WHITE PAPER 2011: Towards a ‘zero-vision’ on road safety

POLICY ORIENTATIONS ON ROAD SAFETY 2011 - 2020
The “zero vision”

- No loss of life is acceptable
- Based on the simple fact that we are human and make mistakes
- The road system must be designed to protect users
Goal 3: Ensure healthy lives and promote well-being for all at all ages:

By 2020, halve the number of global deaths and injuries from road traffic accidents
The “-50%” objective

- A political & global commitment
- - 43% achieved (2001 – 2010)
- - 19% achieved (2010 – 2016)
EU fatalities and targets 2010 - 2020

EU 2020 target
EU road fatalities
2010 target
Fatality rates 2016
Fatality rates

Fatalities by population

- Lowest EU: 26
- Israel: 36
- Norway: 38
- Japan: 47
- EU: 51
- Australia: 54
- Europe: 93
- Highest EU: 98
- USA: 106
- Russia: 189
- Africa: 266

World: 266
Main 2016 figures

In the EU

- 25,500 people died in road accidents
- 50 fatalities by million inhabitants
- 1 Million accidents
- 1.5 Million injured
- \( \frac{1}{4} \) Million seriously injured
Main 2015 figures

In the EU fatalities

- 25% in urban areas
- 20% < 25 years all
- 75% men
- 45% passenger cars
Share of all road deaths

- Car: 45%
- Pedestrian: 22%
- 2-wheelers: 26%
- Other: 7%
- Motorcycle: 15%
- Moped: 3%
- Bicycle: 8%
Main causes of accidents

User behaviour

- Inadequate speed
- Drink and driving
- Not use of seatbelt/helmet
  (non respect of rules)
Seriously injured as reported by police
Big differences between countries

Ratio: Seriously injured as reported / Fatalities

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Note: The numbers represent the ratio of seriously injured to fatalities.
AIS - Abbreviated Injury Scaling

Abbreviated Injury Score © – copyright by AAAM

AAAM - ASSOCIATION FOR THE ADVANCEMENT OF AUTOMOTIVE MEDICINE

Dedicated to limiting injuries from motor vehicle crashes
Description of the AIS and MAIS

The Abbreviated Injury Scale (AIS) severity score is on an ordinal scale of 1-6, with one indicating a minor injury and six being maximal (currently untreatable). The maximum AIS (MAIS) indicates the most severe injury that a patient sustains.
AIS codification

1. Direct codification on hospital registry from experts using AIS dictionary

2. Conversion from ICD codes to AIS using mapping table

The decision remains to each country
Seriously injured MAIS3+
http://ec.europa.eu/roadsafety
Thank you for your attention!

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