PARKUNLOAD

SMART
FREE PARKING
ZONES

Bluetooth®

Sustainable Smart Loading Zones

SUSTAINABLE CITY LOGISTICS · URBAN FREIGHT · DELIVERIES · PROFESSIONALS

SMART FREE PARKING ZONES BY PARKUNLOAD®

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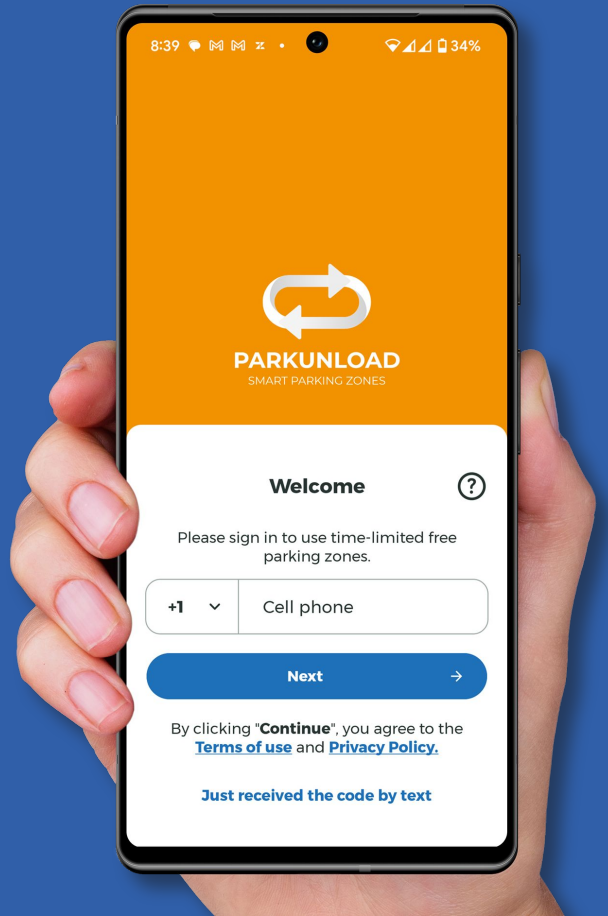

Since 2017 SMART FREE PARKING ZONES

Free parking zones with time limited for authorized vehicles.

100% DIGITAL REGULATION

Mandatory use of Parkunload to manage parking sessions.

APPS, BLUETOOTH & BIG DATA

Cost-efficient and extremely easy-to-install, scale and use.

FULL FEATURED PLATFORM

App for drivers. App for officers. BackOffice. Big Data Analytics.

300,000 APP USERS | **4.7 / 5** APP REVIEWS | **9** LANGUAGES | **PATENTED** EU · US · CA

FREE SHORT-TERM PARKING · PROBLEM STATEMENT

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HIGH SHORT-TERM PARKING DEMAND

Deliveries · Urban freight · Residents · Business · Shopping · Pick-up · Riders

MISUSE OF PARKING SPACES

Parking overtime. Lack of permit.

LOW TURNOVER & DOUBLE LINE

Lack of spaces at peak hour.

CONGESTION and POLLUTION

Highly polluting vehicles.

INEFFICIENT ENFORCEMENT

Expensive parking enforcement.

NO REAL-TIME. NO BIG DATA

Lack of parking patterns.

