



# Trends in Urban Mobility Planning

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# TRAFFIC



**MODES**

# MOBILITY

Movement of people and goods



**INDIVIDUALS**

# ACCESSIBILITY



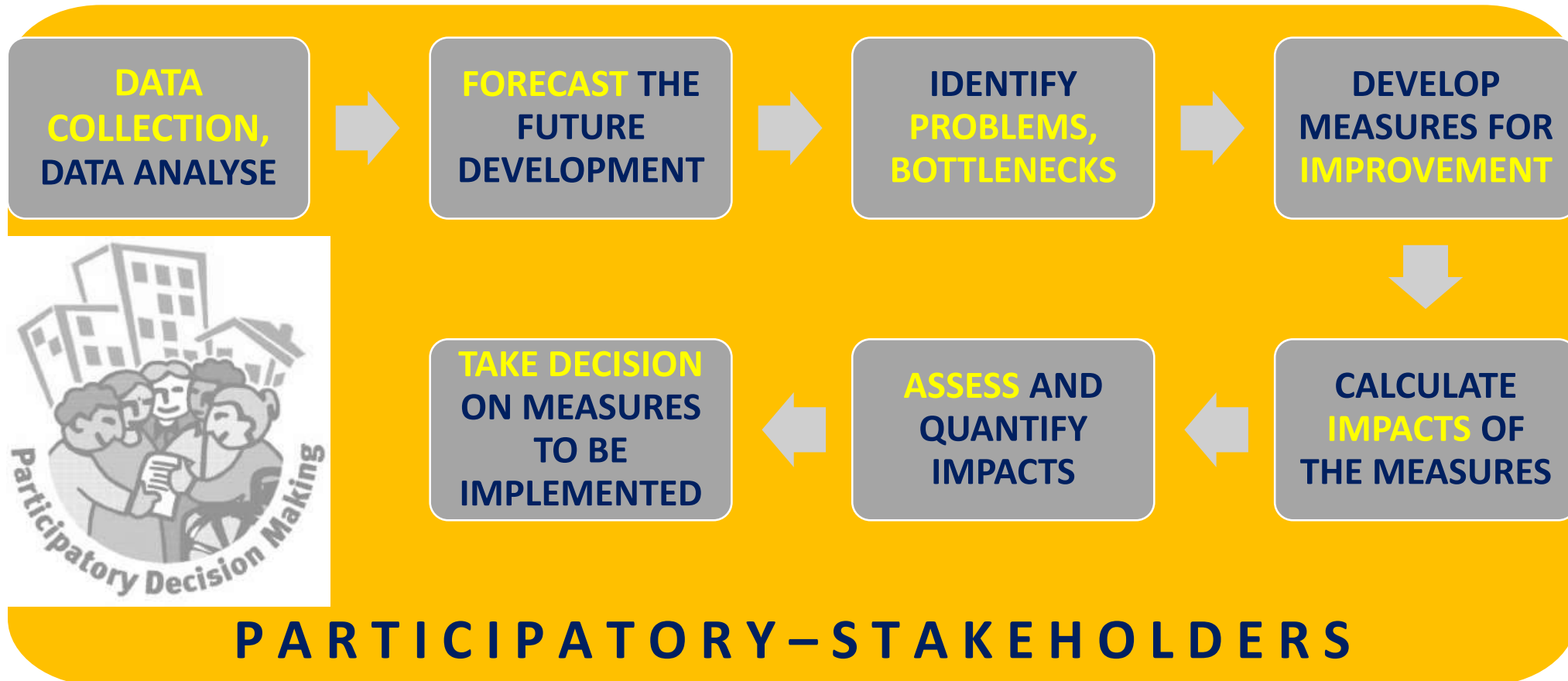
Consideration of opportunities enabled by mobility

