

Transport planning and public space management

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European Platform
on Sustainable Urban
Mobility Plans



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Peer-to-peer exchange

Policy

Research

Innovation

80 Cities & Regions

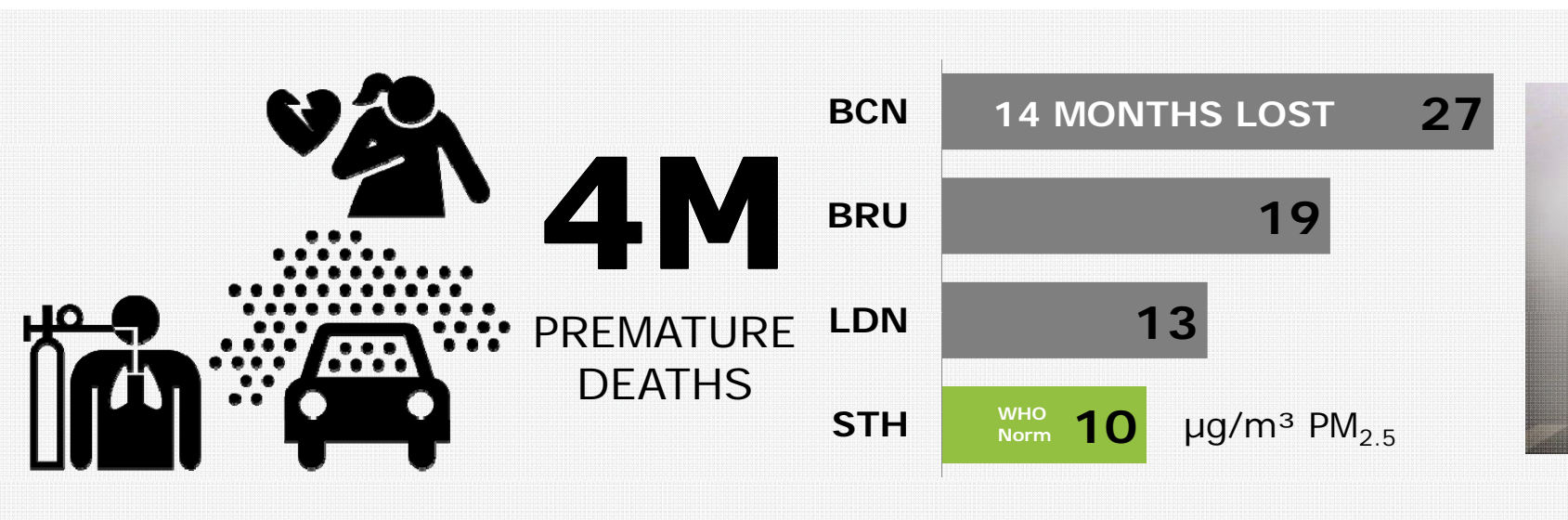
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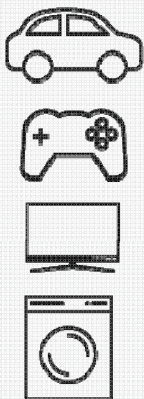
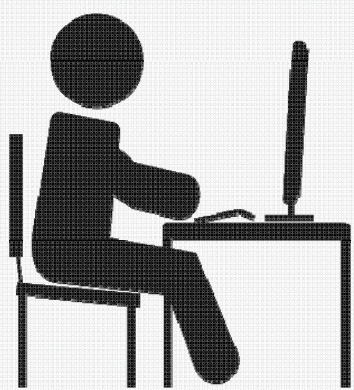
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Poor air quality

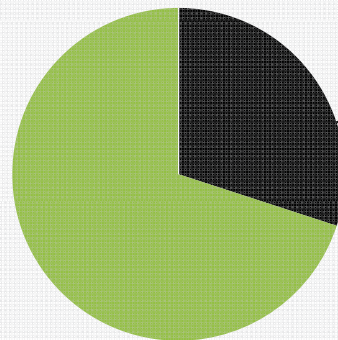


Graphics: vito/UHASSELT

Sedentary lifestyles



5M
PREMATURE
DEATHS



30%
INACTIVE
ADULTS

Graphics: vito/UHASSELT



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2020
CIVITAS
European Urban Mobility
SUMP - UP

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Cities know
how to make the
polluter/user pay!