UNIQUE SOLUTION · EASY TO INSTALL, USE & SCALE

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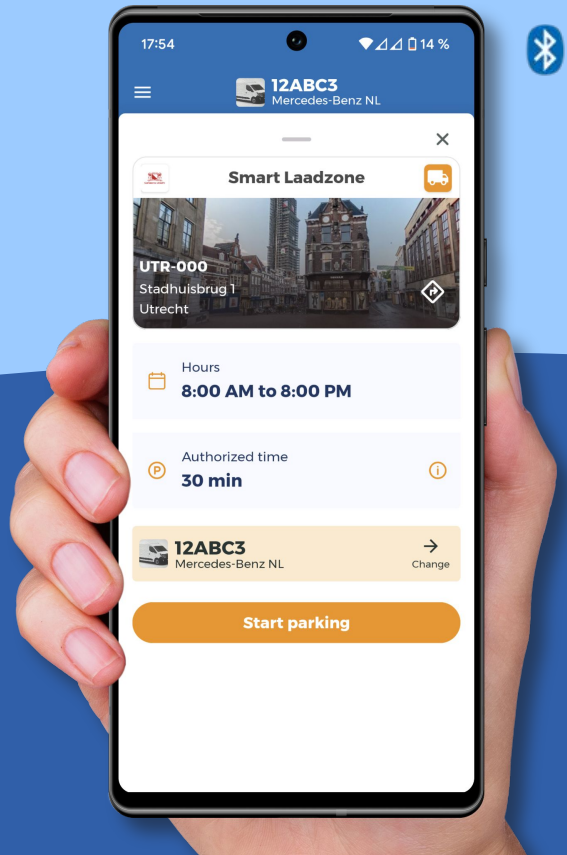
APP FOR DRIVERS



Bluetooth™

PARKING SIGN WITH BLUETOOTH SENSOR

- Automatic zone detection via Bluetooth.
- Mandatory check-in with digital means.
- Variable parking time limit.
- Comprehensive for all.
- Low Emissions Zones.

* Based on parking control method patented in Europe, US and Canada.

EASY & QUICK SIGN UP!

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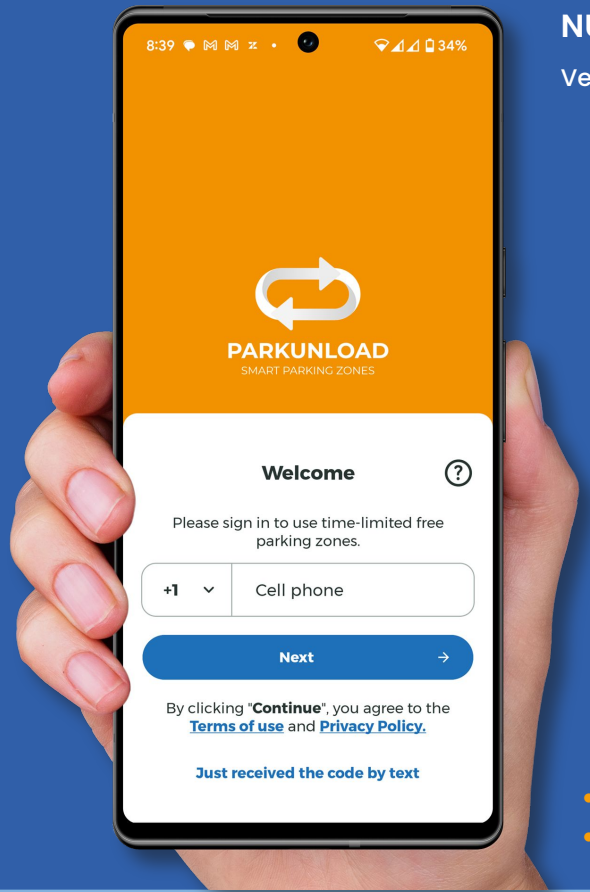
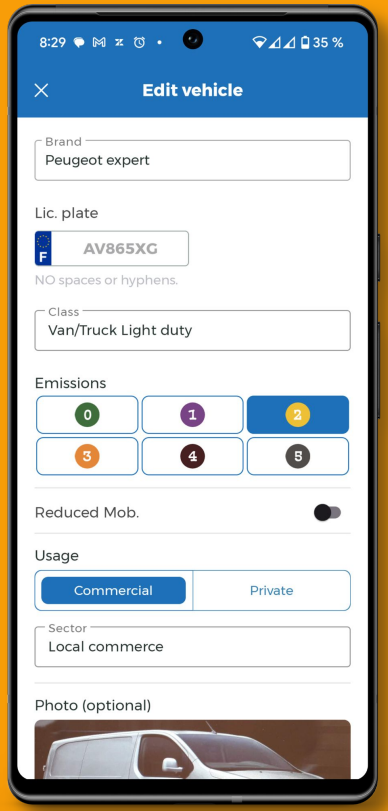
ONLY CELL PHONE NUMBER