**DESIRED OPPORTUNITIES/  
DESTINATIONS**

Link between individuals and desires  
opportunities/ destinations

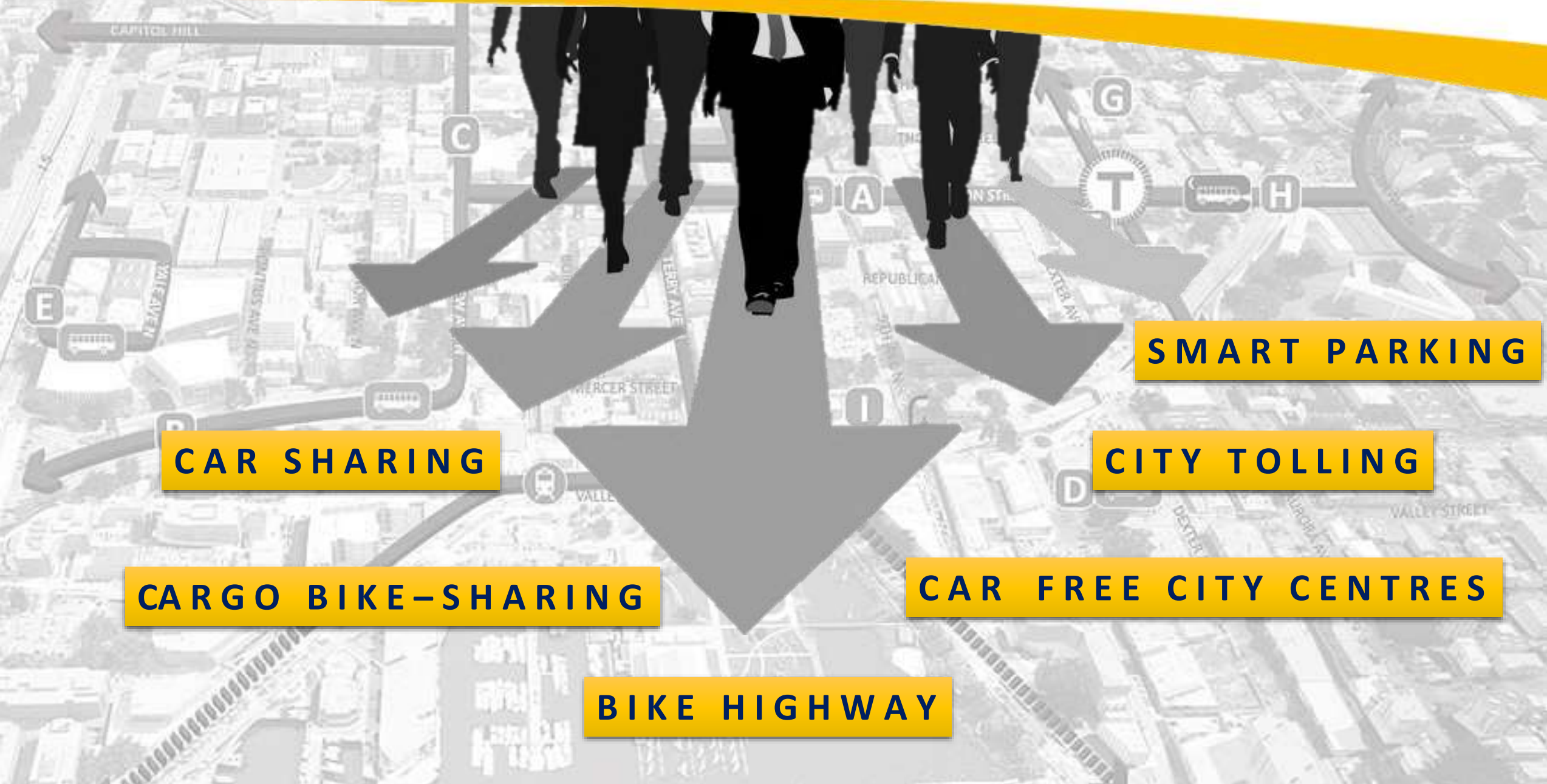


# TRAFFIC MOBILITY ACCESSIBILITY



# TRENDS IN URBAN MOBILITY PLANNING

**DORNIER**  
CONSULTING



**SMART PARKING**

**CITY TOLLING**

**CAR FREE CITY CENTRES**

**BIKE HIGHWAY**

**CARGO BIKE-SHARING**

**CAR SHARING**





**SIGN UP**



**SWIPE OUT**



**RIDE!**



**DOCK**



Good for the environment -  
**good for you**



**Free parking**



**A second (or only) car**



**Share my own car?**

Insurance / availability / booking / Prices.