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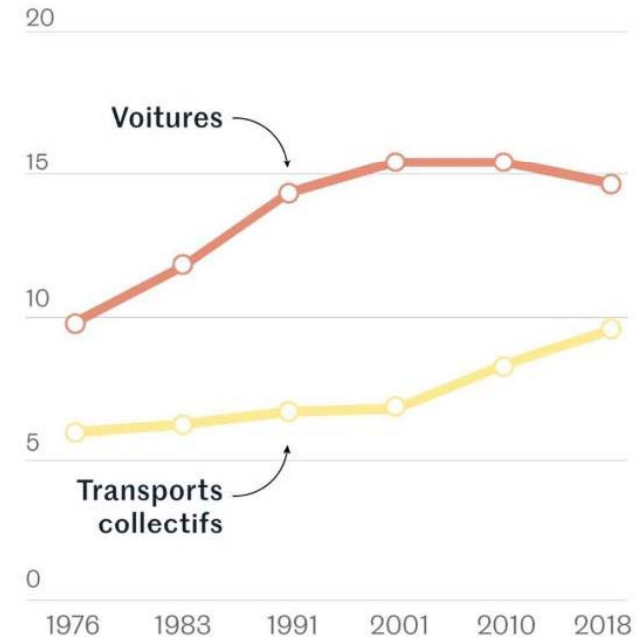
Piste cyclable rue de Rivoli © Maxppp - Luc Nobout

A good news: Car use decline

In the Paris region, car travel **decreased** by 4.7% since 2010 while....

- public transport ridership **increased** by 13%
- walking **increased** by 8%
- cycling **increased** by 29%

Evolution du nombre de déplacements en Ile-de-France, en millions de déplacements par jour