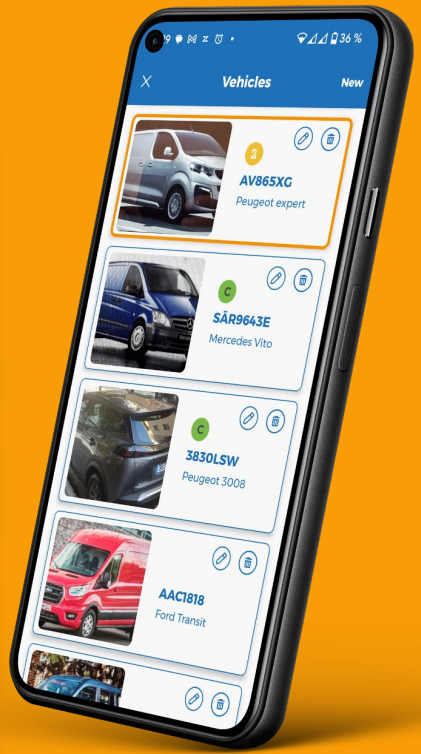
Verified via SMS.



- Terms of use.
- Privacy policy.

ONLY REQUIRED VEHICLE DATA





- License plate. Emissions.
- 9 vehicle types.
- Private · Commercial · Reduced Mob.

START & STOP PARKING SESSION · ONE-CLICK

PARKUNLOAD

- Remaining parking time.
- Automatic notifications.

VARIABLE PARKING TIME LIMIT

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9 x VEHICLE TYPES

Car · Van · Truck · Heavy Truck
Light Commercial Veh. · Motorbike
Coach · Motorhome · Cargo-Bike

Also Vehicle emissions

REGULATION HOURS PER WEEKDAY

Peak & off-peak hours

Holidays per zone

COLLECTIVITIES

Residents · Shop owners
Professional sector
Employees

Available API Integration

Not authorized	Authorized	Non-regulated hours
No-return		Festivity or Holidays

PARKING AVAILABILITY IN REAL-TIME

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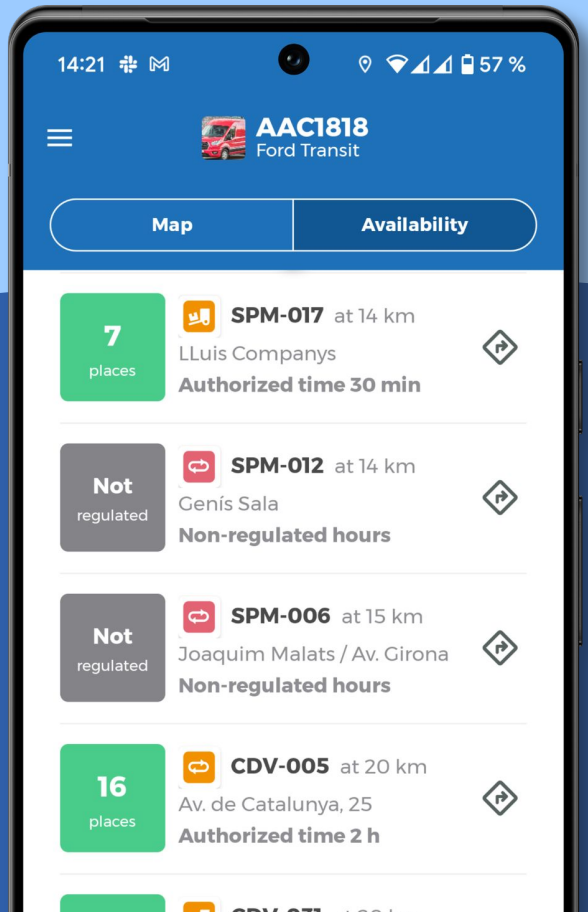
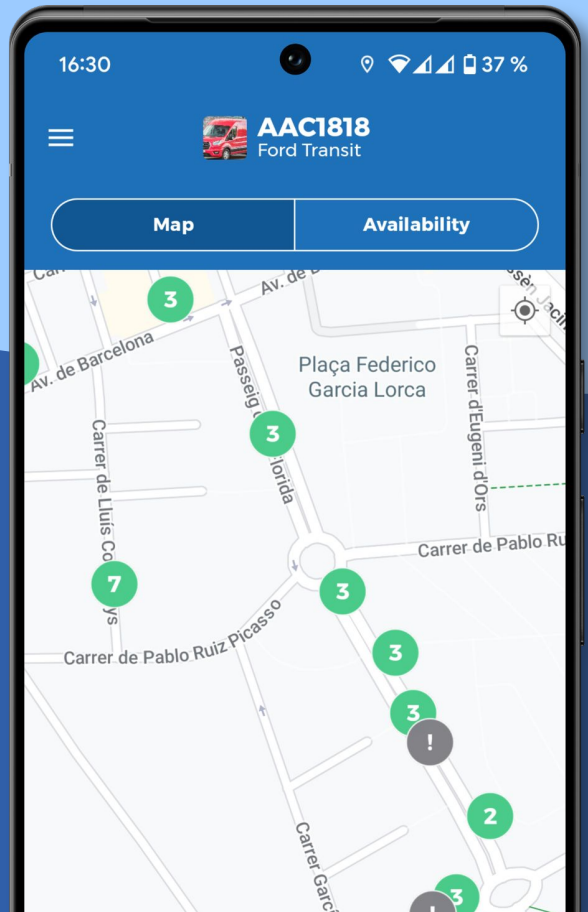


