The Role of Vehicle Technology in Addressing Road Safety Challenges

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1.2 million fatalities

More people, growing cities
A holistic approach
Accident Research: Evidence-based approach

- Normal driving
- Conflicts
- Pre-crash
- Crash
- Post-crash on-site
- Post-crash off-site

Safety Impact Assessment
Forensic Engineering
Supporting the driver

Rear-end accidents

Lane changing accidents

Turning accidents

Instability accidents
Accidents causing serious injuries and fatalities to vulnerable road users.

30-35%

C1: 5%
C2: 5%
C3: 30%
C4: 20%
C5: 15%
C6: 5%
C7: 5%
C8: 5%
Other: 5-10%
Supporting the driver; right vehicle, training, active safety

Volvo Bus pedestrian detection and warning system

Volvo Trucks FL/FE Low-Entry Cab

Volvo Bus Zone Management
Collaboration is key to prevent accidents

- Policies and regulations
- Education and awareness
- Vehicle technology
- Research and cooperation
Thank you!