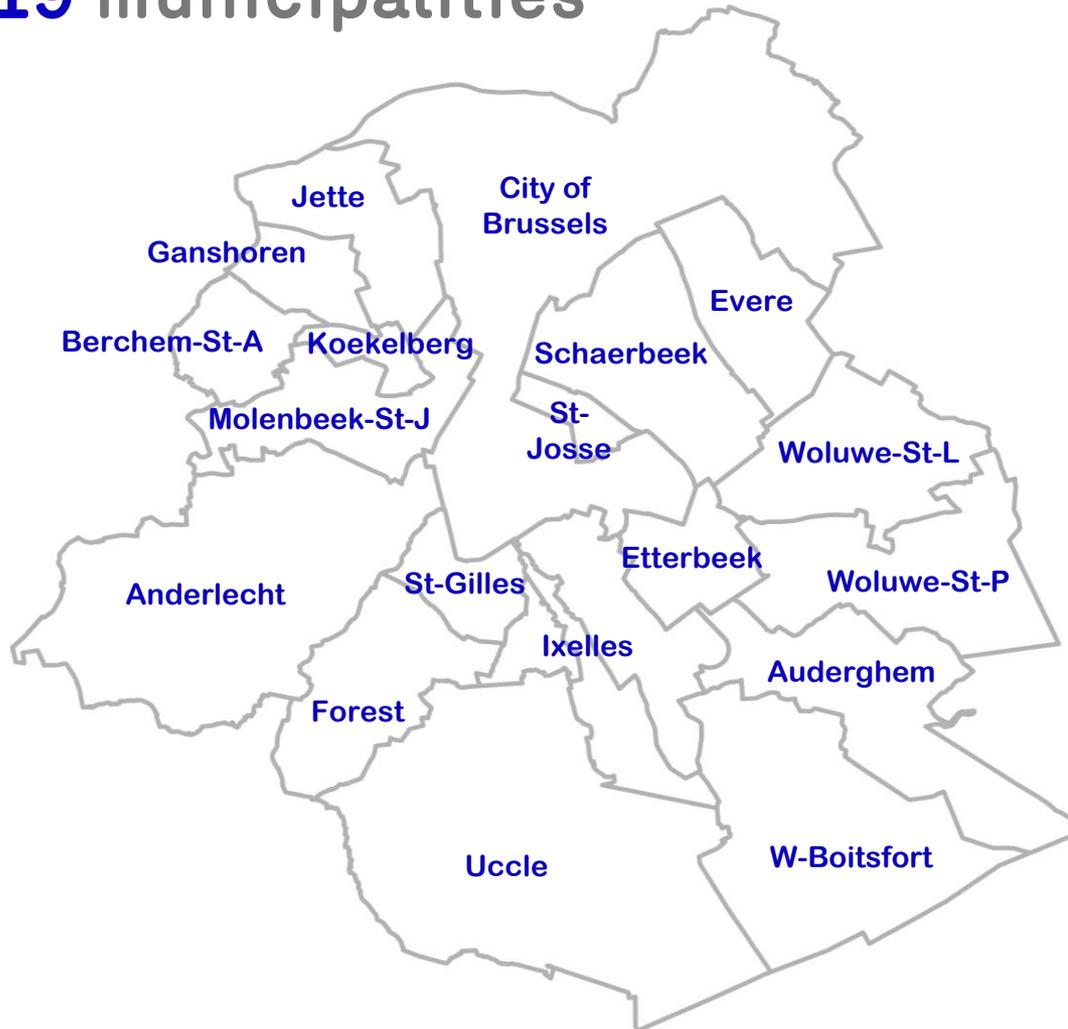
# CECI N'EST PAS UNE VILLE



be.brussels 



... **19** municipalities



... 19 ways to  
manage data

... 19 parking  
regulations

... 19 approaches  
towards citizens



**Brussels  
is about**

**25,000 spaces in public parkings**

over 20,000 retails    96,000 companies    540,000 households

**265,000 on-street spaces**

1,200,000 inhabitants    690,000 employees    161 km<sup>2</sup> of city area

200,000 parking spaces in office buildings    515,000 registered cars

**Over 500,000 off-street spaces to park**

350,000 commuters    95% occupied on-street spaces at midday in the center

0 coach stations    **creating 15,000 new bicycle spaces**

800 roundtrip carsharing vehicles in 2020

**10,000 P+R spaces in 2019**

**and...**



 parking.brussels   
agence du stationnement | parkeeragentschap

- **Brussels Regional Parking Agency** since 2014
- Car drivers and cyclists need a harmonization, clarity and sufficient parking supply