PARKING STATUS OF NEARBY ZONES

- Zone location.
- Parking permit.
- Time limit.
- Available spaces.
- Distance.
- Navigation.
- Out of hours.



APP PKUN CONTROL · PARKING OFFICERS

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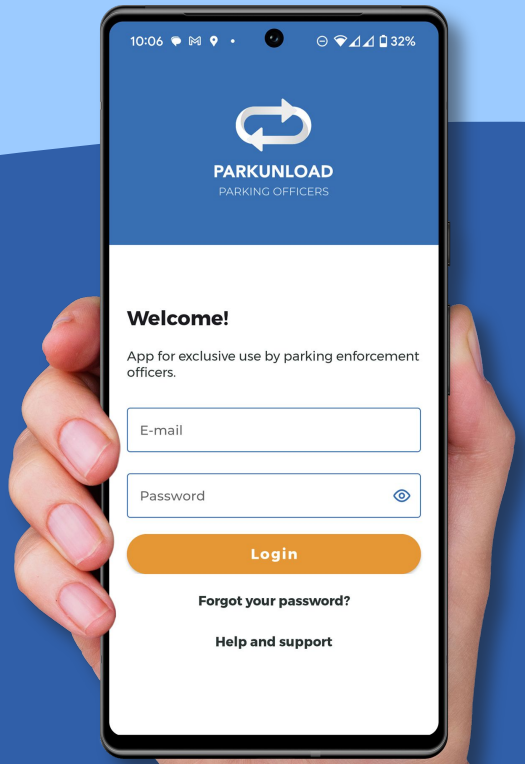
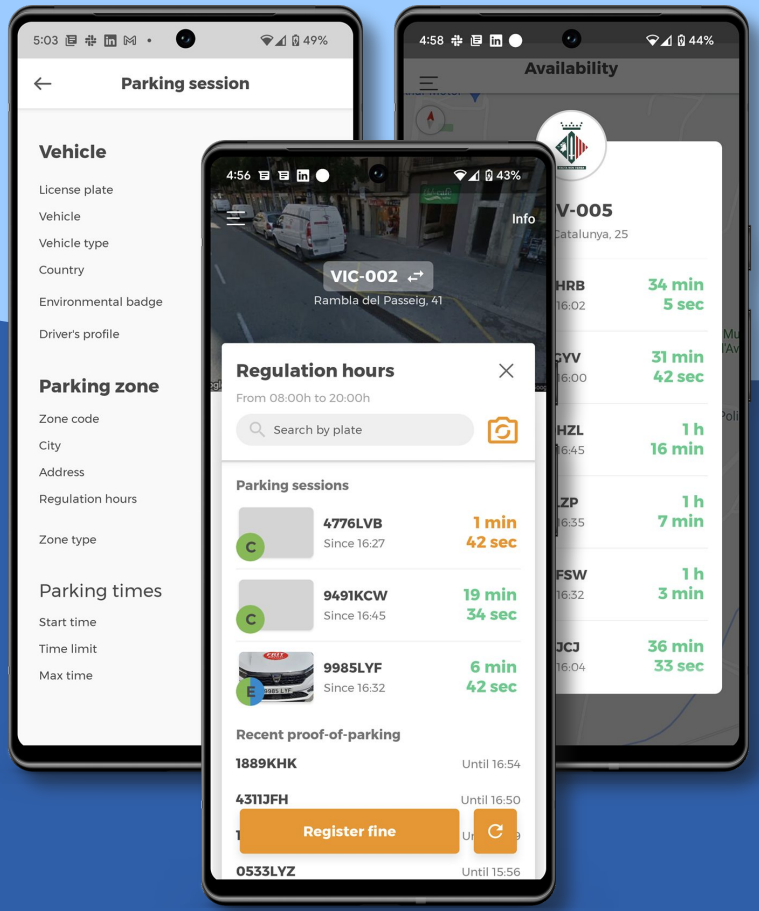