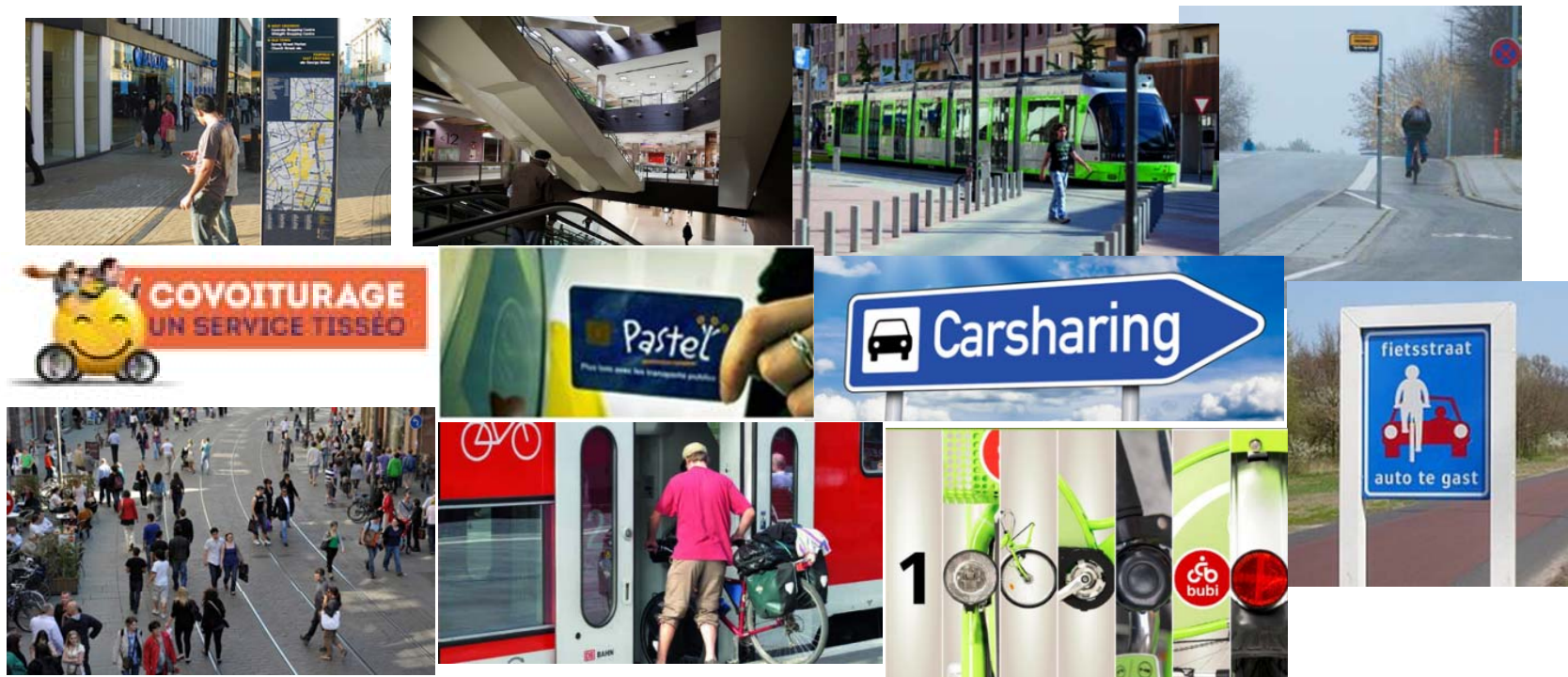


Source : La nouvelle enquête globale de transport, OMNIL, septembre 2019

Infographie : LE MONDE

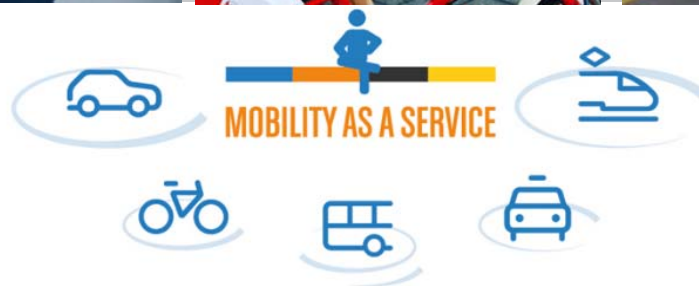
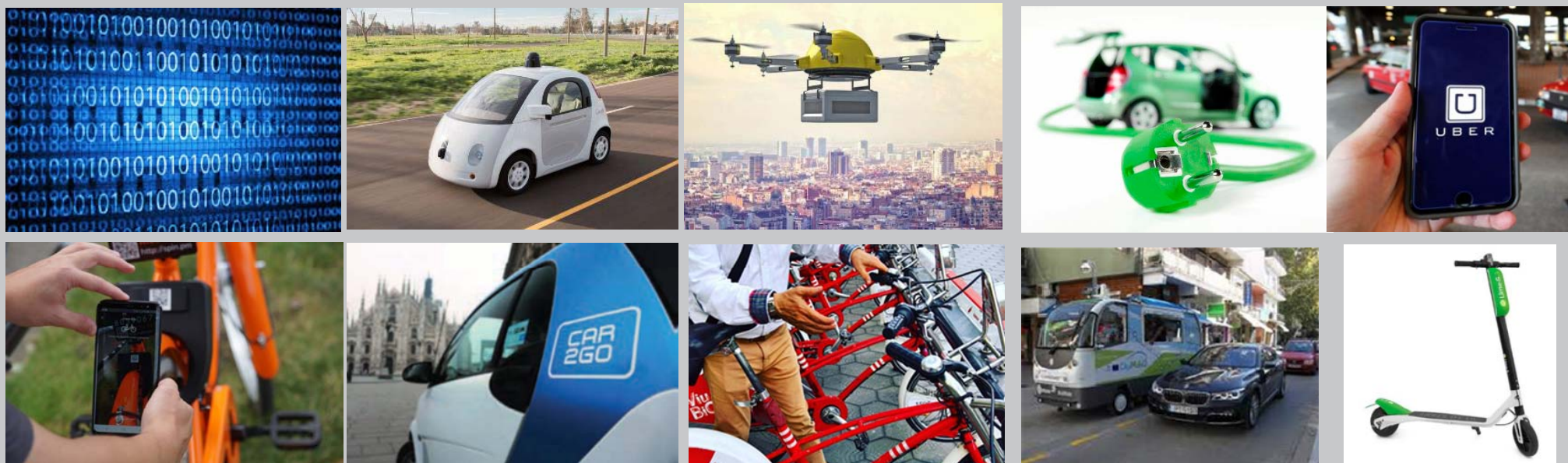


Sustainable Urban Mobility Policy



**Multimodal – Intermodal – Clean – Safe – Flexible – Affordable – Connected –
User-centric – Inclusive – Shared – Healthy – Seamless ...**