# PARTS OF OUR SOLUTION

Beyond clichés

1



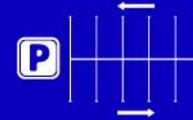
4



Direction  
Smart Parking

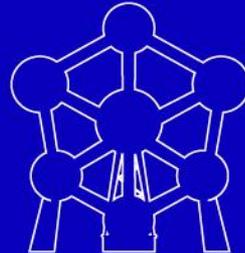
TOWARDS  
DIGITALISATION

3



2

Facing the  
challenges





➤ J'AI LE DROIT DE ME  
PARQUER DEVANT CHEZ MOI

➤ 265,000 on-street parking  
spaces in Brussels

➤ 1 space per 5 inhabitants



➤ **LE STATIONNEMENT  
COÛTE CHER**

- In trying to park free ourselves, we've end up paying for everyone else's parking
- Donald Shoup: 'The high cost of free parking' (US)



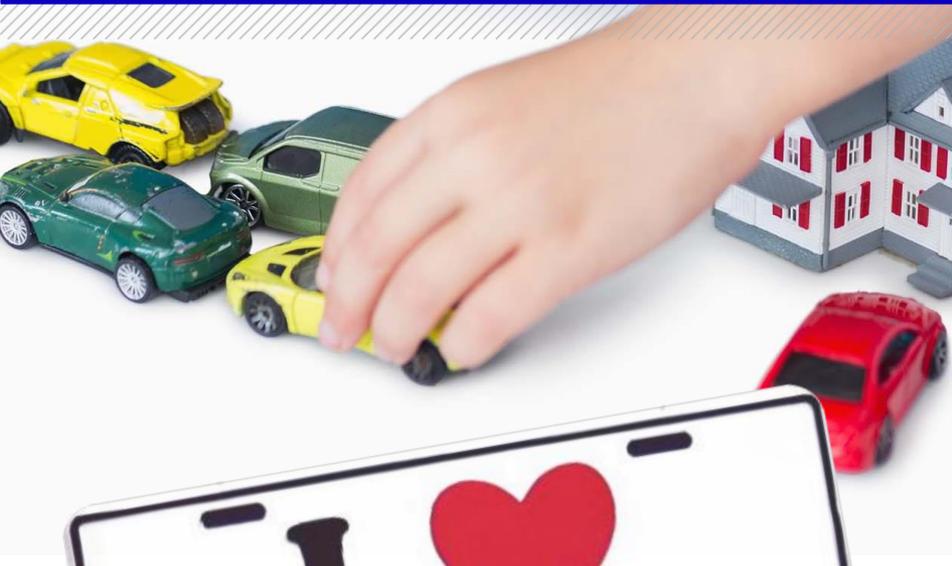
➤ **LE STATIONNEMENT PAYANT EST MAUVAIS POUR LES COMMERÇANTS**

➤ **Accessibility is not necessarily related to more available parking capacity**

➤ **Giuliano Mingardo, Jordy van Meerbeek (Rotterdam)**



# FACING CHALLENGES





## ➤ TIME FOR A CHANGE





- THE EXISTING BIKE PARKING FACILITIES ARE SATURATED
- REAL DEMAND FOR SAFE, ERGONOMIC AND MAINTAINED BIKE PARKINGS

- BICYCLE USE RAISES EACH YEAR 4% IN 2016
- CYCLING AS ALTERNATIVE TO USE OF THE CAR

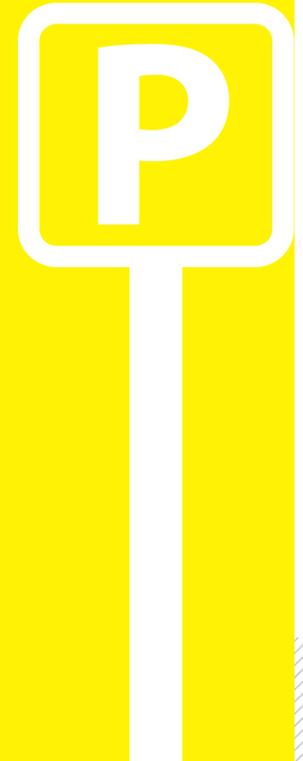


➤ **HOW CAN WE MAKE FINDING A PARKING SPOT LESS STRESSFULL AND SAFER ?**



➤ **Technology offers many possibilities**

➤ **Towards digitalisation of the tools**





## ➤ TOWARDS A HARMONISATION WITH PERFORMANT EQUIPMENT

- Creation of ONE payment option for the whole Region through a platform for digital payment (pay through SMS/app)
- Enforcement management: Personal Digital Assistant (PDA), scan car, ...
- Digital processing:  
request parking permit, monitoring and handling, parking charges payment, handling complaints, partly automated written answers

