





FUNDACIÓ**MAPFRE** 

# Bike Pal Project Final Conference 22 September 2014

## Cycling in the EU



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## EU ambition: road safety/CO2 Targets



 Cut the yearly number of road deaths by 50% between 2011 and 2020.

 Reduce green house gas emissions by 20% by 2020.



## White Paper on transport

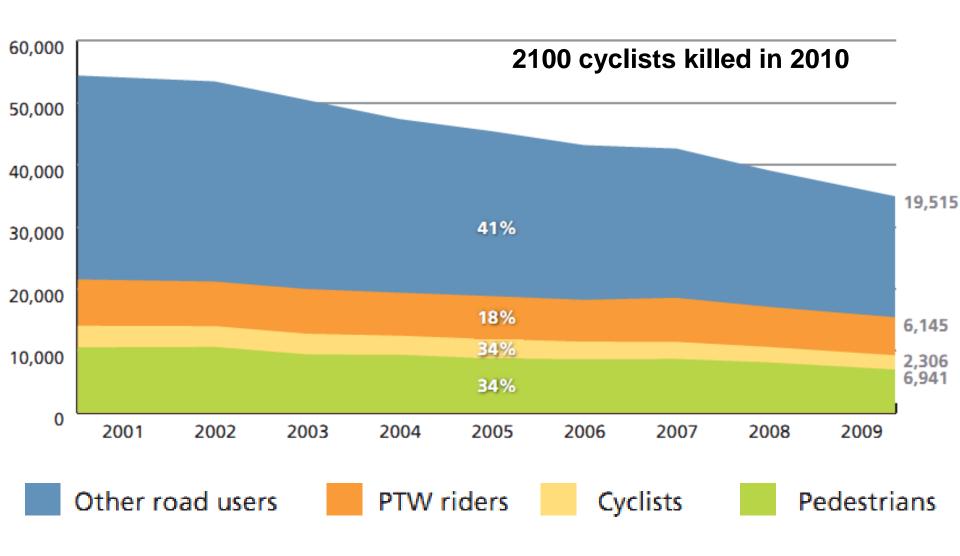
- Nearly 50% of all car trips are shorter than 5 kms
- Governments need to promote walking and cycling

#### **BUT**

 People will not choose these means of travel unless they are made safer



## Reduction in road deaths since 2001

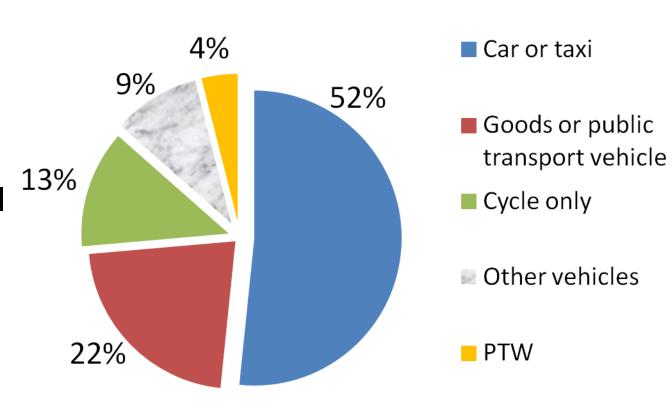




## Cyclists and traffic

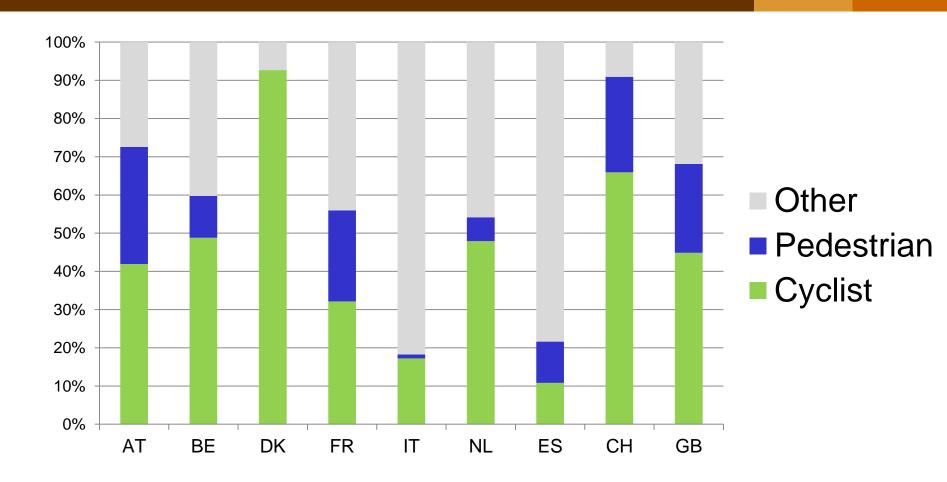
- 50% of cyclist deaths follow collisions with cars/taxis
- 22% follow collisions with goods/public transport vehicles

200 cyclists
killed in 2010
in a collision
involving a
HGV (7% of all
deaths
involving a
HGV)





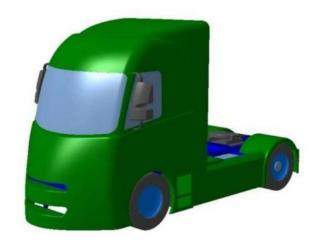
## **HGVs-VRUs: Blind Spots**



Percentage by type of road user of those killed or seriously injured in a collision with a goods vehicle over 3.5t performing a near-side turn. *Average 2008-2010.* 



## Vehicles



 Proposal for a Directive on the weights and dimensions of trucks



- Intelligent Speed Assistance
- Advanced Emergency Braking

But no trade-off with passive safety measures!



#### **Behaviour**

#### Cyclists:

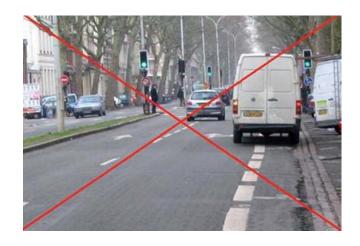
#### Information and training:

- Respect the traffic rules
- Be visible
- Be aware that drivers of heavy vehicles cannot see a cyclist in their blind spot.



#### **Drivers:**

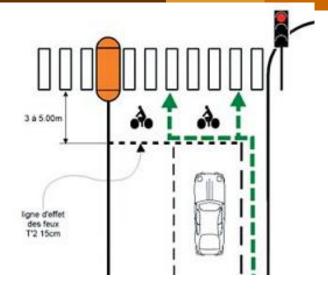
- Include training of interaction with vulnerable road users as part of initial and periodic training of all drivers
- Enforcement of parking rules.





# Transport planning

- Advanced stop lines
- Safe crossing facilities
- Develop a policy of modal priority for road users, particularly in urban environments
- Include targets on safe cycling in the European urban mobility scoreboard







# Manage speed











### Thank you for your attention

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## Challenges

- Lower levels of reporting
- Lack of exposure data
- Tackle the issue of cyclist seriously injured



## Safety in numbers