Innovation is at the heart of the new mobility ecosystem



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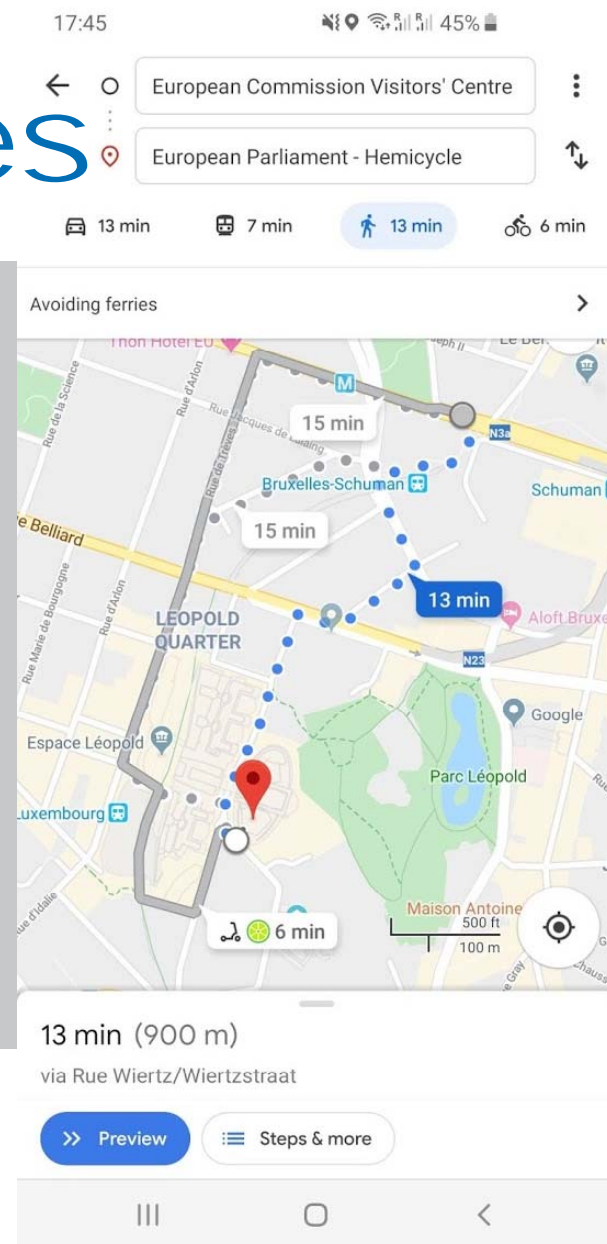


Changing role of the local authority

New technologies for electric, shared and connected vehicles, and the advent in the near future of autonomous intelligent (transport) systems pose many questions about **infrastructure and city planning**.