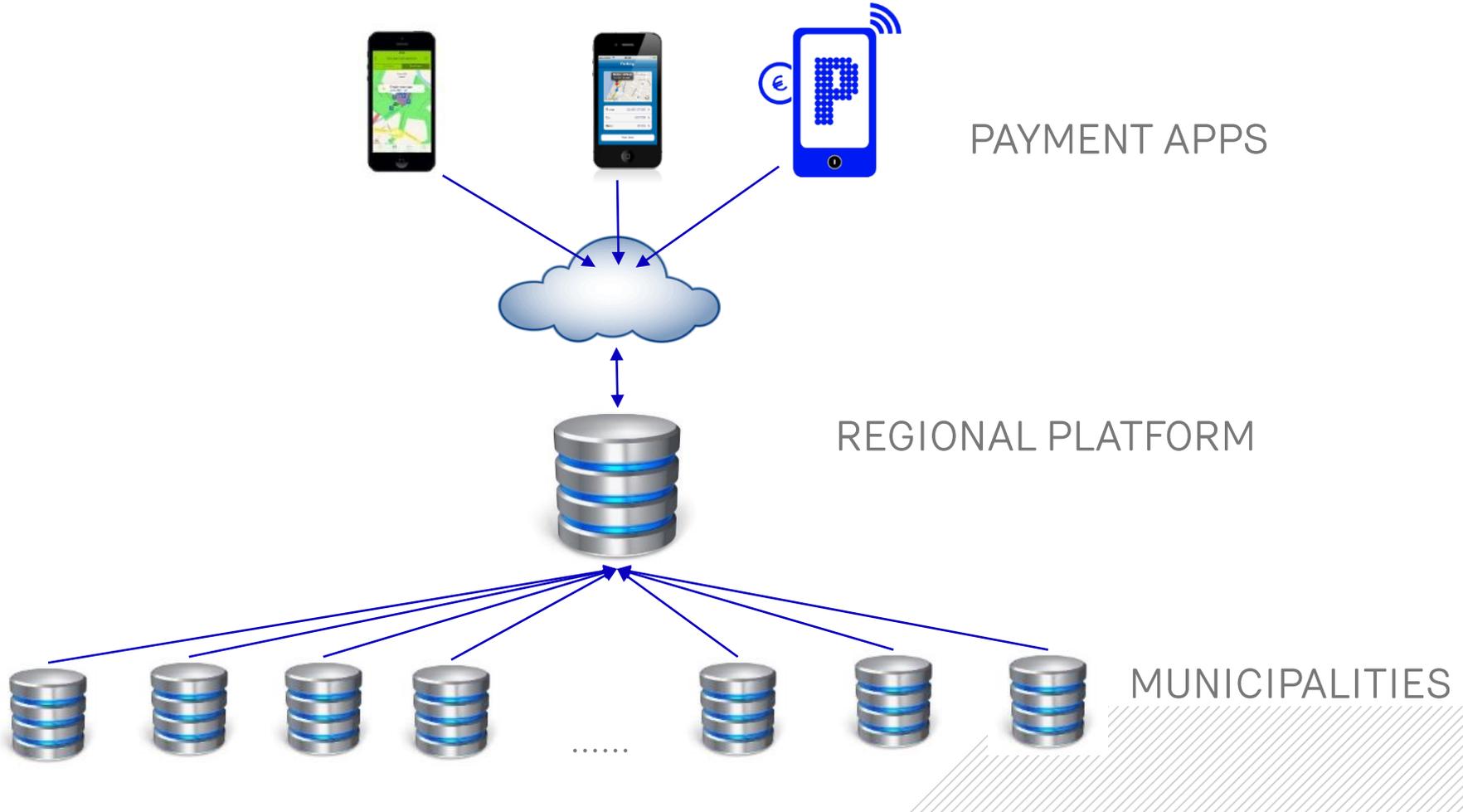


## Brussels Initiative for Parking Solutions • BIPaSS

- **Central hub**
- **Connecting all parking parameters:** mobile applications, P&D machines, resident cards, and parking attendants' handheld devices.
- **Smart Mobility System:** combine data from parking options + can be linked to public transport, car or bicycle sharing, ...

