



Cerema

Centre d'études et d'expertise sur les risques,
l'environnement, la mobilité et l'aménagement

Why it is safe for a cyclist not to stop at every red traffic light

Thomas Jouannot CEREMA / Pierre Toulouse, French ministry of ecological and solidary transition



What is the point of implenting
traffic lights ?

POLICE NOTICE.

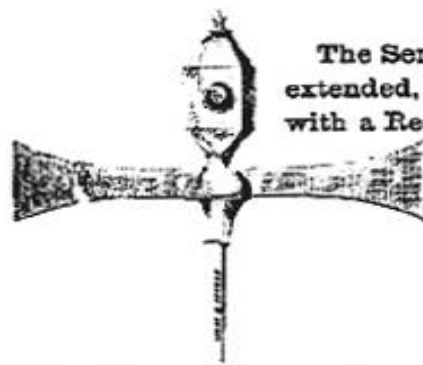
STREET CROSSING SIGNALS. BRIDGE STREET, NEW PALACE YARD.

CAUTION.



The Semaphore Arms lowered, and by Night with a Green Light.

STOP.



The Semaphore Arms extended, and by Night with a Red Light.

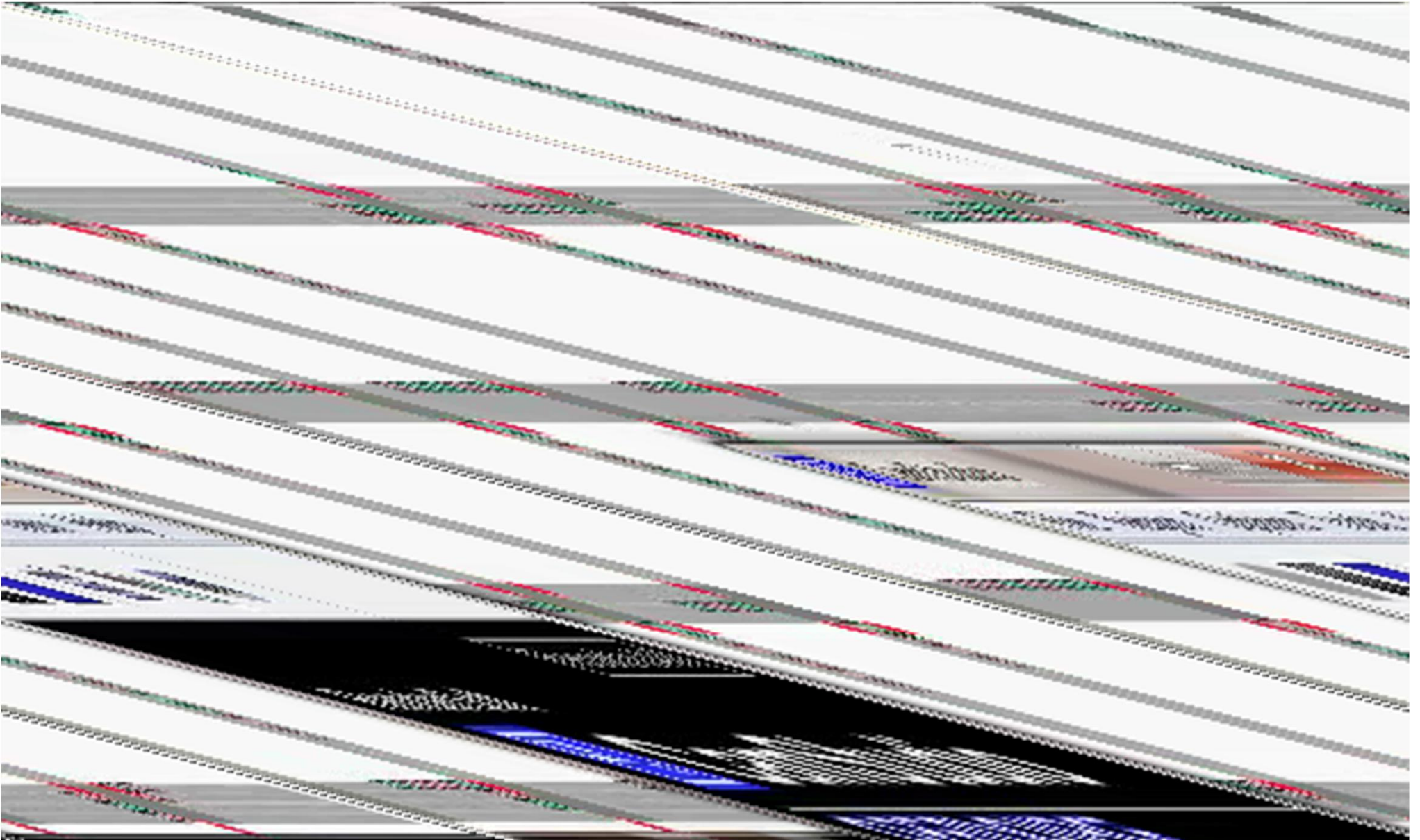
By the Signal "CAUTION," all persons in charge of Vehicles and Horses are warned to pass over the Crossing with care, and due regard to the safety of Foot Passengers.

