

# MANAGING CURBSIDE ACCESS & POLICY

With digital evolution of on-street parking payment infrastructure

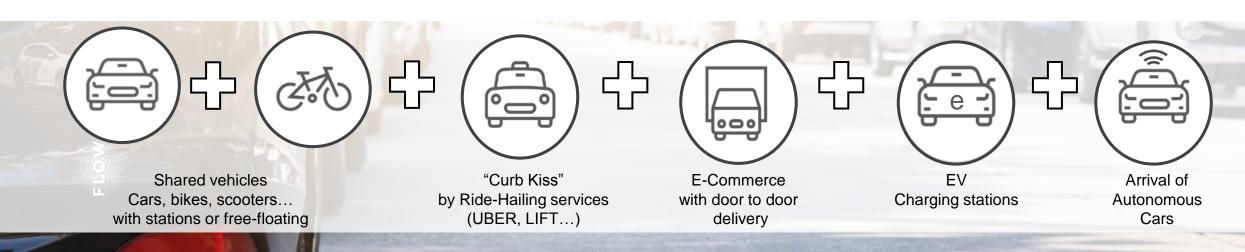


Thierry Brusseaux

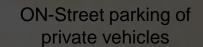
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# More and more pressure to access the Curb



OWBIRD

























Shared vehicles Cars, bikes, scooters... with stations or free-floating

"Curb Kiss" by Ride-Hailing services (UBER, LIFT...)