## ONE PAYMENT OPTION FOR THE WHOLE BRUSSELS REGION

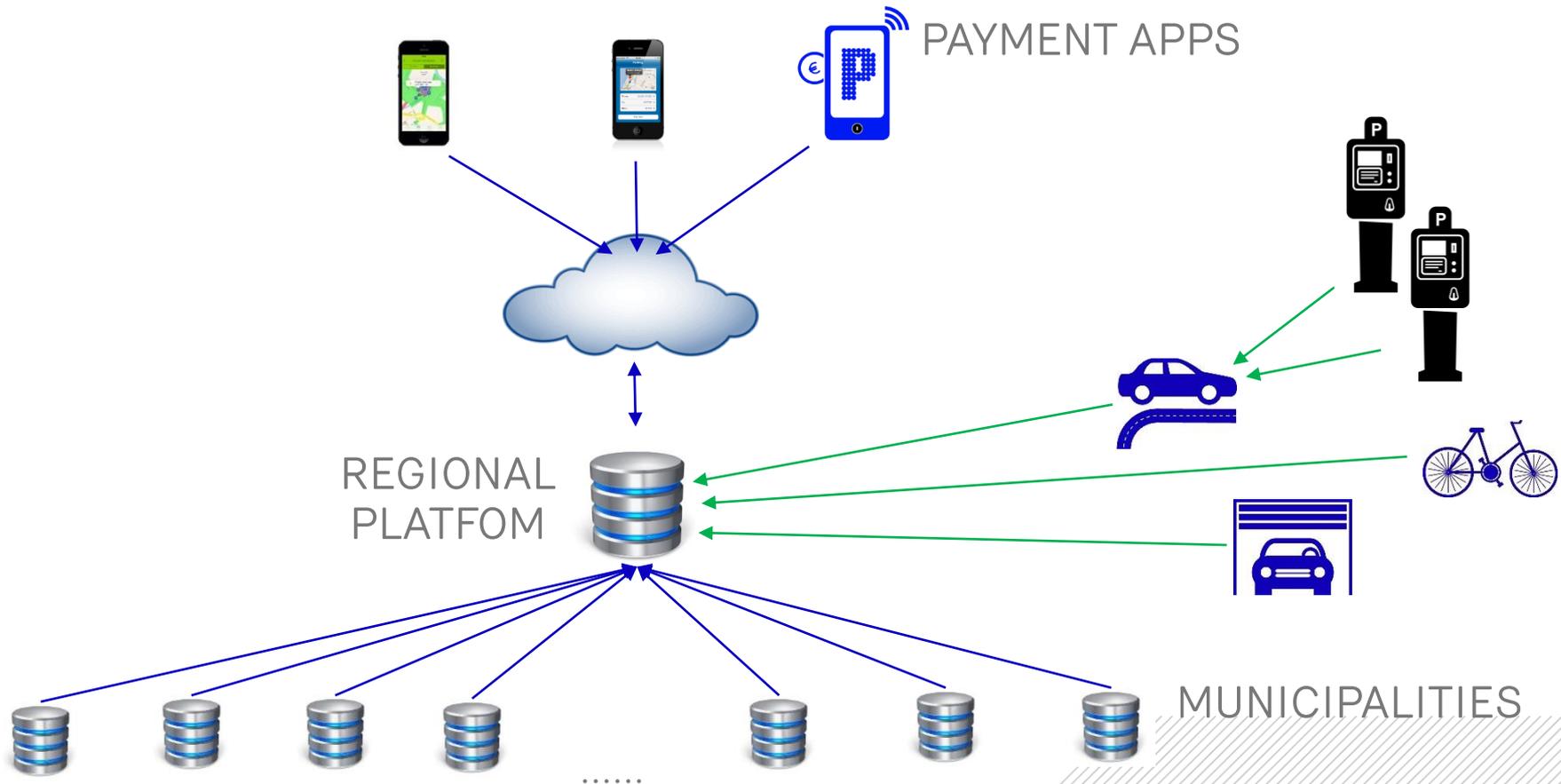
Creation of ONE mobile payment option for the whole Region through a platform for digital payment