**No surge pricing, ever**



**Electric  
drive**



saves on  
fuel



Source: [www.car2go.com](http://www.car2go.com)



**DELIVERED  
BY BIKE**



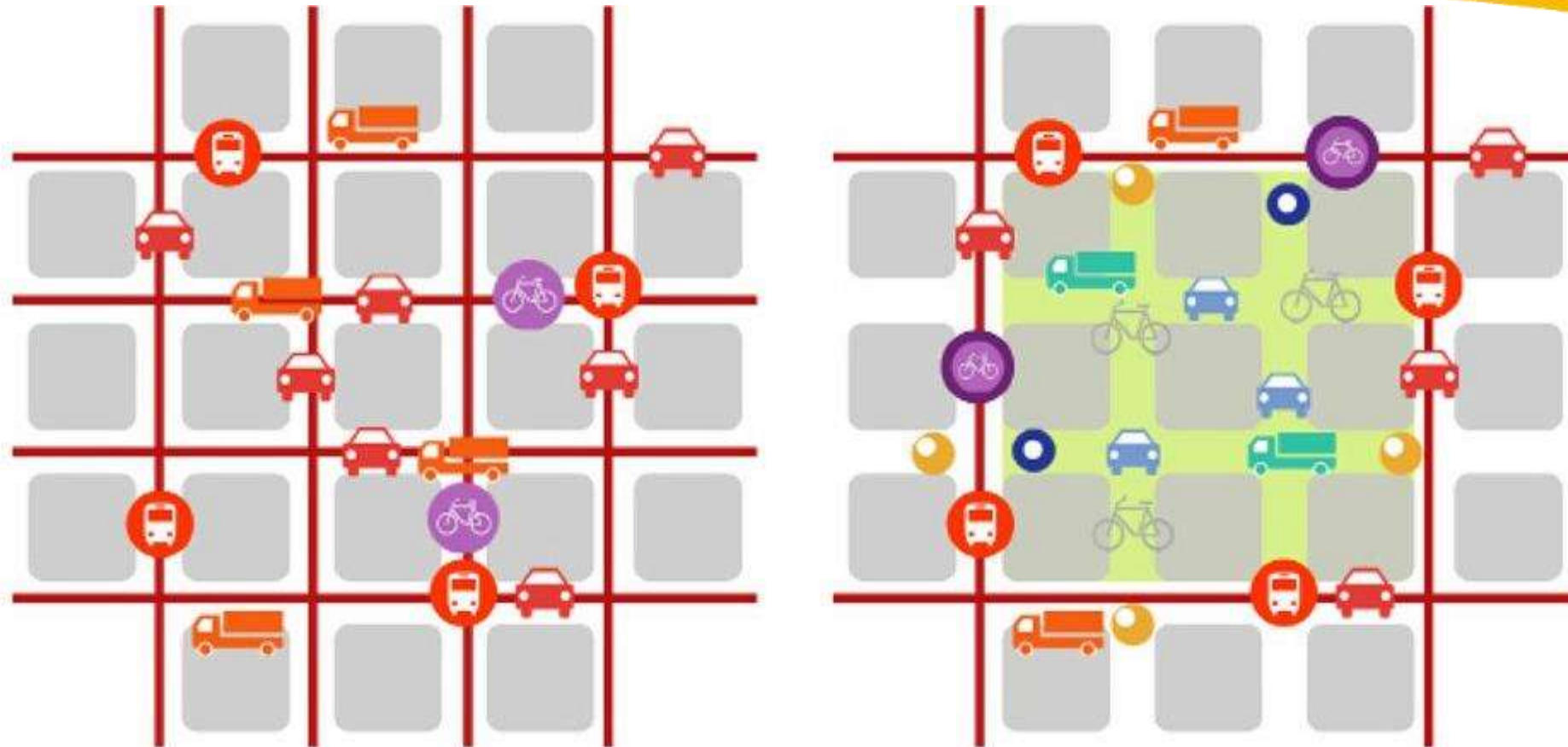
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EUROPEAN CYCLE LOGISTICS FEDERATION MEMBER