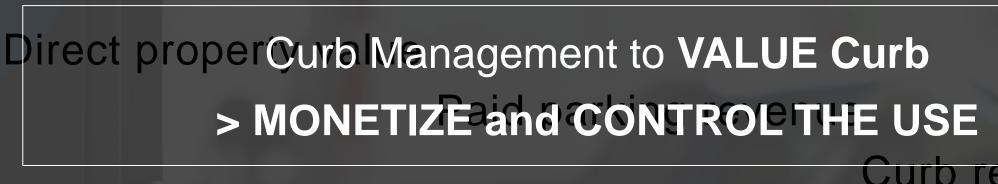
E-Commerce with door to door delivery

EV Charging stations

Arrival of Autonomous Cars







City attractiveness

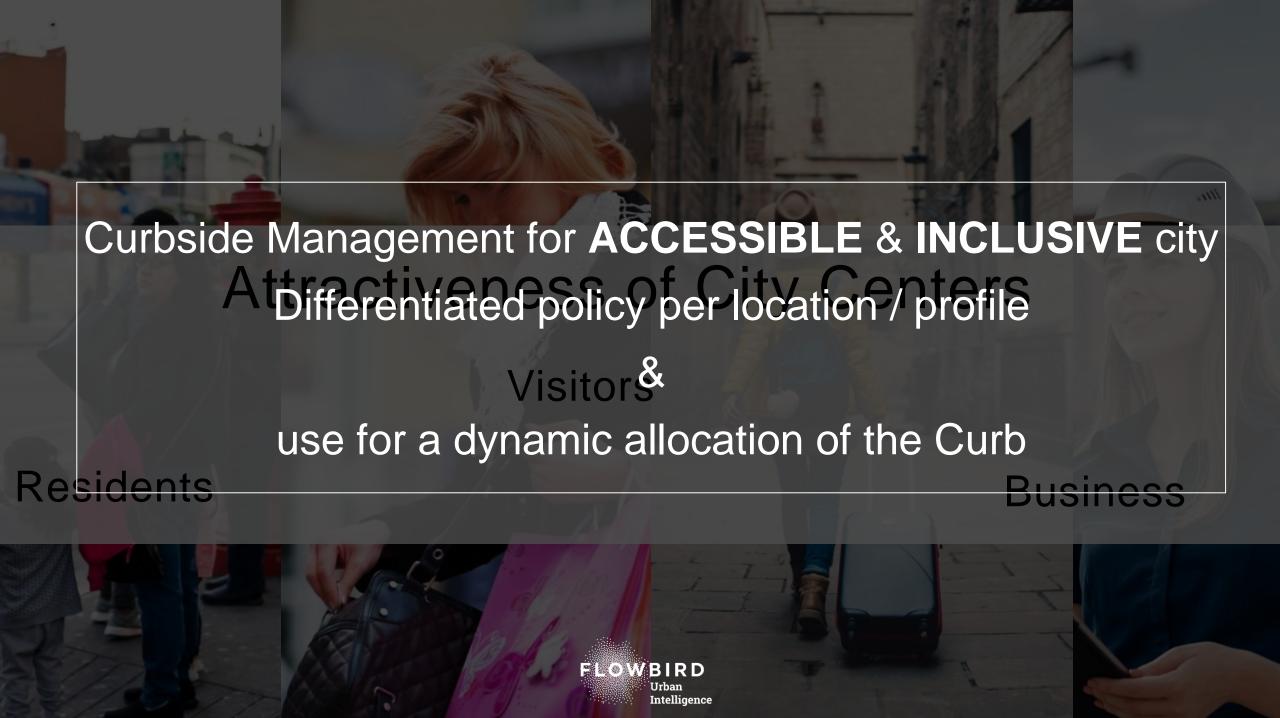
Curb reallocation



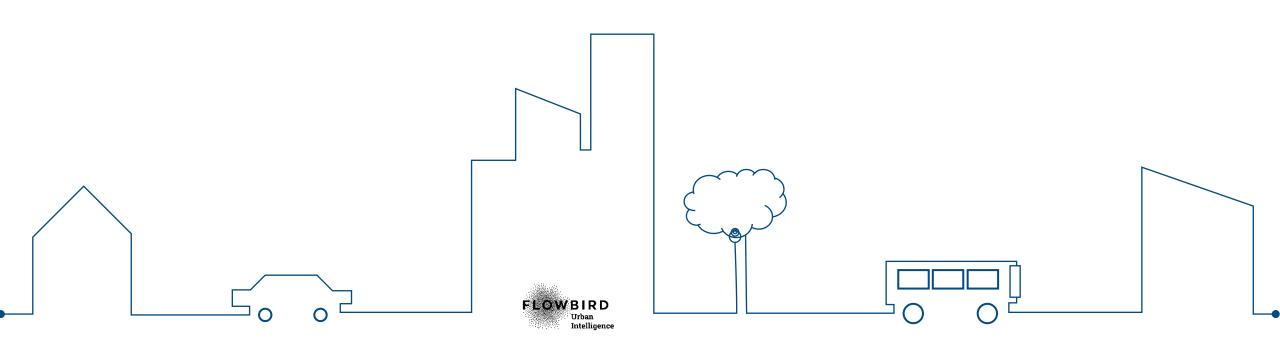


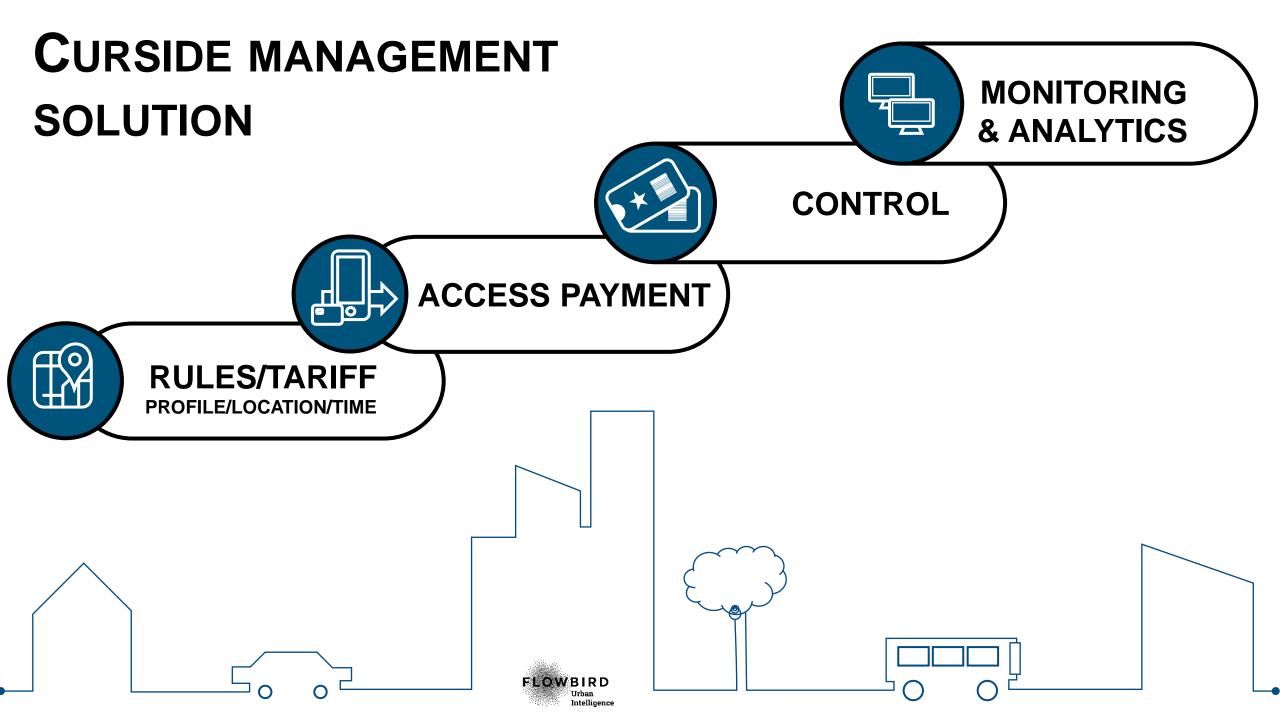






# GIVE THE CITIES THE ABILITY TO MANAGE AND CONTROL THE USE OF THE CURBSIDE







#### Geography

Curb mapping with zones, spaces...