New mobility services

..and the impact they have
on people's behavior





The public authority as urban space manager



Land use planning -
densification

Prioritising modes
through space
reallocation

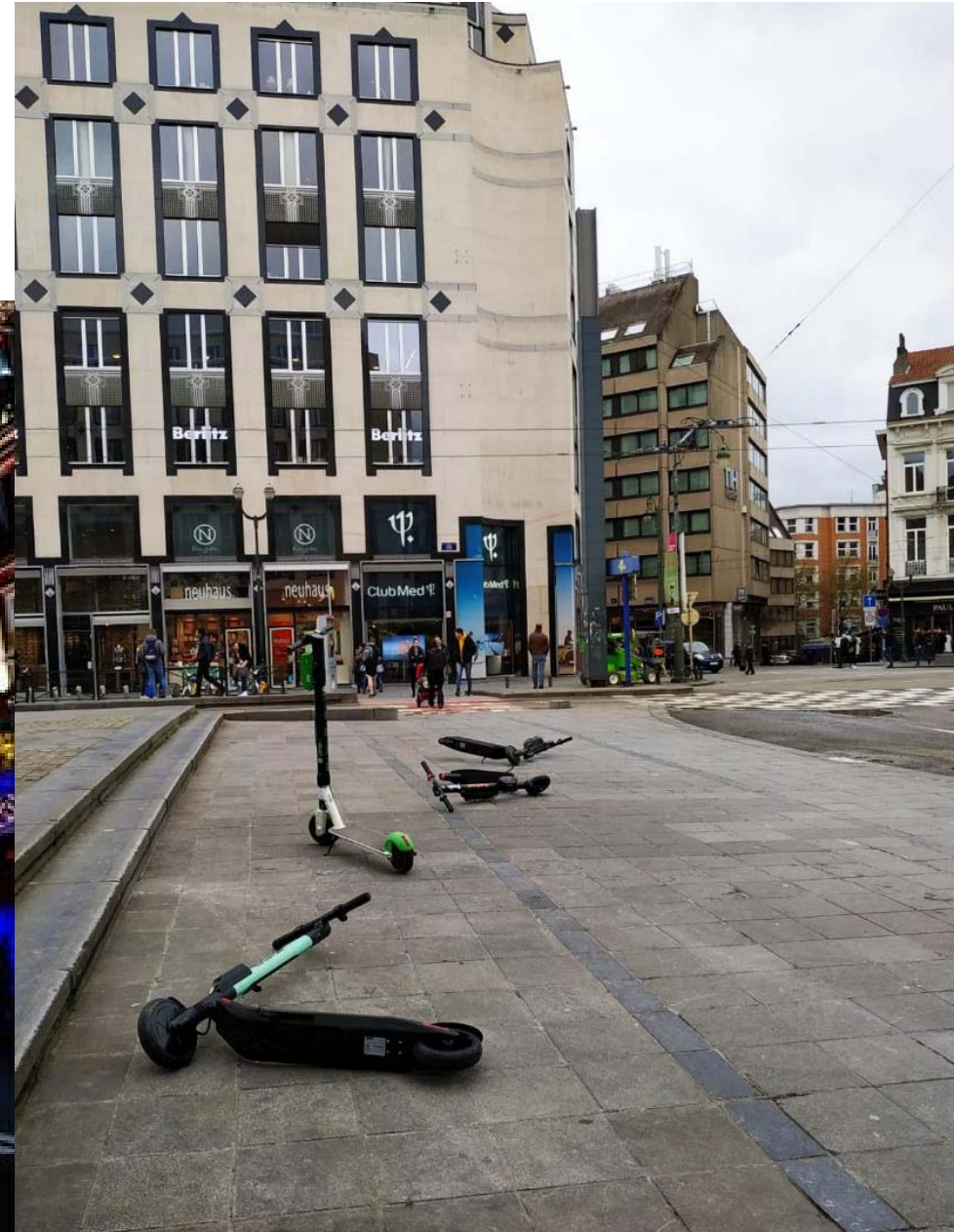
Pricing space

Transport
interchanges

Dynamic kerbside
management

e-Scooters

- Massive and fast deployment, take-up & investments
- Infrastructure: where does it fit?
- National legislation
- Safety concerns
- First / last mile
- Street clutter?





Modal shift

Survey by 6T among Lime users in Paris, Lyon and Marseille:

- 66% men
- 42% tourists or visitors
- 53% higher positions, 19 % students
- 7% rent one every day, 1/3 once a week
- 39 % of trips during the weekend

How would trips have been made otherwise?



47% on foot



29% by Public transport



9% by bike



8% by car

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06 JUIN 2019 PAR OLIVIER RAZEMON

Une enquête inédite sur les utilisateurs des trottinettes électriques



Trottinettes et déambulateur. Paris, juin 2019

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Decarbonising transport

- Electromobility PT & micromobility / carshare
- Vehicle to Grid technology

An opportunity to re-design public space!

This is a newly designed bi-directional and segregated cycling track on the inner Brussels ringroad

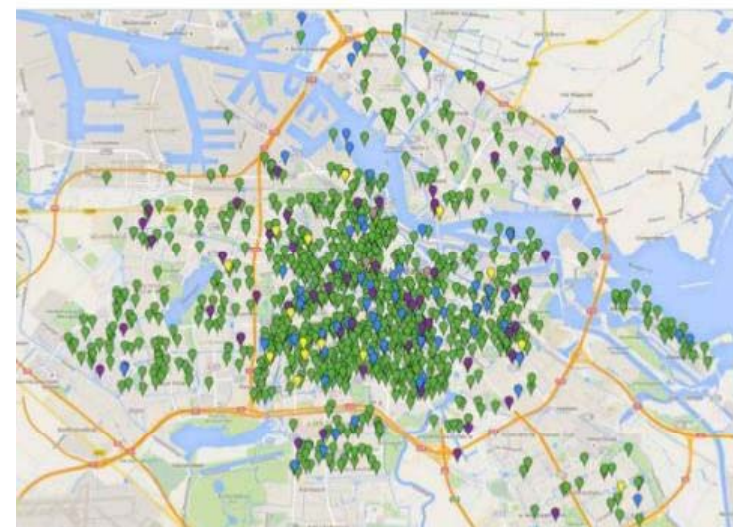
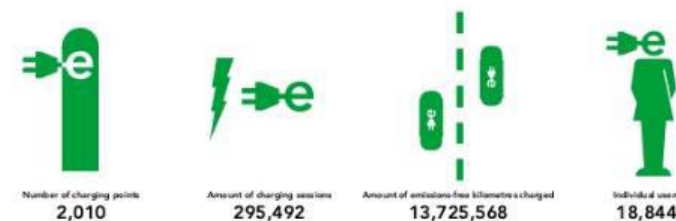




How does electromobility impact cities? Infrastructure (1)