The Signal "STOP," will only be displayed when it is necessary that Vehicles and Horses shall be actually stopped on each side of the Crossing, to allow the passage of Persons on Foot; notice being thus given to all persons in charge of Vehicles and Horses to stop clear of the Crossing.

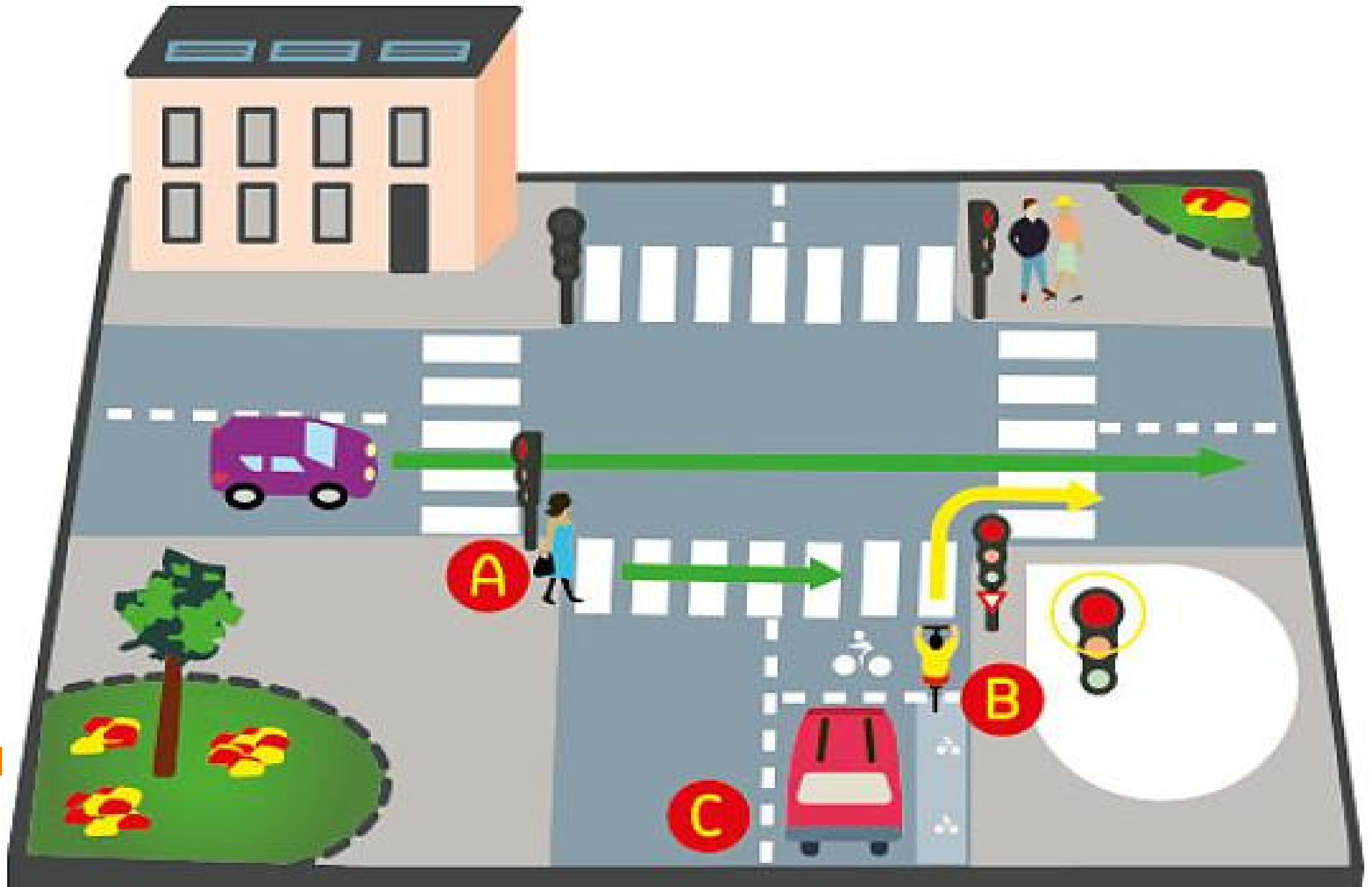
RICHARD MAYNE,

Commissioner of Police of the Metropolis.