#### **Allocation**

Shared, dedicated to specific use, reserved to specific profile

#### **Tariff**

Per date, & time, per occupancy duration, per profile, type of use,

Dynamic/Differentiated/Demand pricing...

# **Subscribers & Rights**

User profile, type of vehicle, type of use





Terminal/Kiosk, Mobile, In-Vehicle, Web Multichannel user interaction

#### MaaS

Information and guidance, Trip planning integration

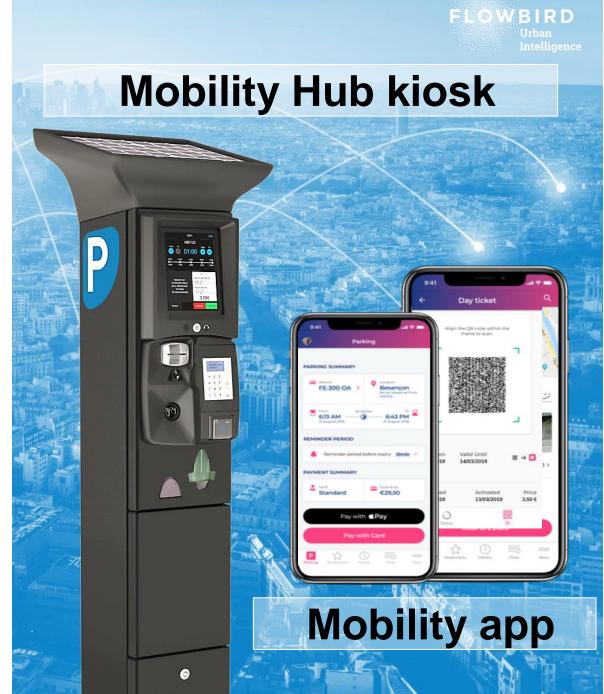
#### **Payment**

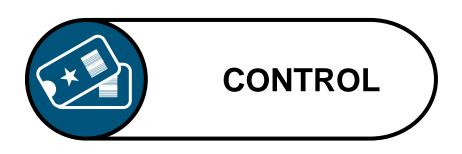
Pay per use, pre-payment, post payment...

#### **ID Management**

Access to specific rights & emission of eTickets, ePermits link to ID...

**ID today :** Vehicle licence plate



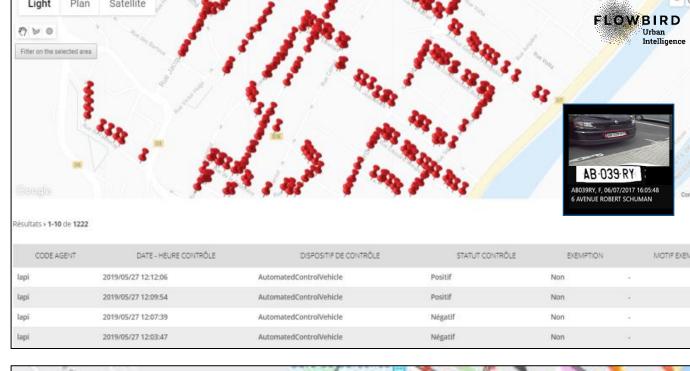


Occupancy detection, Prediction

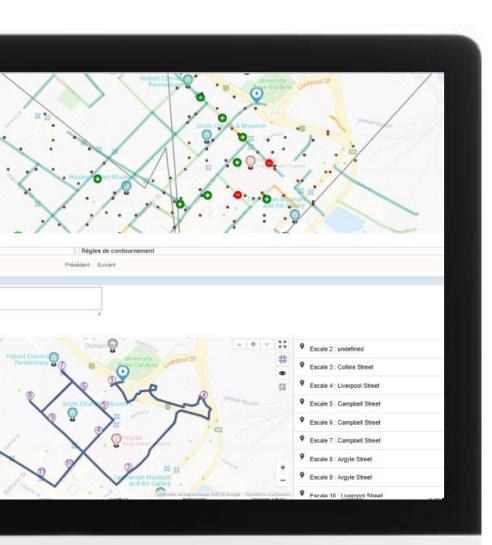
Enforcement management, guidance

On Line Control of eTickets, ePermits link to ID (ANPR...)

ID today: Vehicle licence plate









#### **Data**

Sales (Access/Payment)
On Line control
Occupancy detection



#### **Value**

Real time monitoring Efficiency tools Analytics



# CURBSIDE MANAGEMENT PLATFORM: CONTROLLED BY LOCAL AUTHORITIES



Financial Consolidation Reporting

Curbside Management Monitoring

Secured payment

Control Enforcement Optimization

Collection Data for Analytics (uses, control...)

Rights Managements







### Serves Cities objectives

Installed base in thousands of cities worldwilde

Decades of long successful services

Core solutions (Products & Softwares) built as infrastructure, lasting for decades

Right technology platform & integration capacity with TIERS to manage « Curbside » and deploy « MaaS » and « Mobility Hub » ...







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