- ✅ Download from Google Play.
- ✅ List of vehicles per zone.
- ✅ Remaining parking time.
- ✅ Filtered by license plate.
- ✅ License plate recognition.
- ✅ Worst case real-time map.
- ✅ Automatic infringement.
- ✅ Ticket management.
- ✅ API & Vehicle integration.



WEB-BASED BACK-OFFICE · PARKING AUTHORITIES

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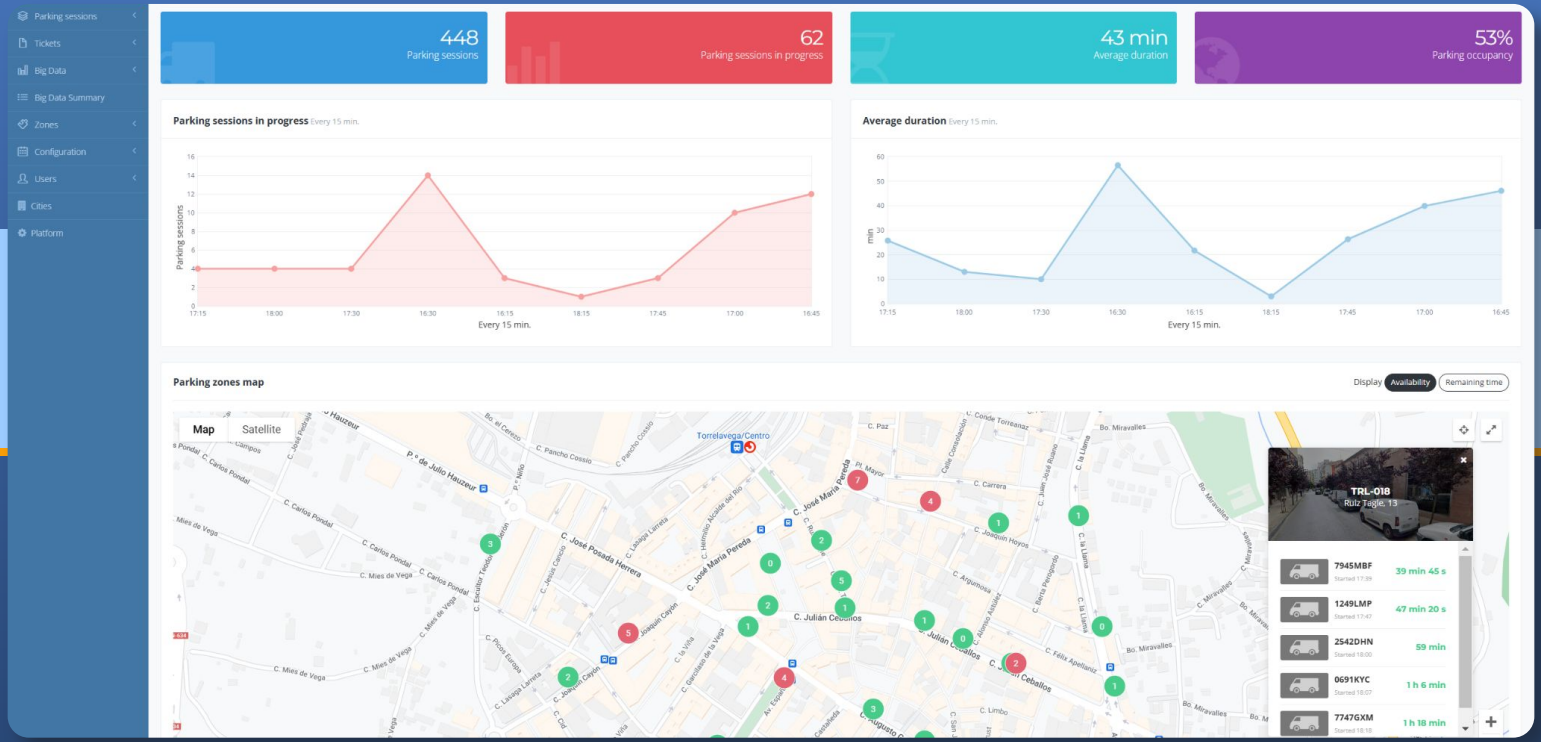
Dashboard · Real-time KPIs · Parking sessions · Parking tickets · History · Users & Agents
Groups · Types of zones · Zones · Parking regulations · Bluetooth sensors · Calendar · Settings



