EUROPEAN CYCLISTS' FEDERATION

# Cycling SMARTer

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*“When I see an adult on a bicycle I do not despair for the future of the human race.”*

***H. G. Wells***

# SMARTER MOBILITY AND CYCLING

ARC CARS

Premier
Premier100
46 46 46
J572 GM

國花
TAKEAWAY
484059
TO LET
NEATES
COMMERCIAL

STOP KINDERMOORD
veilige voet- en fietspaden

BUT……

Collaborative systems

Circular economy

Intelligent transport systems

Digitalisation

Sharing economy

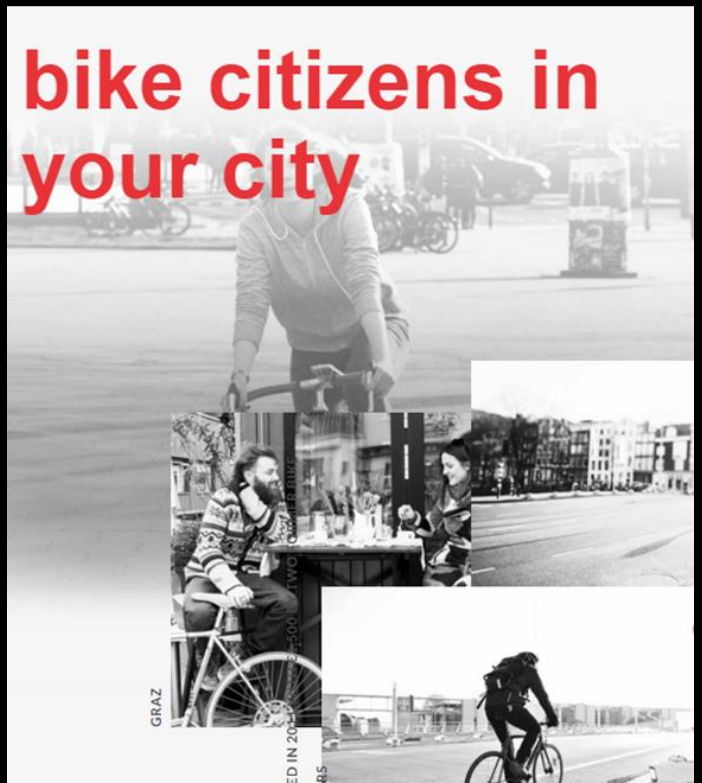
Autonomous vehicles

Big data

Internet of things

Smart grids

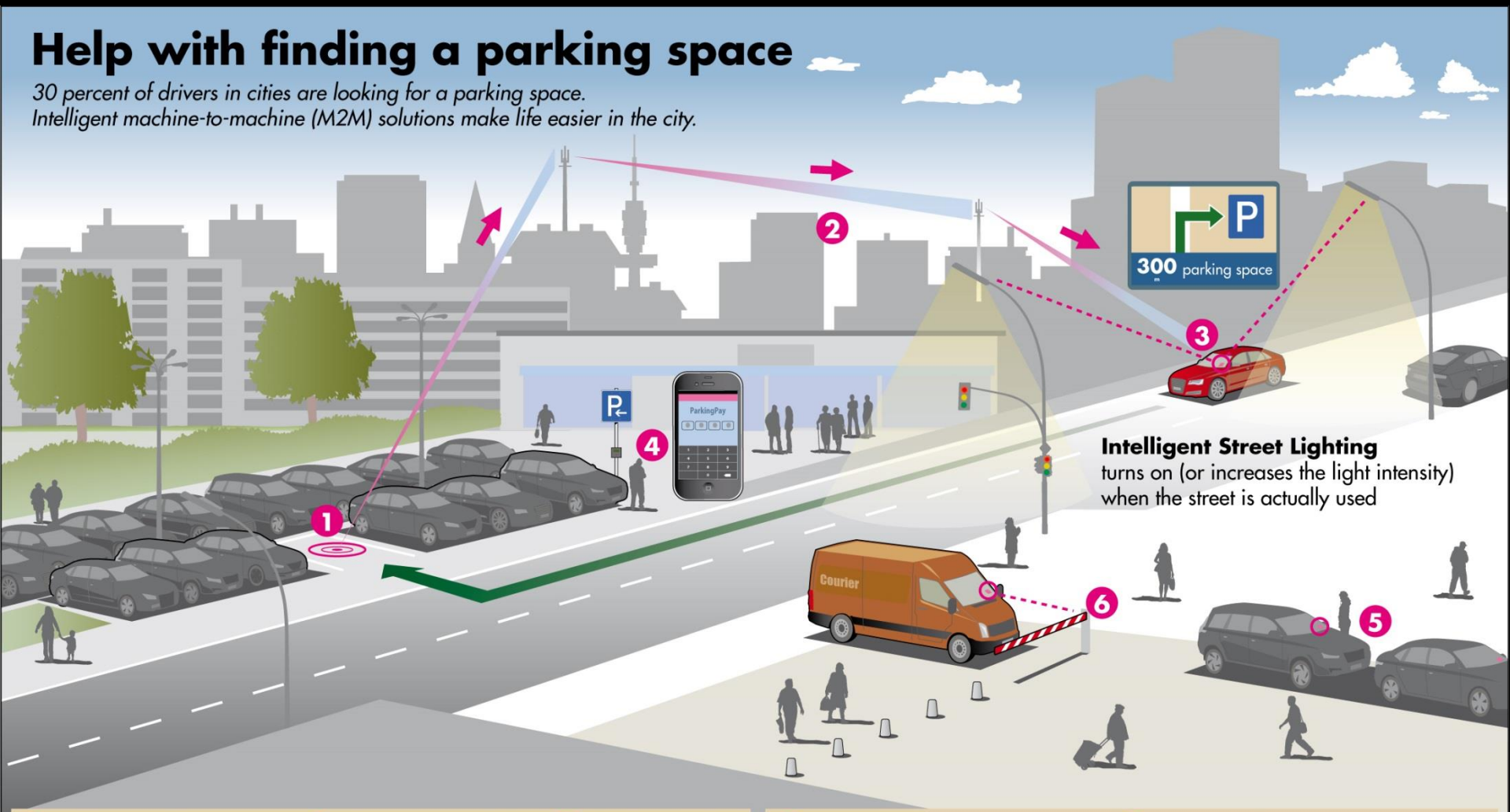
bike citizens



# IMPROVING THE SAFETY AND MOBILITY OF **V**ULNERABLE **R**OAD **U**SERS THROUGH **ITS** APPLICATIONS

# Help with finding a parking space

*30 percent of drivers in cities are looking for a parking space.*
*Intelligent machine-to-machine (M2M) solutions make life easier in the city.*