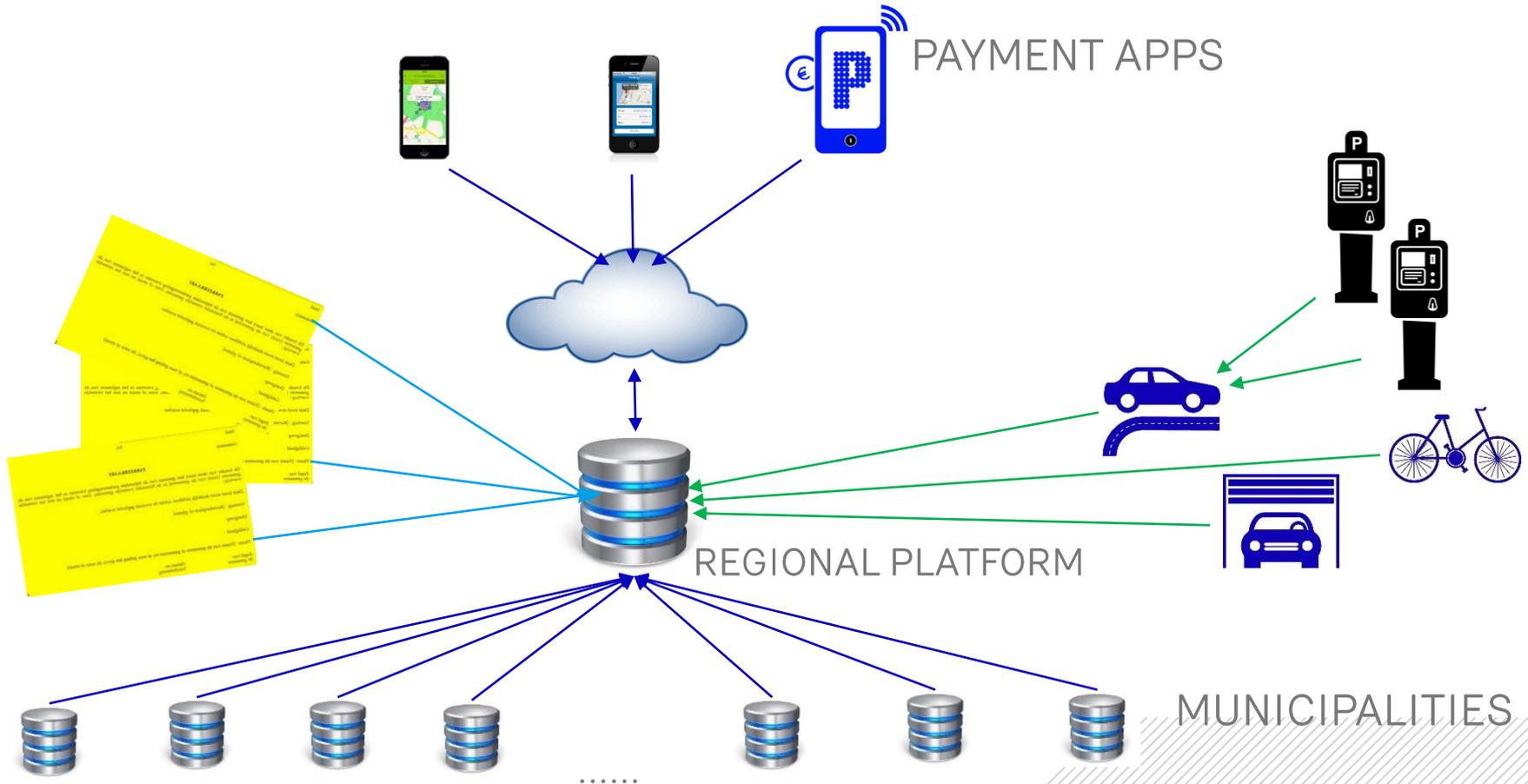
## CONNECTING ALL OF THE PAYMENT METHODS IN BRUSSELS

P&D machine, sms, internet, parkings, etc.