OUTSTANDING BIG DATA ANALYTICS · CITY PLANNERS

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- Parking patterns.
- Parking rotation ratio.
- Parking occupancy ratio.
- Users & Vehicles.

- Fast calculations.
- Dynamic reports.
- Multi-filter.
- PDF export.

- In-vehicle solution.
- Ultra-fast START.
- Automatic STOP.

PARKUNLOAD

Works with Android Auto

Works with Apple CarPlay

PARKUNLOAD
SMART FREE PARKING ZONES

- ✅ Mandatory use. 100% digital.
- ✅ Clear User Interface · App-based.
- ✅ Easy to install, scale & transfer.
- ✅ No Roadworks.
- ✅ No add-on telecoms.
- ✅ No Power grid.
- ✅ No Credit cards.
- ✅ No QR Code for zone ID.
- ✅ Accurate location with Bluetooth.
- ✅ Cost-effective. High ROI.
- ✅ Focused on Smart Free Zones.

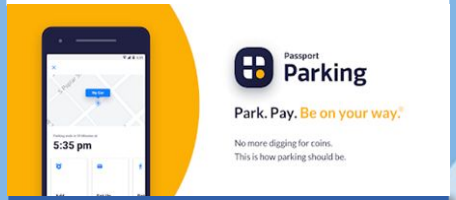
Parking space sensor

Optional · Availability
High cost · Unreliable · Comms

Camara-based solutions

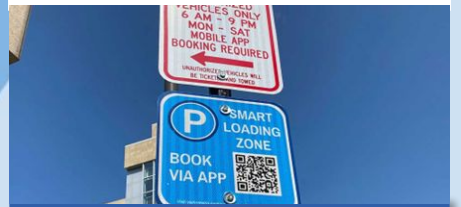
Optional · Availability
High cost · Roadworks · Power grid

