



Actions to prevent ghostdriver

Road Safety Conference
8 March 2016



ASFA OBSERVATORY ON GHOSTDRIVERS

ASFA Observatory on ghostdrivers : a common reference

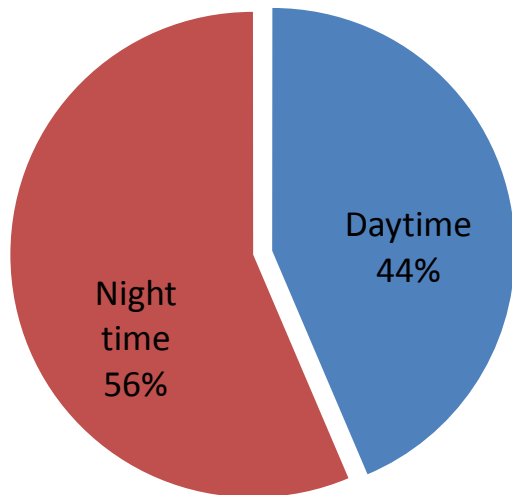
Ghostdrivers	2010	2011	2012	2013	2014
Total	261	332	348	422	452
Ghostdriver crashes <i>% crashes</i>	36 <i>14%</i>	38 <i>11%</i>	35 <i>10%</i>	36 <i>9%</i>	33 <i>7%</i>
Material damages	21	14	16	13	14
Fatalities	7	12	4	17	12
Seriously injured	8	11	15	19	9
Lightly injured	15	27	21	20	24

Increase between 2010 and 2014 partly explained by detection systems more effective

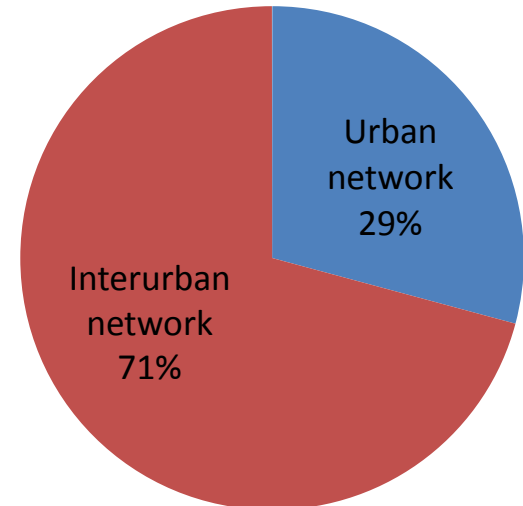
ASFA OBSERVATORY ON GHOSTDRIVERS

2014 Statistics

Rate of ghostdrivers is relatively higher at night, when traffic is low (10%)



Rate of ghostdrivers is relatively higher on urban networks which counts for only 8% of total network



FATAL GHOSTDRIVER CRASHES

Fatal ghostdriver crashes on motorways (2005-2014)

➤ 4.9 % of total fatal crashes and 6.2 % of fatalities on tolled motorways

Over-representation of elderly road users

➤ 48 % of ghostdrivers are 70 yrs old or more. 26 % are 80 yrs old or more.

Over-representation of fatalities caused by drunk driving

➤ 40 % of fatal ghostdriver crashes are associated with drunk driving (average blood alcohol content: 2.1 g/l)

Over-representation of fatal ghostdriver crashes at night

➤ 50% of fatal ghostdriver crashes occur between 21:00 and 7:00

STUDIES

- Study on factors inducing ghostdriver behaviour et toll gates
 - Phase 1 : contextual analysis and on-site visits
 - Phase 2 : Focus groups including drivers in order to characterize ghostdriver behaviour – analysis of drivers' feelings

- Study on alert messages to the attention of drivers facing ghostdrivers
 - Qualitative study based on road user focus groups

HARMONISATION OF ALERT MESSAGES

➤ Variable Message Signs

In case of ghostdriver alerts, messages on VMS send back to Radio 107.7 for appropriate information on the road event.



HARMONISATION OF ALERT MESSAGES

➤ Sound alert

The sound alert warns road users who drive in the right direction that a ghostdriver has been reported on the motorway section on which they currently drive.

[Ecouter l'alerte](#)

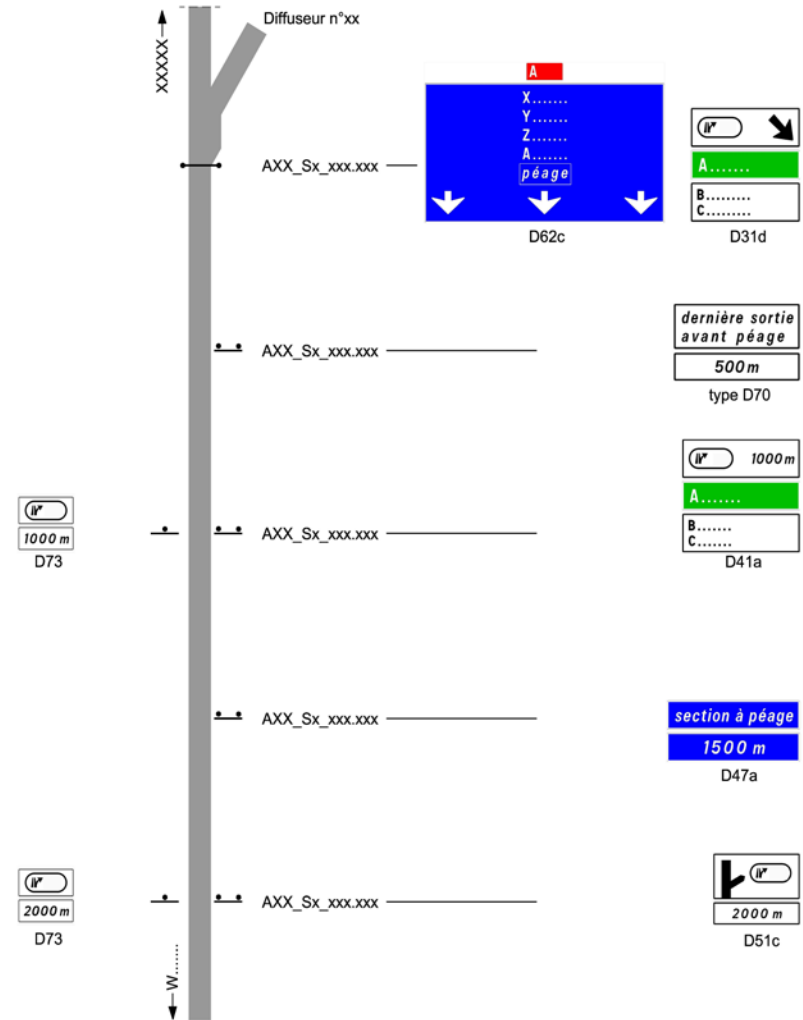
➤ Recommendations

The sound alert recommends the following actions to be taken:

- Stop on the next service or rest area
- Slow down in order to increase safety distance as well as field of view
- Do not overtake other vehicles

« LAST EXIT BEFORE TOLL »

- Observation of driving behaviour :
 - **25%** come from U-turns at toll gates (drivers do not want to enter a toll section)
- Enhancement and harmonisation of signs to inform on the last exit before toll



NO WAY SIGN ON YELLOW BACKGROUND

- A new sign was created by Order of 11 June 2015 (red no way sign on deep yellow background) in order to fight against ghostdrivers
- Deployment primarily on suburban networks and specific areas (areas in specific road environments or areas on which numerous ghostdrivers have been reported)