Re-charging policy: demand-driven

- GIS tool: Who, where, when.
- The Dutch model
- Example: **Amsterdam**

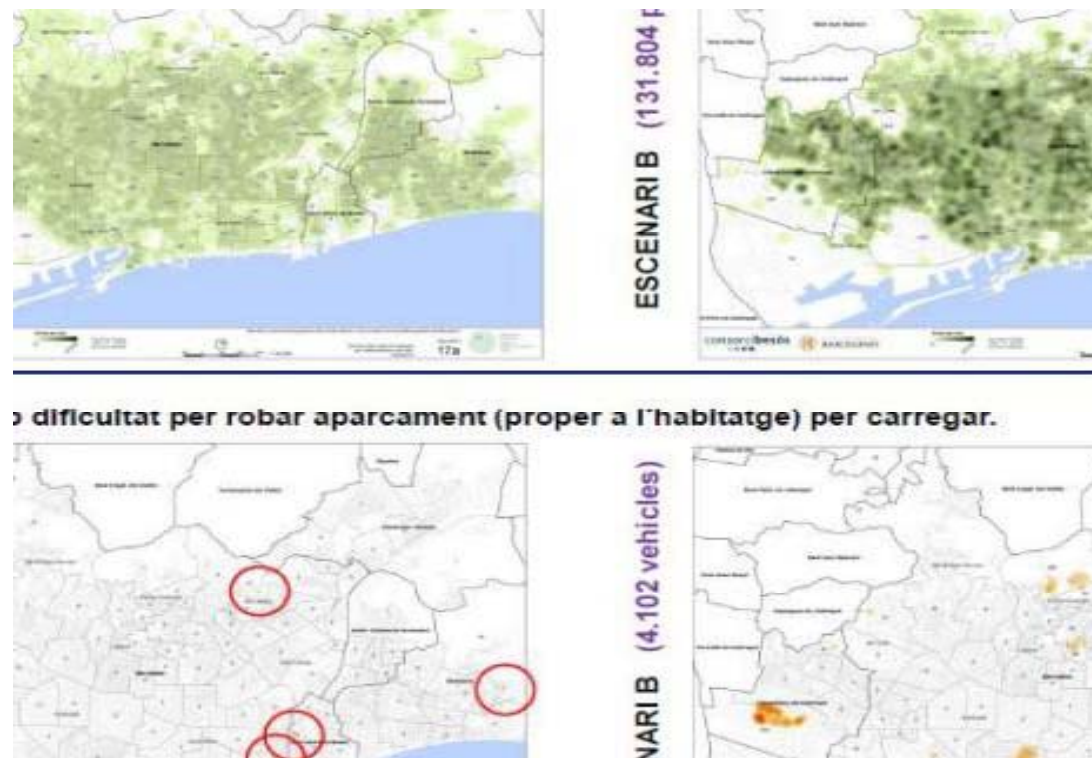




How does electromobility impact cities? Infrastructure (2)

Re-charging policy: spatial and population coverage

- The example of **Barcelona**
- Approach “Charges where it parks and not parks where it charges”
- Promotion of recharging at home and/or at work.



How does electromobility impact cities?

PARKING policies/approaches

- Free parking as an incentive for electromobility
- Until when?
- Paying for parking? Charging? Both? None?
- Enforcement of time charging





Shared & Electric Mobility Hubs

Interreg 
North-West Europe
eHUBS
European Regional Development Fund



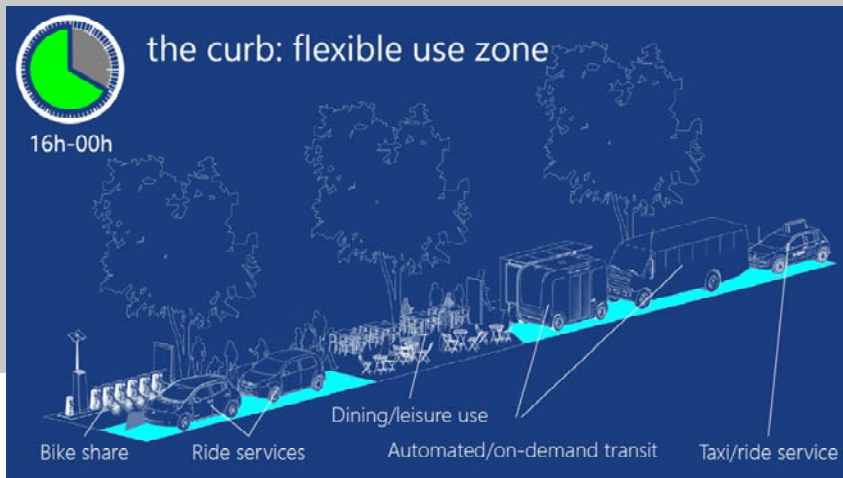
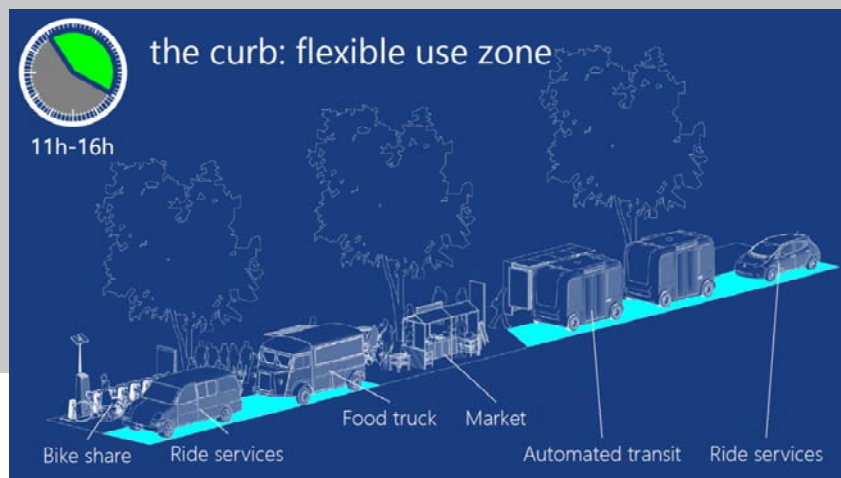
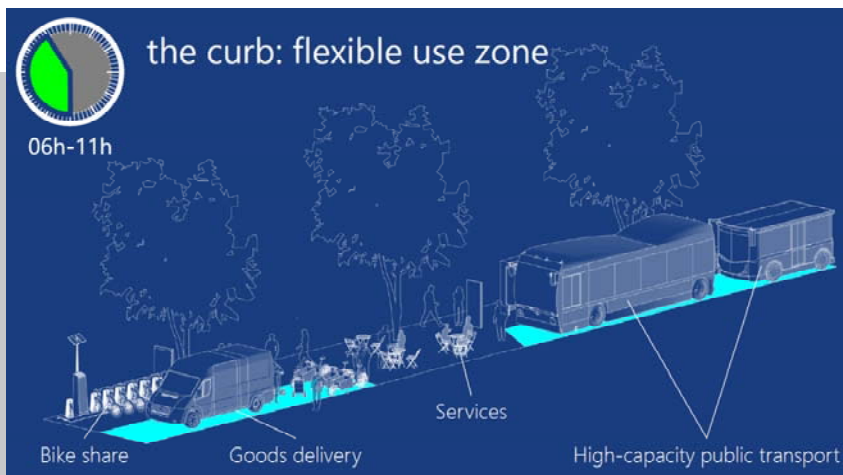
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Curbs: flexible, dynamic and self-adjusting spaces