Traffic lights = a tool for traffic management

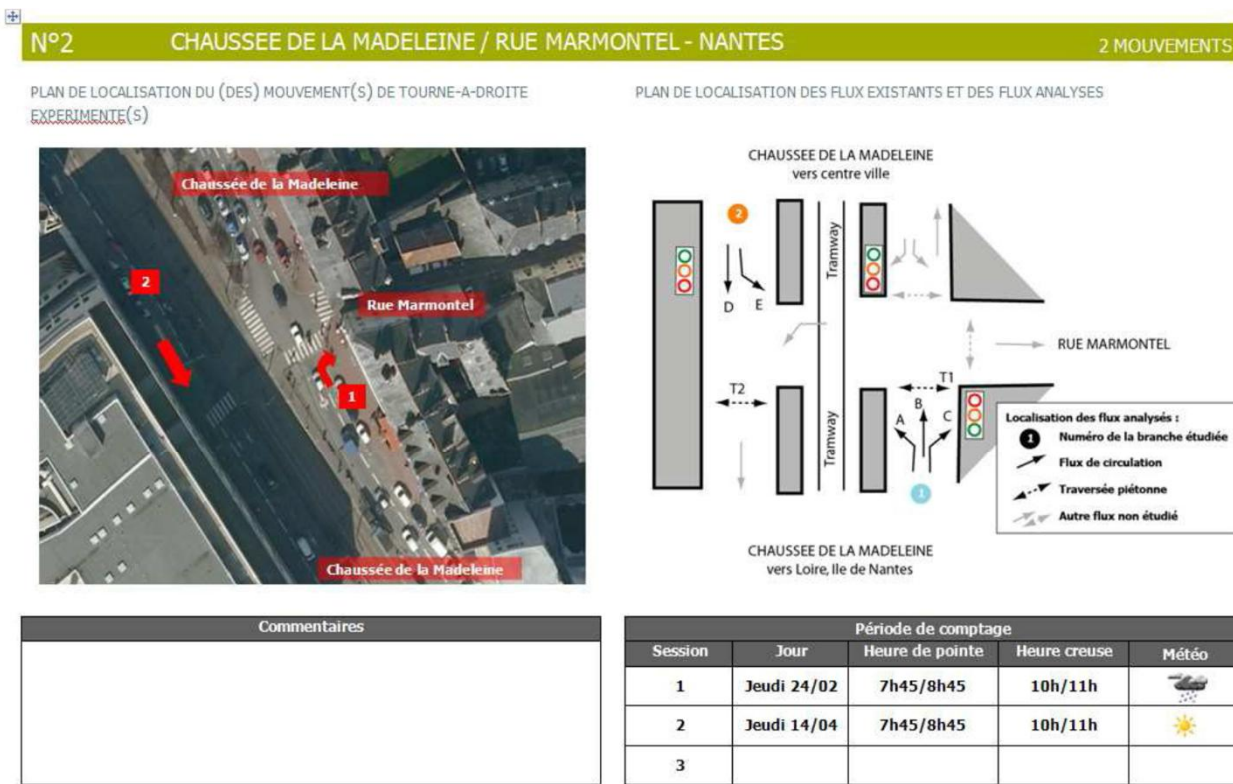


Why special rules for cyclists ?