PUBLIC TRANSPORT NETWORK

BICYCLES MAIN NETWORK (BIKE LANE)

BICYCLES SIGNPOSTS (REVERSE DIRECTION)

FREE PASSAGE OF BICYCLES



PRIVATE VEHICLE PASSING

RESIDENTS VEHICLES

URBAN SERVICES AND EMERGENCY

DUM CARRIERS



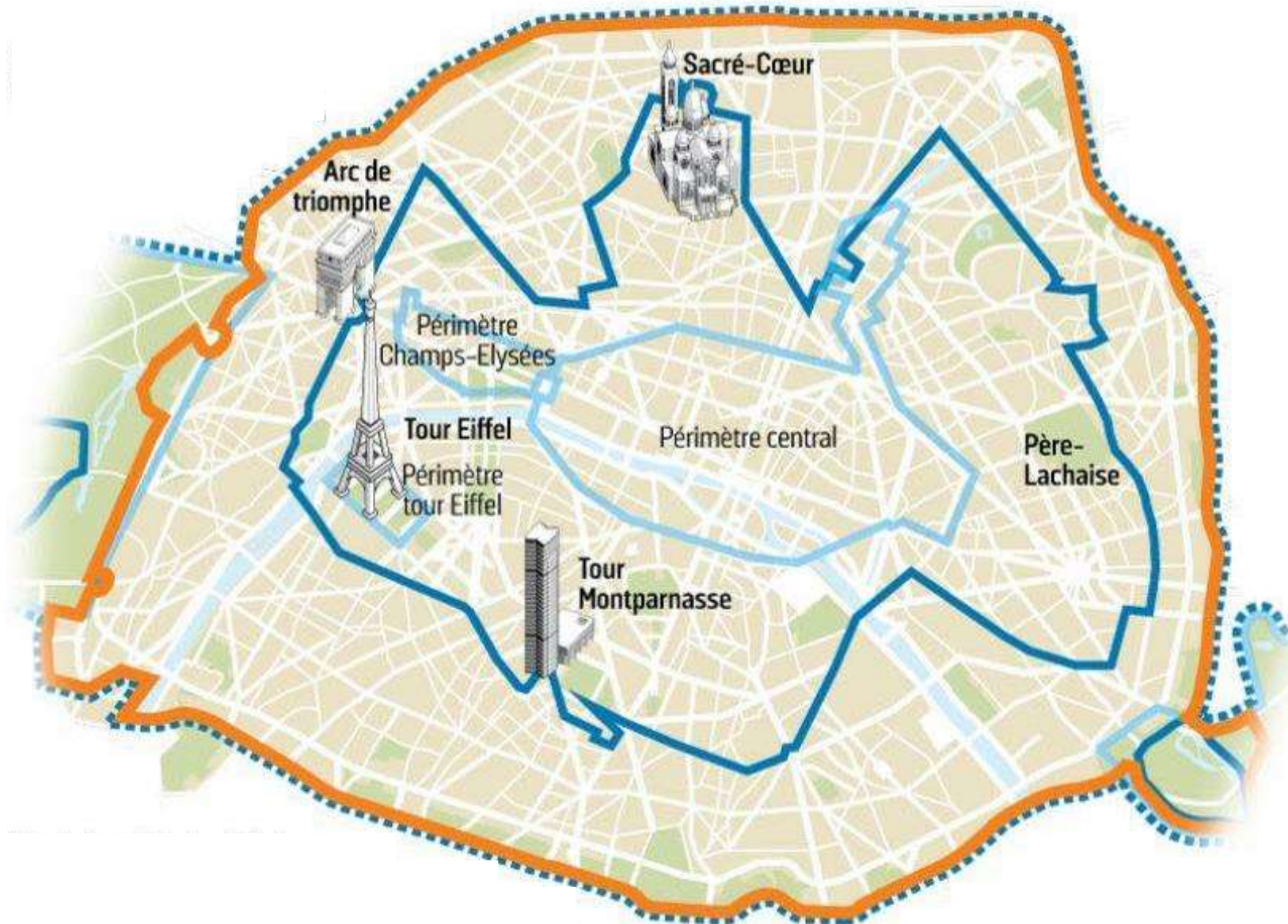
DUM PROXIMITY AREA

ACCESS CONTROL

BASIC TRAFFIC NETWORK

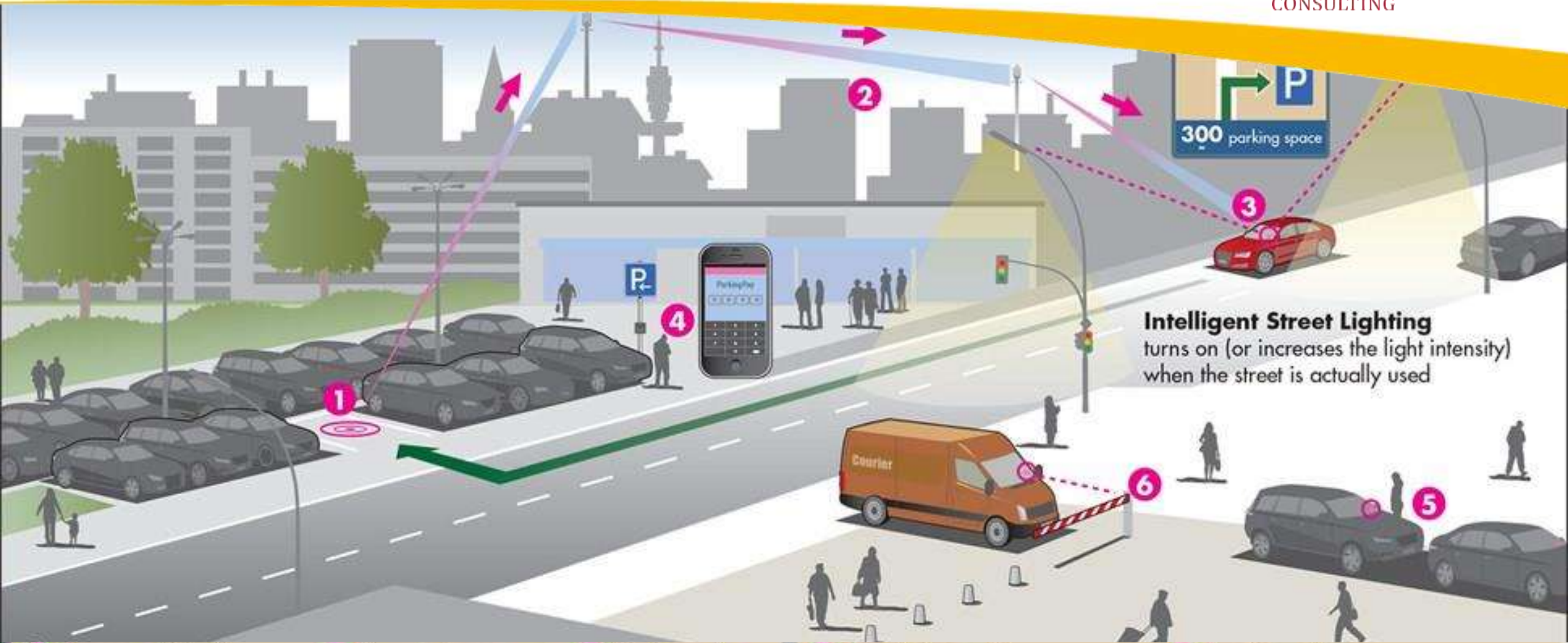
SINGLE PLATFORM (PEDESTRIANS PRIORITY)