Cooperative, Connected and Automated Mobility (CCAM)

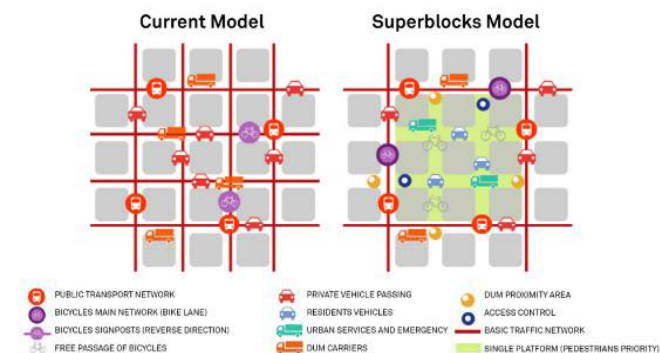
Infrastructure
VRU and road safety
Liability
User acceptance
Traffic Management
MaaS integration



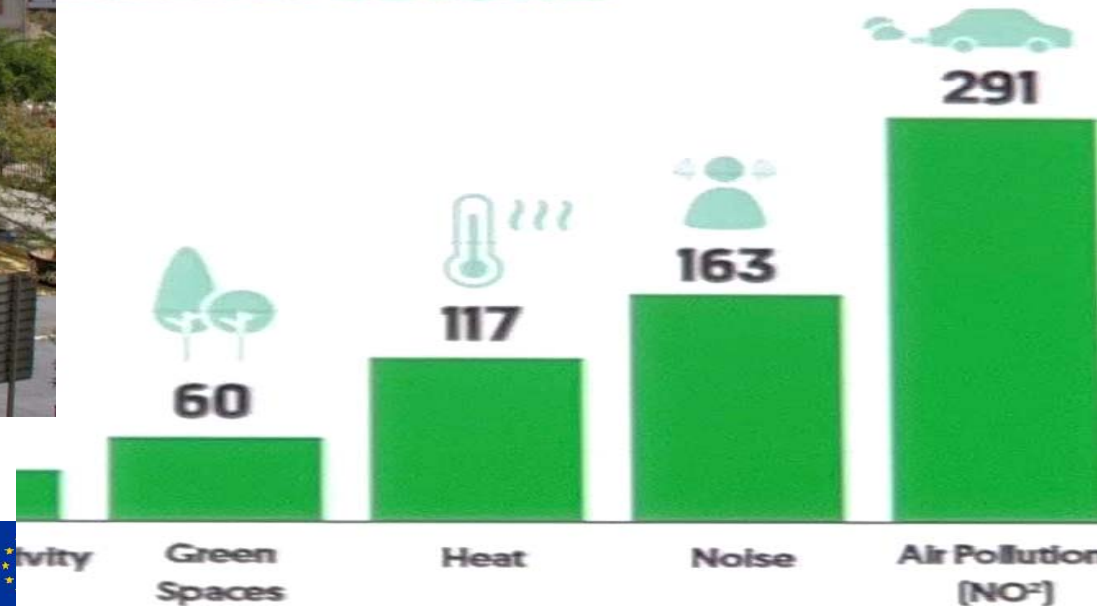
Building better cities - Barcelona



Ajuntament de Barcelona
Urban Mobility Plan of Barcelona 2013-2018
SUPERBLOCKS MODEL