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

Source: Deutsche Telekom

MOVE FORWARD

DISRUPTIVE TECHNOLOGY MOBILITY & LIVING LEGAL FRAMEWORK COMMUNITY ABOUT

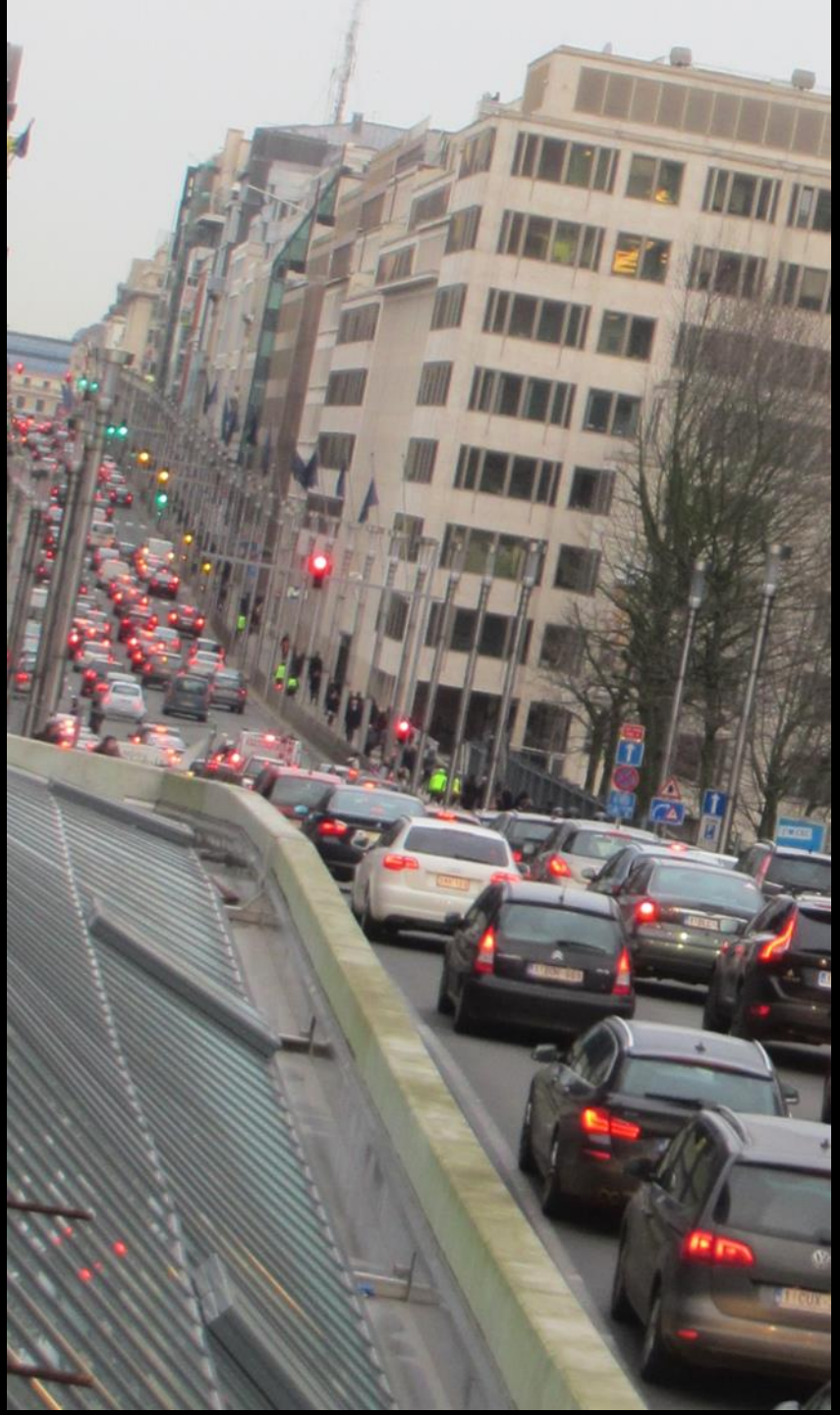
# U.S. government to address the potential impacts of autonomous vehicles

on 24 Feb 2016 by Maria Westervelt

**Recently, U.S. Department of Transportation (USDOT)'s Secretary Anthony Foxx revealed another little bit of the U.S. President's budget plan at the Detroit International Auto Show. Foxx announced that Obama is "proposing nearly 4 billion US dollars over 10 years to fund pilot projects that help accelerate the development and adoption of safe vehicle automation."**

PLANCK

# DECISION TIME



1

# 2. Redefine the Smart City in human terms

"Smart City offers sustainability in terms of economic activities and employment opportunities to a wide section of its residents, regardless of their level of education, skills or income levels”

Indian Government 2014

3

# We are

Customers
Partners
Parents
Educators
Flexible
Sharing
Informed
Data

Tax payers
Businesses
Travelers
Digital citizens
Multi-modal
Researchers
Voters
Suppliers

# smart and valuable

EUROPEAN CYCLISTS' FEDERATION

# Thank you

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