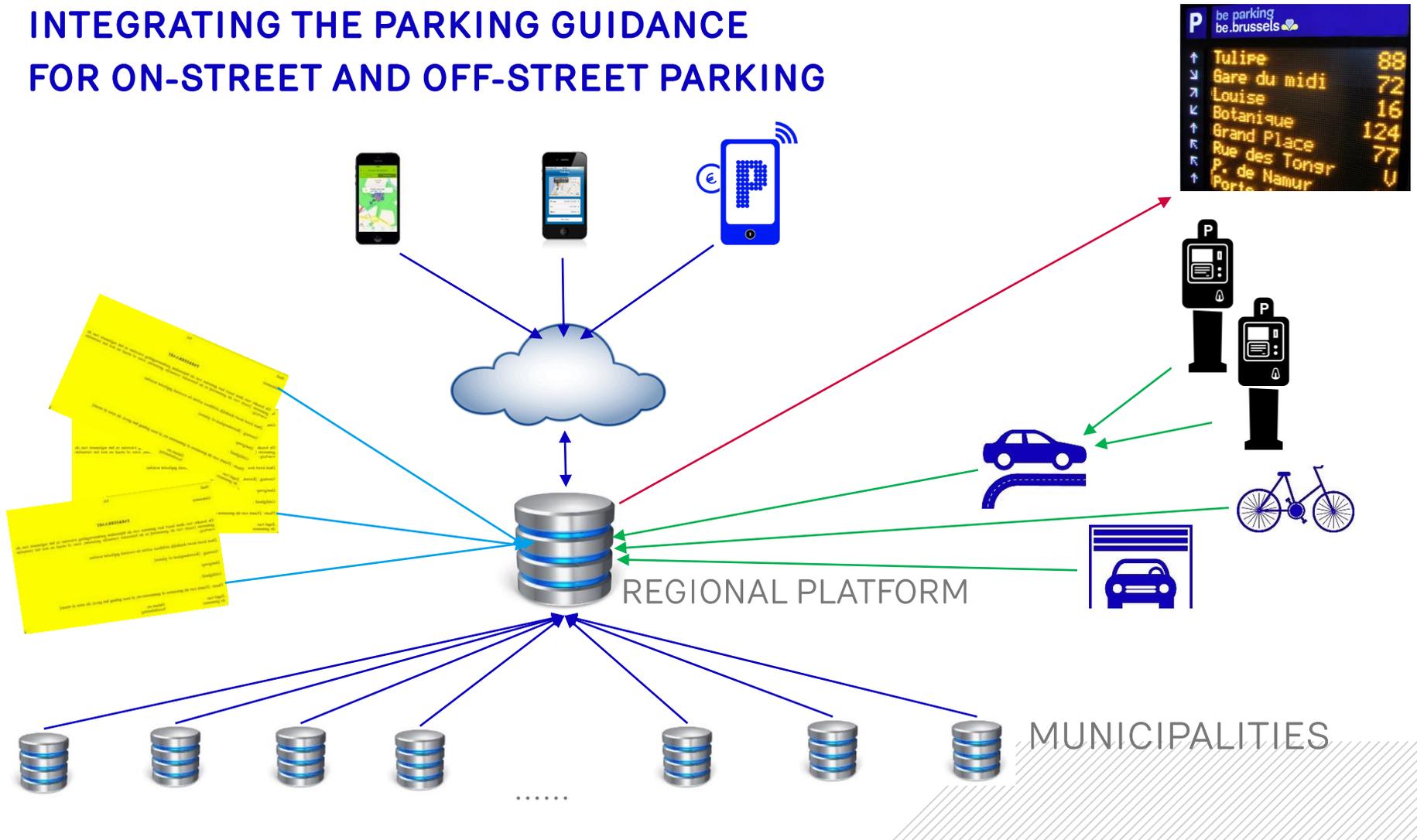




## CREATE AND REGISTER ALL OF THE PARKING PERMITS IN BRUSSELS



## INTEGRATING THE PARKING GUIDANCE FOR ON-STREET AND OFF-STREET PARKING





## On street

- Protect residents
- Encourage accessibility of commercial activities and public services
- Public service delegation of parking management (contrôle and customer service)



# ON STREET PARKING ZONES



2016



## Off street

- Park and rides
- Bike parkings
- Public parkings guidance system mobile app
- Parksharing
- Carsharing







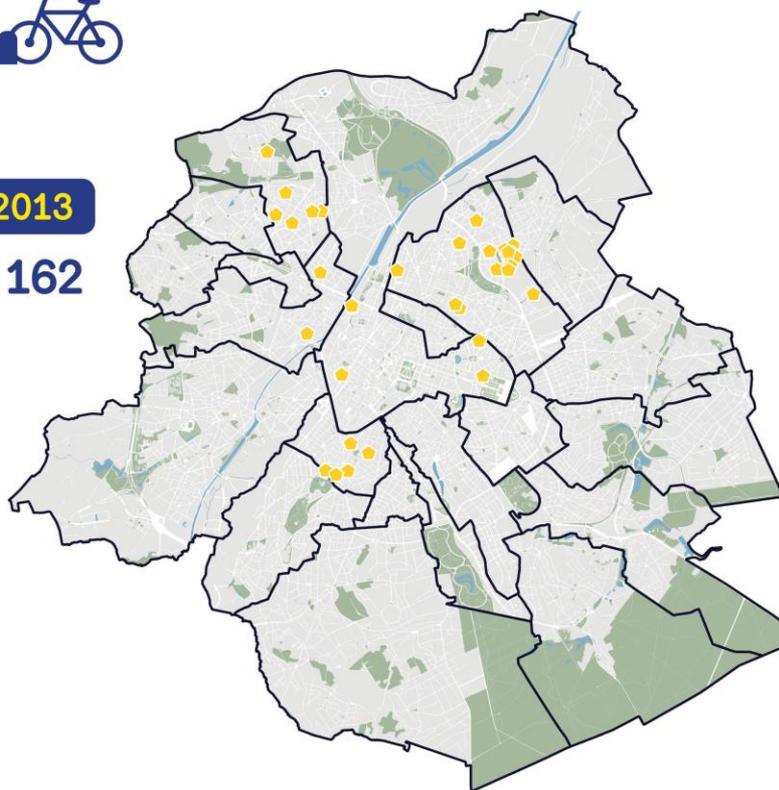
# CycloParking

- More secure bike parkings for Brussels inhabitants
- Efficient management of the parking boxes