Superblocks" Model Could in Barcelona





A bad new: a climate emergency



Venice IT, November 2019
Images: Il Sole 24 Ore

SUMPs can help to tackle the challenges imposed by the climate emergency



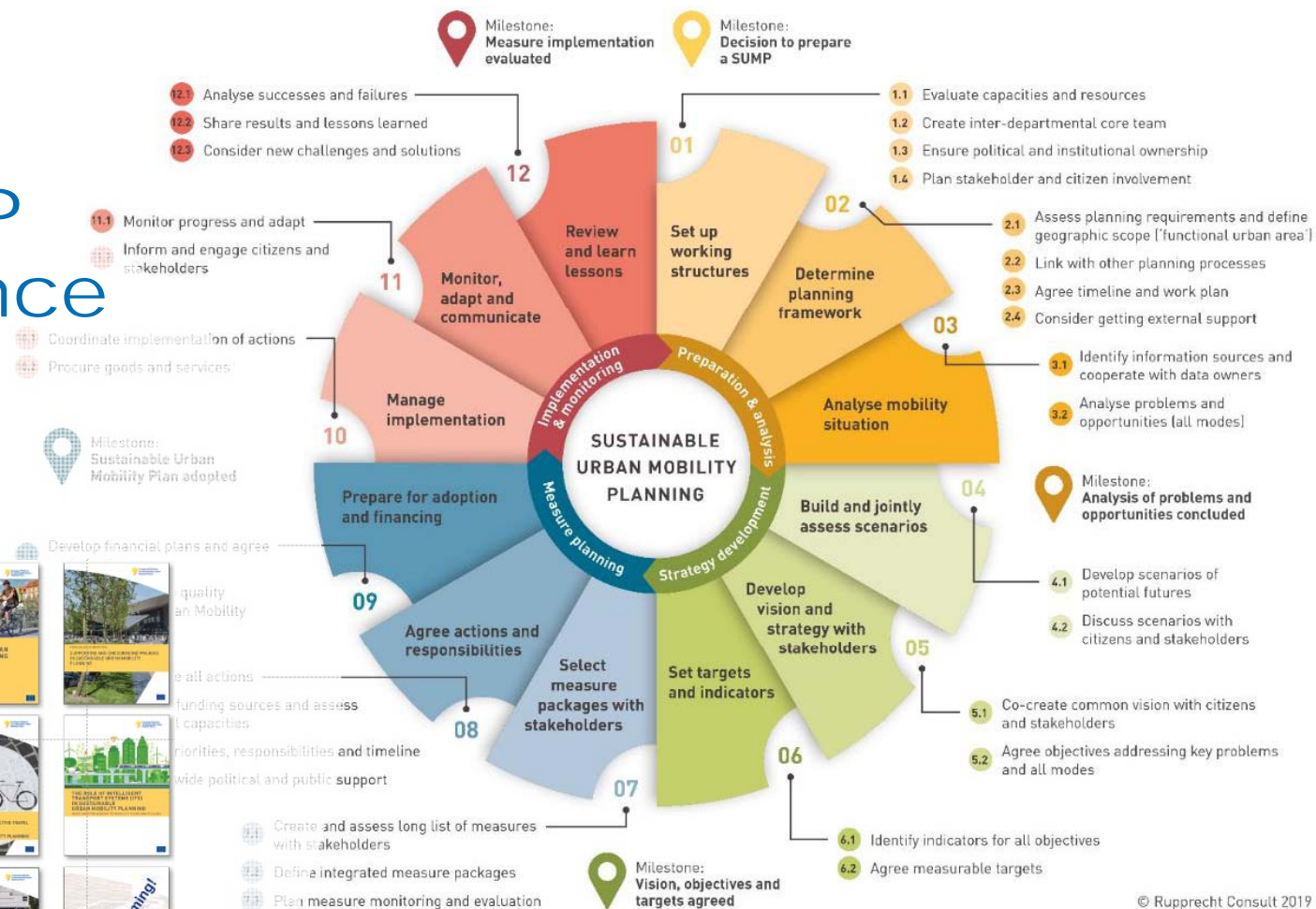
Photo: freepik



Photo: Christopher Hunt/GQ Magazine/PA Wire

The new SUMP cycle & guidance

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Thank you!



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