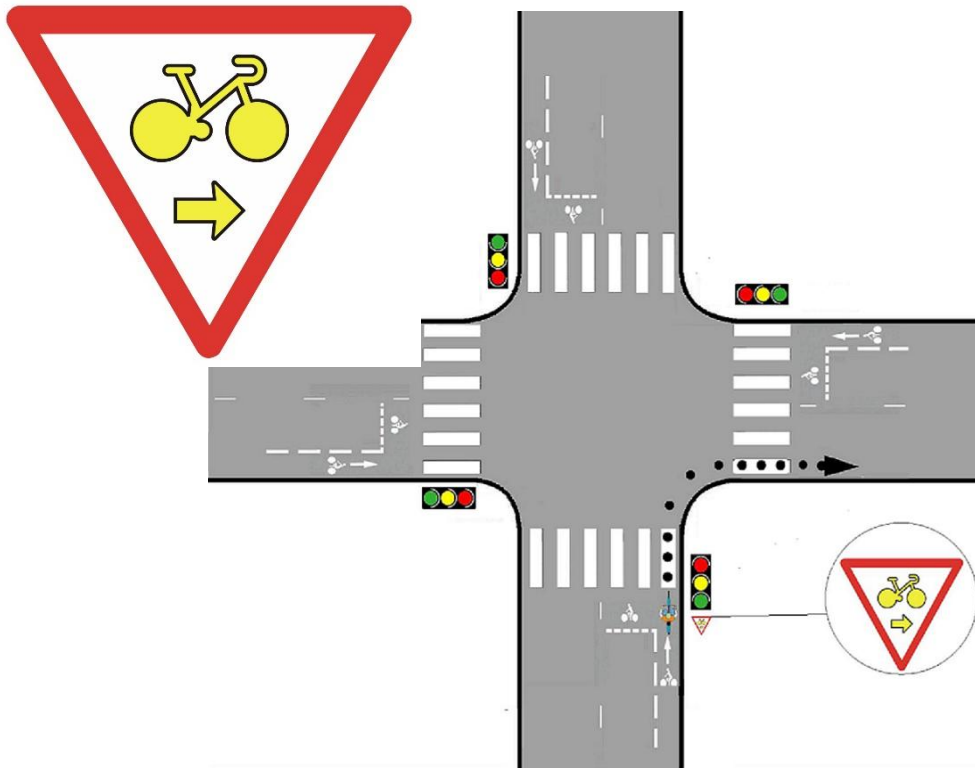
Being authorised not to stop at every red traffic light : the french history