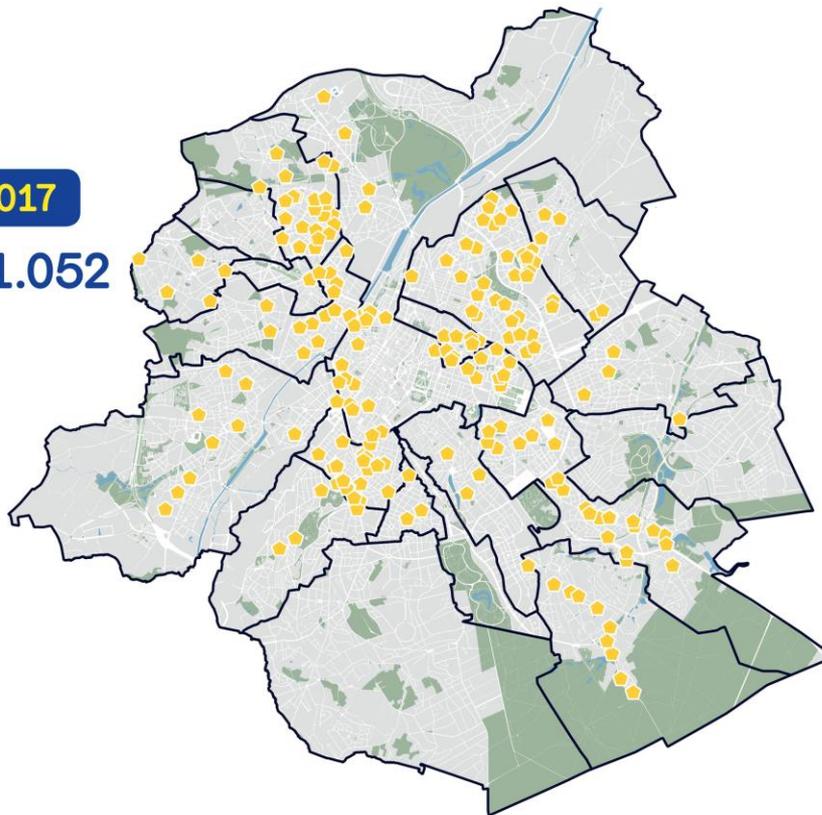
# SECURE BIKE PARKING BOXES



2013  
> 162



2017  
> 1.052





- Secure bike parking = includes access control
- Demand – supply via the online platform

🔍 Waar?

+ Niets gevonden? Stel een plaats voor nieuwe parking voor.



SK24 - Plasky

📍 1030



SK20 - Renkin

📍 1030



SK21 - Voltaire II

📍 1030



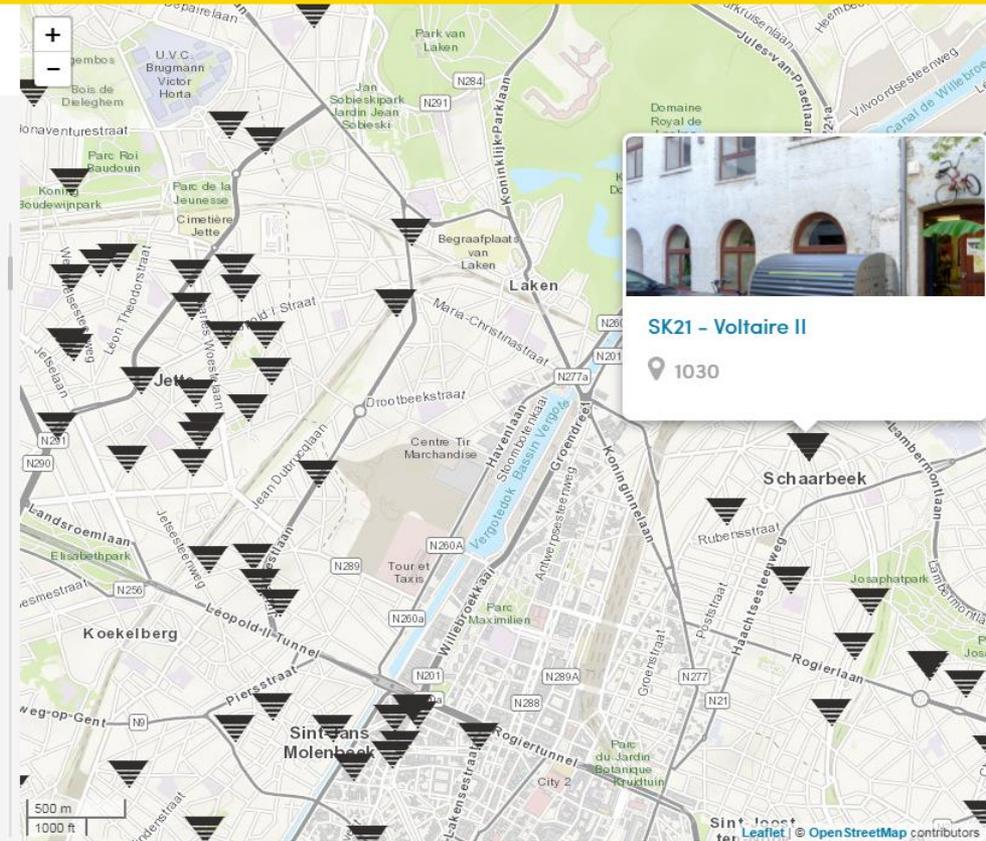
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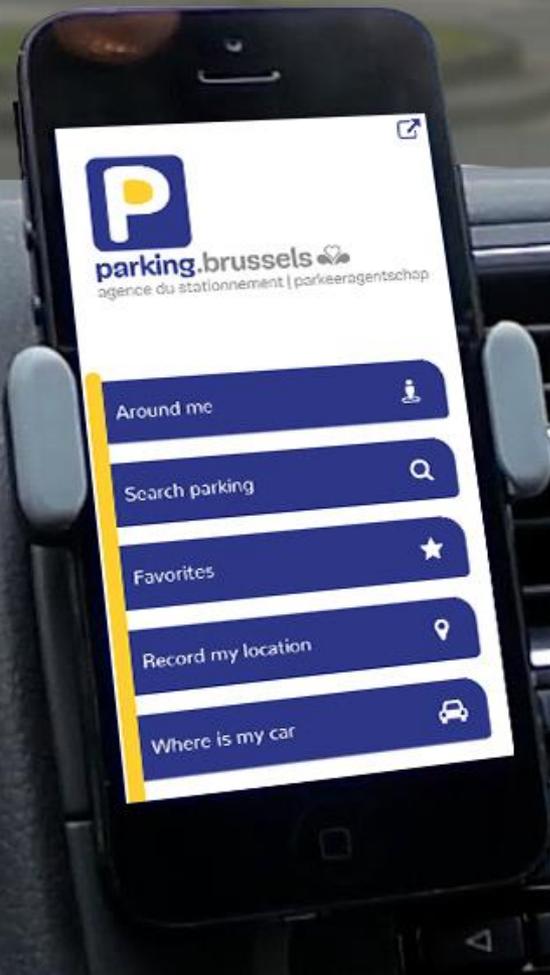