**1 Sensors** "detect"  
whether a parking space  
is occupied or vacant and...

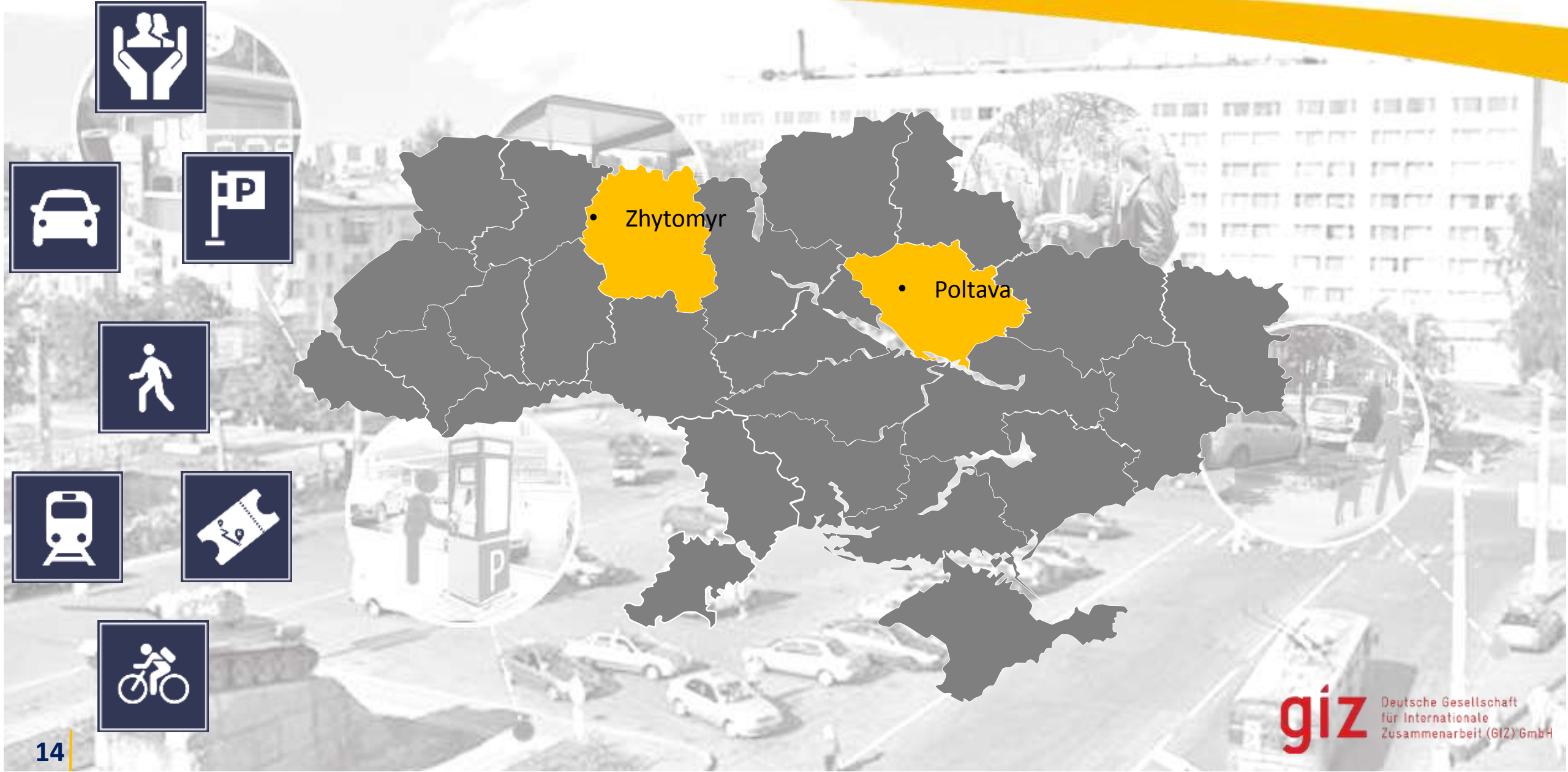
**2** ... transmit **data** to  
the central **server**

**3 Smartphone app**  
"requests" a parking  
space and guides  
drivers to the free space

**4 Parking fee**  
is paid directly  
through the app

**5 Special permit**  
Administration of  
- parking and local resident IDs  
- permits for taxis, coaches,  
deliveries

**6 Legitimation**  
Access control to restricted traffic  
areas such as loading zones,  
residential parking





# Thank you for attention!

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