- 2010: Principle in traffic code
- 2011: Experiment : Nantes

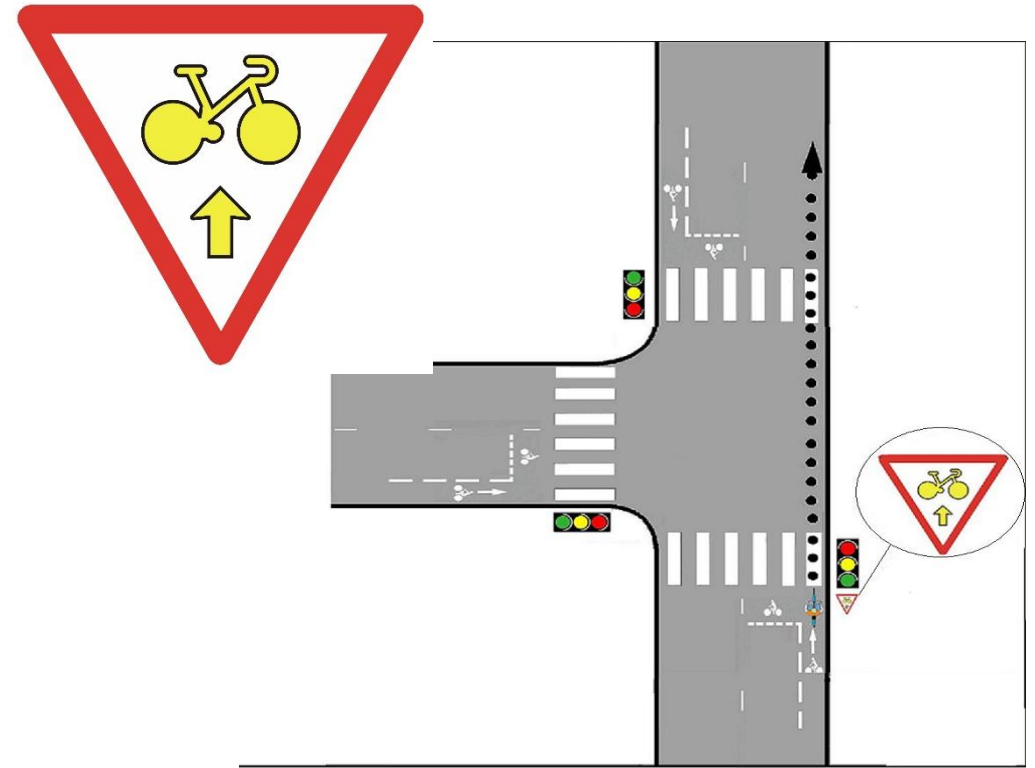


Being authorised not to stop at every red traffic light if you are a cyclist

2012 : turning right



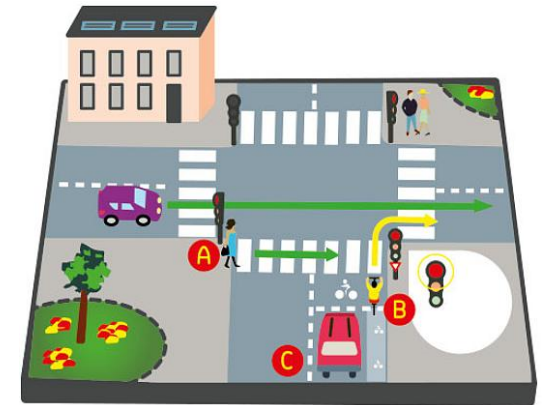
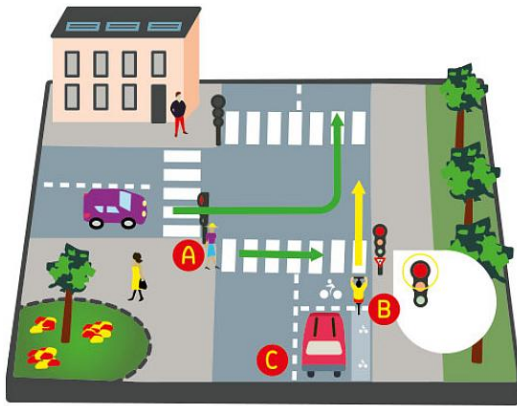
going straight on
(in T junctions only)



