

# Alcohol interlocks

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# Overview

- Presentation of MHF
- Alcohol interlocks
  - Drink-driving-offender program
  - Commercial transports, private individuals and new ways of use
- Summary



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# MHF

- Founded 1926
- Influencing legal practices, e.g. Low BAC levels
- 27 000 individual members
- Promoting traffic safety
- Vision: No one should die from drink driving



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# Alcohol interlocks

- Long-term perspective
- Wide range of measures against drink driving
- An alcohol interlock is a technical safety device – not a penalty



# Areas of use in Sweden

- Drink-driving-offender program
  - About 2 500 people
- Commercial transports
  - About 75 000 installations
- Private individuals
  - Volvo offers alcohol interlock in some new cars
- New ways of use
  - Boats, trains, trams, big working machines, also gates in harbours.



# Drink-driving-offender program

- Deal with the individuals problem in order to keep dangerous drivers off the roads.



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# Drink-driving-offender program

1. The driving license is revoked
2. The convicted driver apply for a conditional driving license with alcohol interlock
3. The program period is one or two years
  - Two years if:
    - Aggravated impaired driving over BAC 1,0
    - Recidivist offender within 5 years
    - Diagnosed with alcohol addiction



# Drink-driving-offender program

## Conditions:

- Regular medical check-ups with blood sampling
- Regular control and calibration of the alcohol interlock
- Evaluation of the log by the authorities
- User has to supply all costs
- Failed attempts mean exclusion from the program
- Drug users are not admitted
- The alcohol interlock must be approved by the authorities





# Drink-driving-offender program

4. After completing the program the offender can apply for a regular driving license
  - Program time two years: Driving test, theory test and doctors' certification



# Results

- Significant reduction of alcohol consumption even one year later
- Recidivism rate:
  - All participants: -32 %
  - 2-year participants: -58 %
  - Controls: -4 %



# Commercial transports

- A tool for quality assurance
- Transporting dangerous goods – a demand



# Commercial transports

*“With respect to drink-driving, penalties should be accompanied by preventive measures.*

*Thus the commission will examine to what extent measures are appropriate for making the installation of alcohol interlock devices in vehicles compulsory, for example with respect to professional transport (e.g. school buses).”*

*EU commissions’ policy orientation on road safety 2011-2020*



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# Private individuals

- Volvo offers alcohol interlocks in some new cars
- Will increase when the alcohol interlocks gets even more user-friendly



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# New ways of use

- Boats, trains, trams
- Big working machines, e.g. in mines
- Alcohol check barriers at personnel entrance
- Alco gates in harbours



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# Summary

- A minimum use of alcohol interlocks:
  - Drink-driving-offender program
- The offender program reduces recidivism
- Vision Zero EU goal: Halving road casualties by 2020

Sober traffic =

Policy + Enforcement + Technical solutions



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