Paid parking apps



Targets on/off street parking
Different business model · % fee

Bookable · QR links



Unpractical · Risk of fake QR
Different business model · % fee

PARKUNLOAD IMPACT · EXCELLENT KPIs

PARKUNLOAD

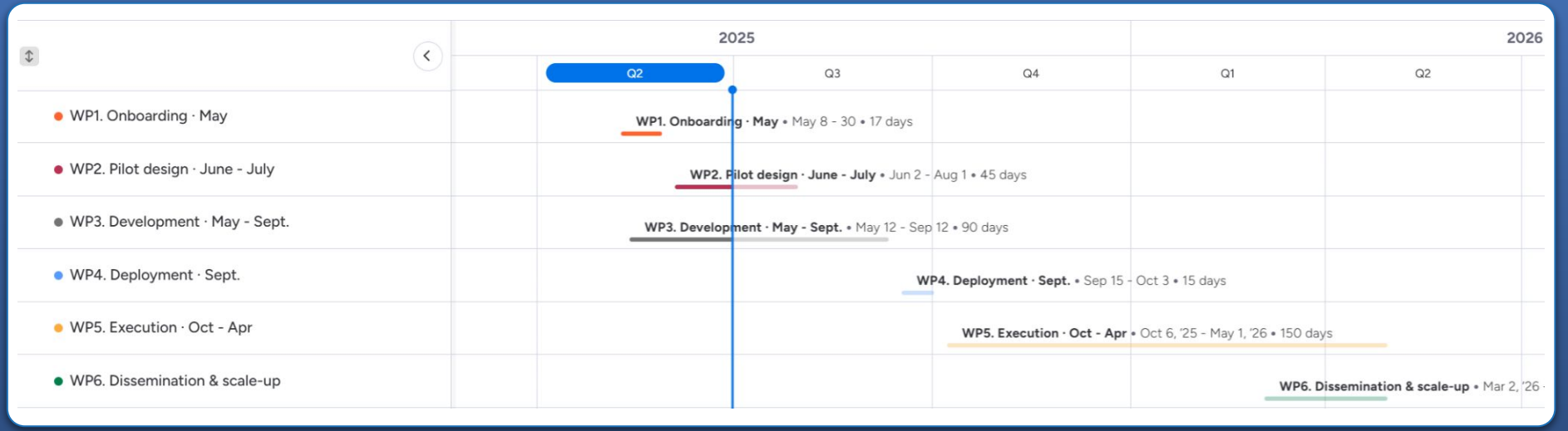
PARKING	HIGHER ROTATION: +30%	ILLEGAL PARKING: -50%	AVAILABLE SPACES: +30%
MOBILITY	LESS CIRCLING FOR PARKING	NO DOUBLE LINE PARKING	REDUCING CONGESTION
ENVIRONMENT	LOW EMISSIONS ZONES	LESS MILES PER DELIVERY	REDUCING AIR POLLUTION
FINANCIALS	ENFORCEMENT x3	HIGH ROI	SCALABLE & FEASIBLE

PROJECT PLAN · UTRECHT · SMART LAADEZONE

PARKUNLOAD

Gemeente Utrecht

- 50 Smart Loading Zones.
- Up to 200 loading and unloading spaces.
- 12-months pilot project.



Sustainable Smart Loading Zones

SUSTAINABLE CITY LOGISTICS · URBAN FREIGHT · DELIVERIES · PROFESSIONALS · PRIVATE

SMART LOADING ZONES · SUSTAINABLE CITY LOGISTICS

PARKÛNLOAD

Ajuntament de Vic | STUTTGART | Métropole du Grand Paris | BRAGA Cidade autêntica | Ajuntament de Cerdanyola del Vallès

- Smart Loading zones.
- Smart Delivery zones.
- + Authorized.
- + Residents.

· Vans, light commercial vehicles and trucks.

· From 15 to 30 min. Trucks (120').

+1.000 ZONES	75.000 USERS	100.000 VEHICLES

FREE SHORT-TERM PARKING ZONES

PARKUNLOAD

Ajuntament de Vic | STUTTGART | Métropole du Grand Paris | BRAGA Cidade autêntica | Ajuntament de Cerdanyola del Vallès

- Free short-term parking.
- Pick-up & Drop-off zones.

- Residential parking.

- Private vehicles.
- Authorized vehicles (Residents, ...).

- From 60 to 150 min.

+5.000 SPACES	200.000 USERS	300.000 VEHICLES

PARK & RIDE · ONLY FOR COMMUTERS

PARKUNLOAD

Ajuntament de Cardedeu | Ajuntament de les Franqueses del Vallès | Ajuntament de Vic | Ajuntament de Malgrat de Mar | ATM Àrea de Barcelona Autoritat del Transport Metropolità

- Park & Ride, only for commuters.
- Deterrent parking.

- Only Commuters from 5AM to 5PM.
- Doble validation via Bluetooth.

- All day free parking for commuters.

+400 SPACES	5.000 USUARIS	6.000 VEHICLES

PARKUNLOAD

+275,000 App users

Smart Free Parking Zones

App for time-limited free parking zones

- Smart Loading Zones
- Free short-term parking
- Residents only parking
- Priority parking zones
- Park & Ride only commuters
- Customers only parking

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