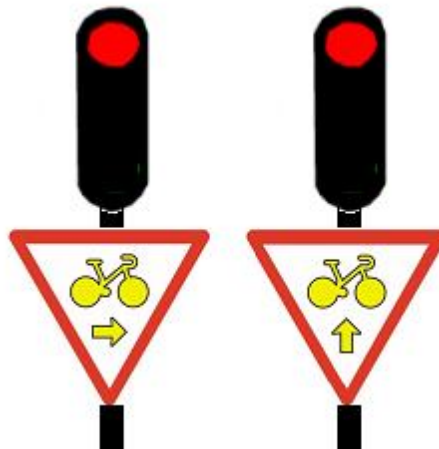
2015 : more than 100 cities



2 500 intersections

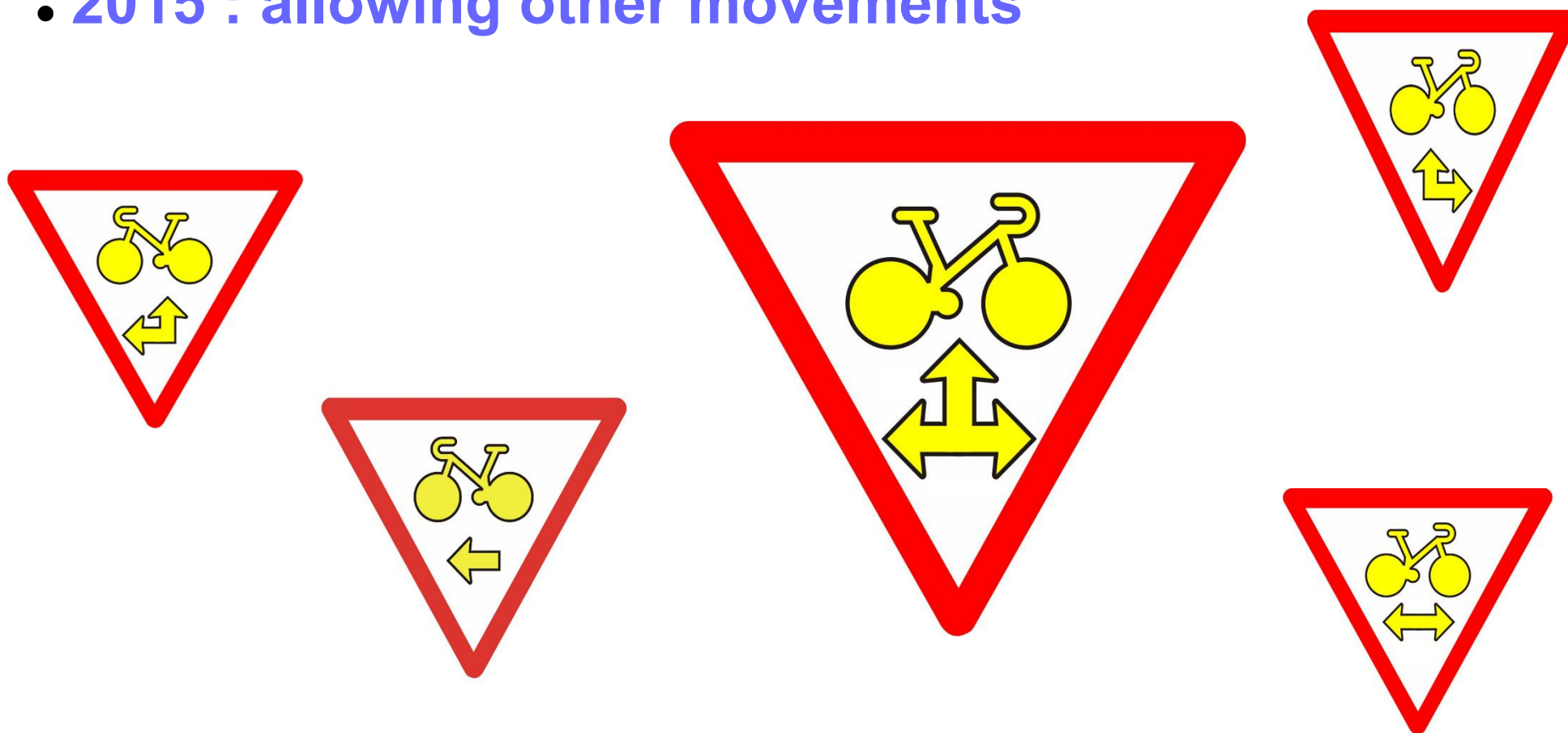


8 000 signs



Being authorised not to stop at every red traffic light

- 2015 : allowing other movements



Red light: trust cyclists !

movie

Being authorised not to stop at every red traffic light

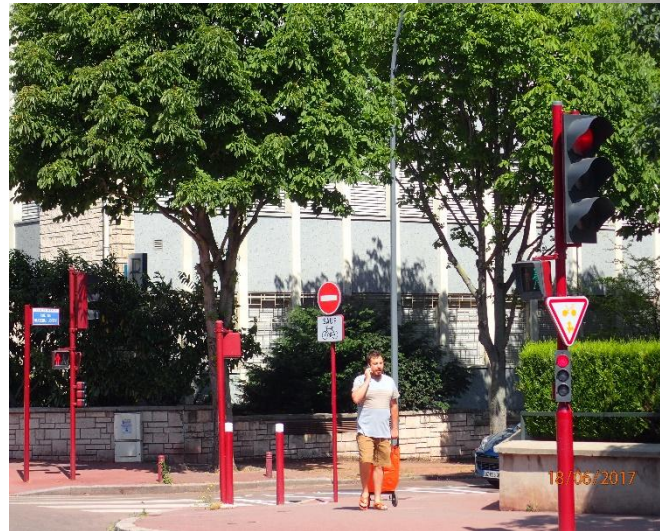
- 2016 :

Sceaux (20 000 inhab.)