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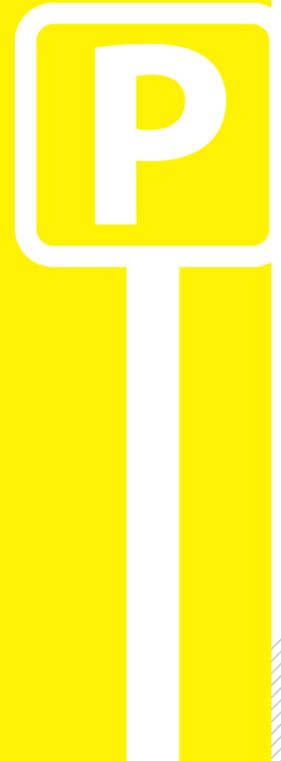
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# Parking guidance technology

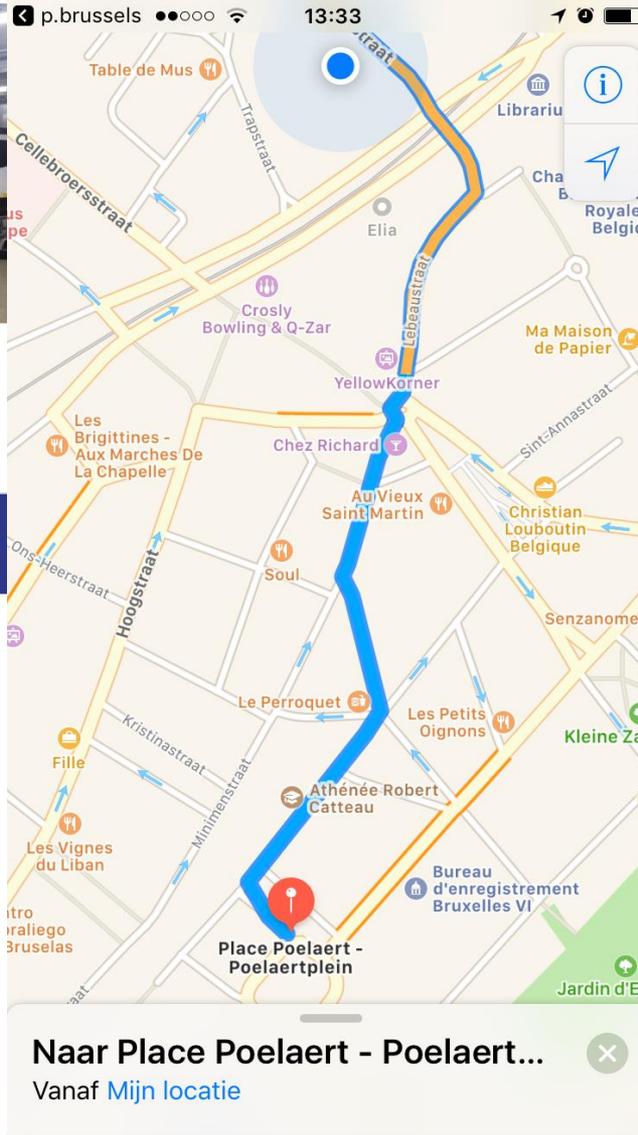
- Public parkings
- Smartphone app parking.brussels





➤ 55 fixed signs in 2016

➤ 50 dynamic signs in 2017



13:39

- Openbare telefoon
- Douche
- Automaat
- Informatiepunt
- Lift
- Oplaadpunt
- Elektrische voeding voor koelwagens
- Openbaar vervoer
- Fietsparking
- Villo!
- Parking lichte vrachtwagens

Grote Markt 344m

Open

Informatie Openingsuren **Tarief** Diensten

1 uur	2,40€
2 uren	4,80€
3 uren	7,20€
4 uren	9,60€
5 uren	12,00€
6 uren	14,40€
7 uren	14,90€
24 uren	14,90€

