How Vision Zero can contribute to safety and sustainability for vehicle fleets

Claes Tingvall
Going downstream
(or simply finding the victim)
Going upstream
(or simply finding the systemic prevention)
ERRARE HUMANUM EST

Lucius Annaeus Seneca
Combined effect
~ 95 percent injury reduction

Sober driving
Speed compliance
Belt use

Normal driving

Deviation from normal driving

Emerging situation

Critical situation

Crash unavoidable

Speed management

Autonomous Emergency Braking (>1G)

Protective clothing
Ethics
Responsibility
Scientific methods
Driving forces and systematic development
Innovation

= Vision Zero
By 2050, move close to zero fatalities in road transport. In line with this goal, the EU aims at halving road casualties by 2020.

Make sure that the EU is a world leader in safety and security of transport in all modes of transport.
“OUR VISION IS TO DESIGN CARS THAT SHOULD NOT CRASH AND BY 2020 NO ONE WILL BE KILLED OR INJURED IN A VOLVO”
Joint effort to define boundary conditions
Sustainable – not just more sustainable!

- Compact and space efficient
- Fossil free
- Silent
- Clean air
- Safe
- Mobility for all
- Affordable
- Shared economy

…and new technologies
Geofencing

"ISA" that limits speed and access only for certain vehicles
Which automotive vehicles can travel amongst pedestrians?

Safe, slow and efficient
The Safety of the Vehicle fleet is a result of the Fleet owners competence, policy and willingness to act!
The Use of the Vehicle fleet is a result of the Fleet owners competence, policy and willingness to act!

And the design of the road infrastructure
The Use of Other’s Vehicle fleets is a result of the Fleet owners competence, policy and willingness to act!

And the design of the road infrastructure + ISO 39001
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