10 km south of Paris

**New signs in
nearly every
signalized
intersections**

**0 accident before
0 accident after 1
year**

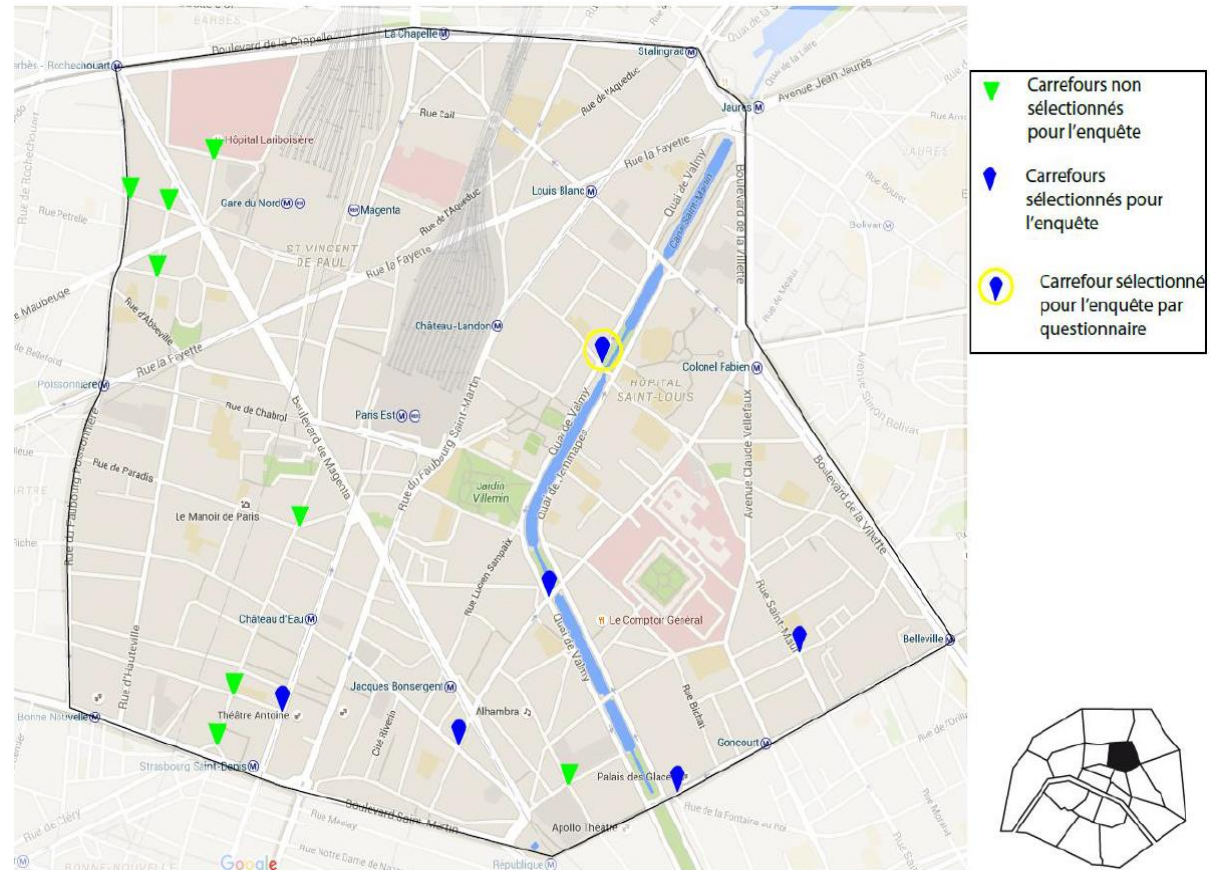


Being authorised not to stop at every red traffic light

- 2016 :

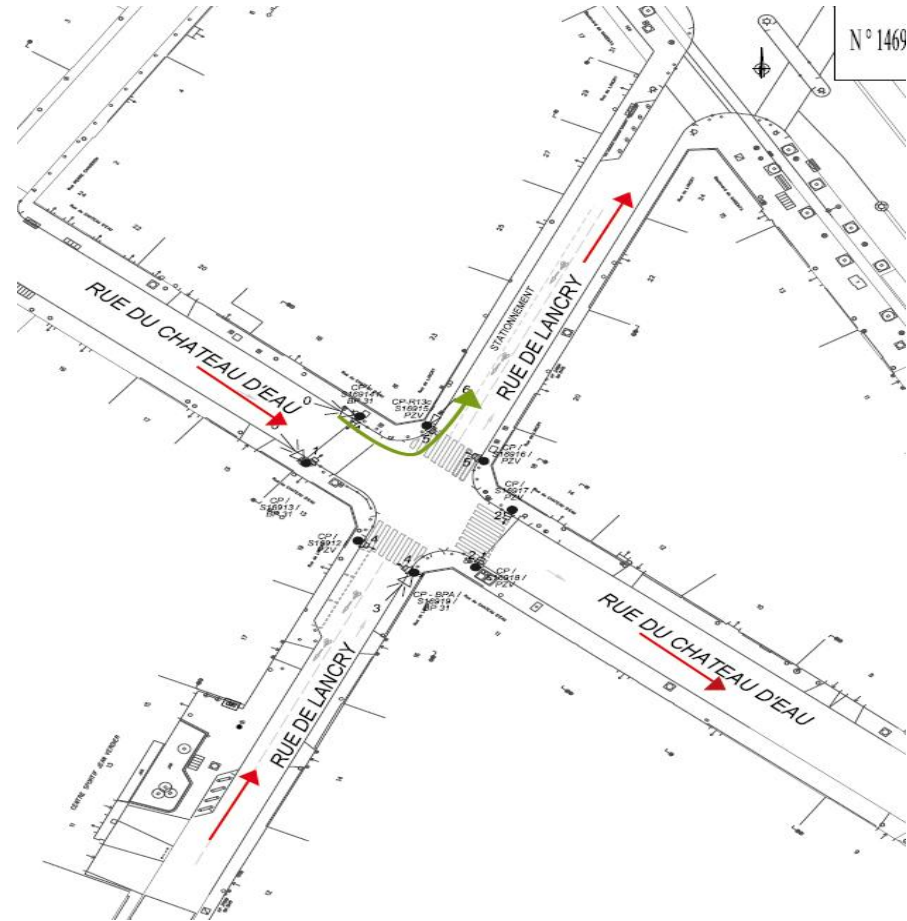
Paris experiment :
(10th arrondissement)

