Volvo Alcolock

A tool against road fatalities

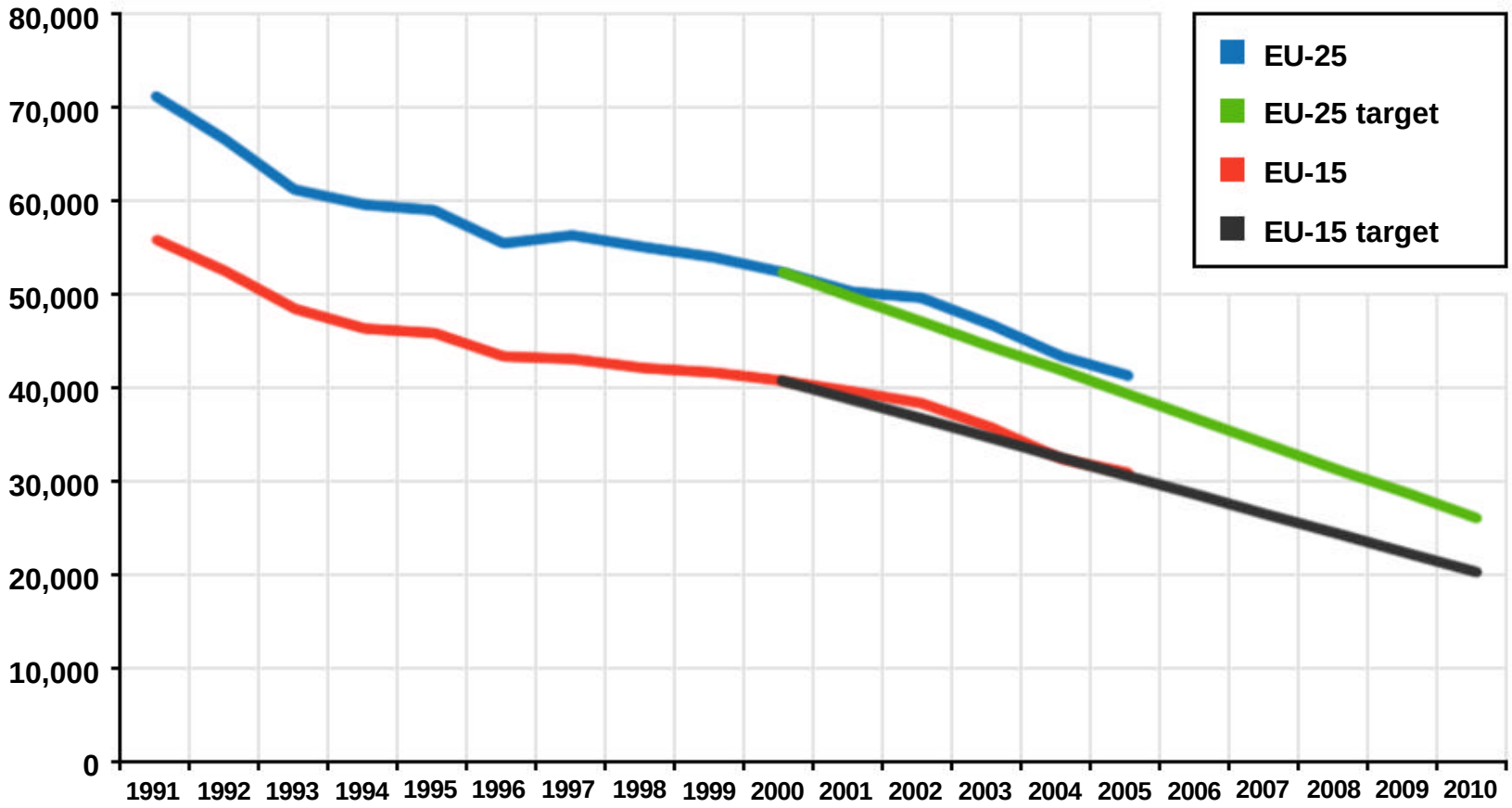




Volvo Trucks
Corporate Communication
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Road fatalities in the EU

Decreasing – but still too high



Causes of accidents

Any one or a combination of these categories:

Road environment



Driver-related



Vehicle-related



Main factors affecting safety

- Rest before driving to stay alert
- No alcohol in combination with driving
- Follow the speed limits
- Use the seat belt



1/3 of fatal accidents are alcohol-related

- Over 40,000 people are killed in the EU annually.

  That's like a major air crash every day!

- Approx. one accident in four can be linked to alcohol consumption.
- At least 10,000 people are killed in alcohol-related road accidents.
- Trucks are not over-represented, but accidents involving trucks are often severe



Preventative Measures

- A stated alcohol policy, information and training at the workplace
- Alcohol-testing equipment at the haulier’s premises
- Alcohol-testing equipment on ferries
- Increased controls by authorities
- Alcohol interlock in every vehicle



Volvo Alcolock

- A breath alcohol tester (BrAC)
- Integrated into the vehicle's systems
- Prevents an intoxicated person from driving
- The vehicle can only be started after an approved alcotest result
- Electro-chemical, fuel cell
  - Alcohol-specific and very accurate
  - Factory default setting 0,2 per mille
- The factory fitted alcolock is ADR-adapted



How to use the alcohol interlock

- The driver must blow for 5 seconds to start the vehicle
- No need to test again after stops shorter than 30 minutes
- No retests while driving
- Each test is logged and registered in the device
- Programmable for the individual needs of large operations



Service

- Calibration every 12 months
- Service code for override function
- Volvo Action Service available



The responsibility of the employer

- Inform and involve
  - Properly introduced alcohol interlocks increase awareness of traffic safety and reduce accidents
- When someone tests positive
  - You will need an agreed plan to deal with the situation
  - Consider a support system for the employee, regular offenders need appropriate help
  - Reward honesty



Volvo has accepted the challenge

2002:
Alcohol interlock available
as an accessory

2005:
Factory-fitted interlock

2006:
Alcohol testers on ferries

2007:
Third generation introduced

2008:
Commercial introduction in many
countries and a safe & sober campaign



Future trends

- Increased interest, awareness and demand
- Testing for other drugs
- Harmonised technical standards and legislation



Thank you