14 intersections



Being authorised not to stop at every red traffic light

- 2016 Paris experiment:

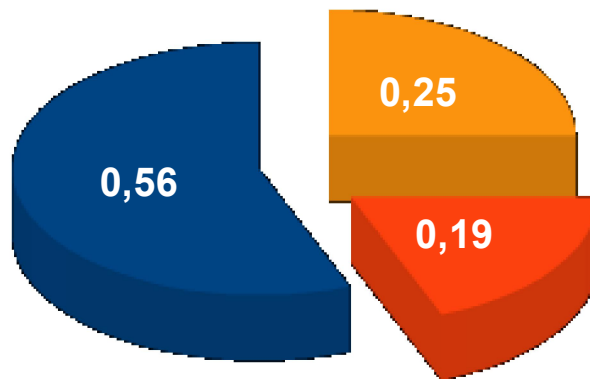


Being authorised not to stop at every red traffic light

2016 Paris experiment : Safety feeling of cyclists

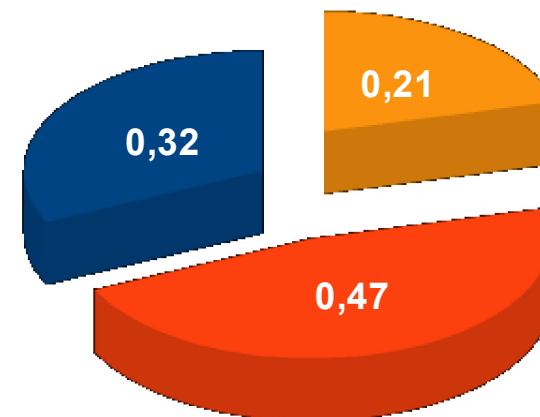
Crossing at red light

- not or little dangerous
- dangerous or very dangerous
- fairly dangerous



Crossing at green light

- not or little dangerous
- dangerous or very dangerous
- fairly dangerous



Being authorised not to stop at every red traffic light

2016 Paris experiment : Knowledge of the rule by cyclists

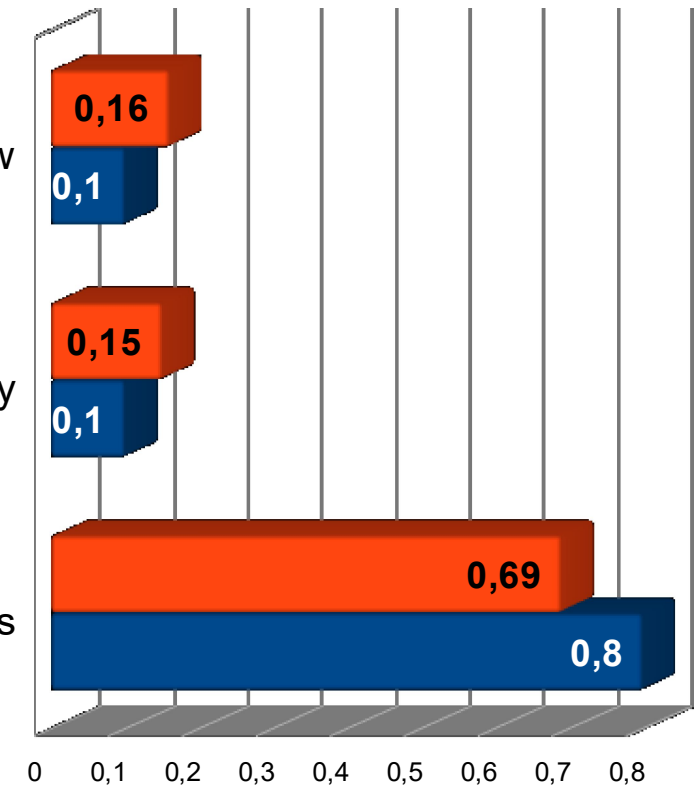
■ 2016

■ 2012

Do not know

Allow cyclists to cross at red light and he have the right of way

Allow cyclist to cross the red light but only after giving the way to other users



Thank you for attention !

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