

# DRINK-DRIVING IN THE EUROPEAN UNION

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Safe & Sober Talk: Influence of Alcohol on Road Safety

Prague, 28 May 2018

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Executive Director



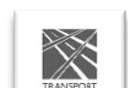
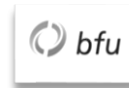
European Transport Safety Council



# ETSC

- ✓ A science based approach to road safety
- ✓ Secretariat in Brussels
- ✓ 60 member organisations from across Europe
- ✓ More than 200 experts contributing to ETSC's work
- ✓ The European Commission, Member Organisations, Member States and corporate sponsors are funding our work

# ETSC NETWORK



# ETSC ACTIVITIES



Monitoring EU transport safety policy



Road Safety Performance Index (PIN)

**SMART**   
SOBER MOBILITY ACROSS ROAD TRANSPORT

**YEARS**   
YOUNG ROAD USERS

**REVIVE**   
IMPROVING POST-COLLISION RESPONSE AND EMERGENCY CARE IN EUROPE

  
**PRAISE**  
Work-Related Road Safety

**SAFE & SOBER** 

  
**iSAFER**  
INTELLIGENT SPEED ASSISTANCE FOR EUROPEAN ROADS

  
**DRUG DRIVING**



**2014-2017  
bad years  
for road  
safety**

# CHANGE IN ROAD DEATHS (%) 2010-2017

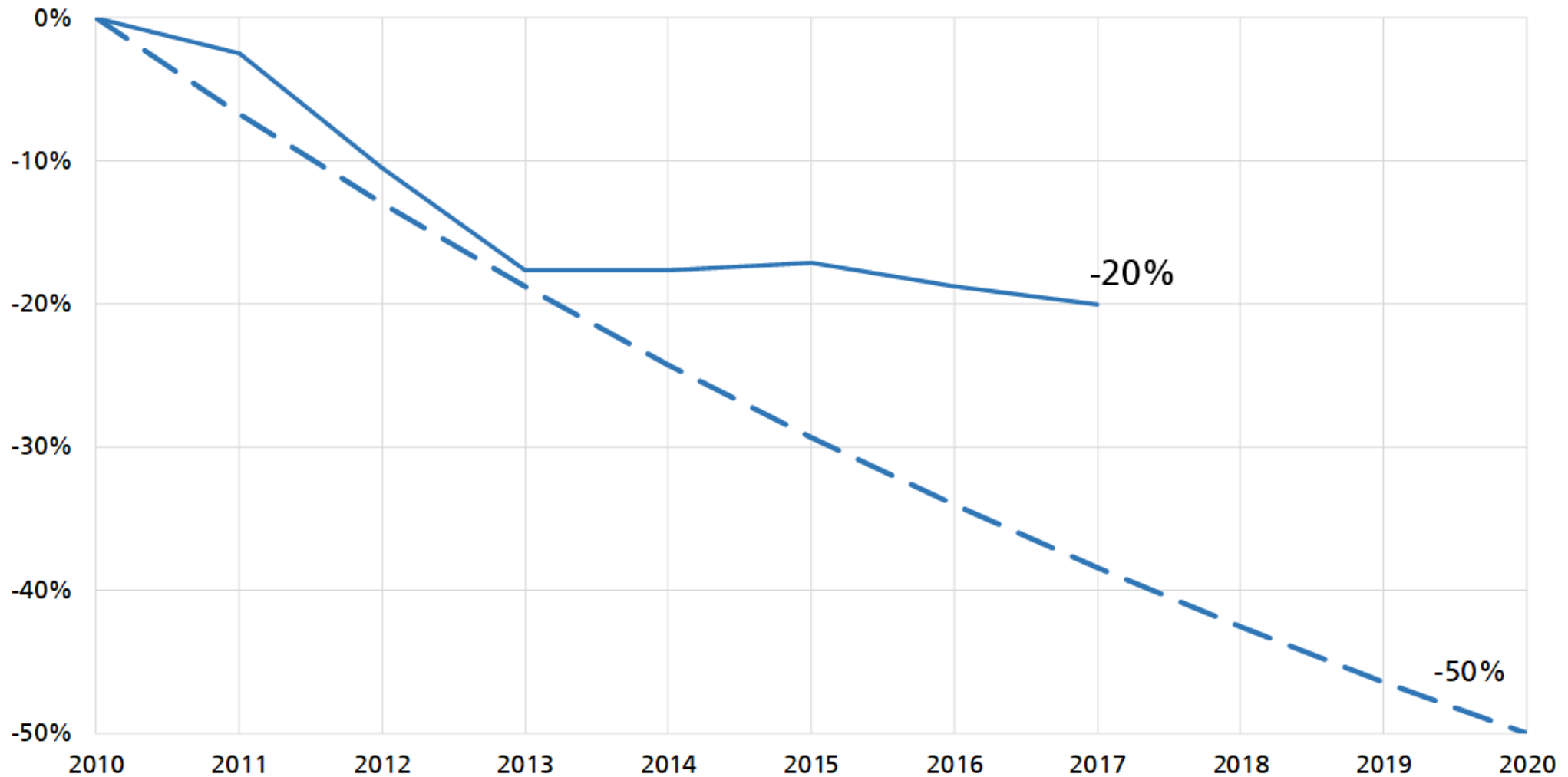


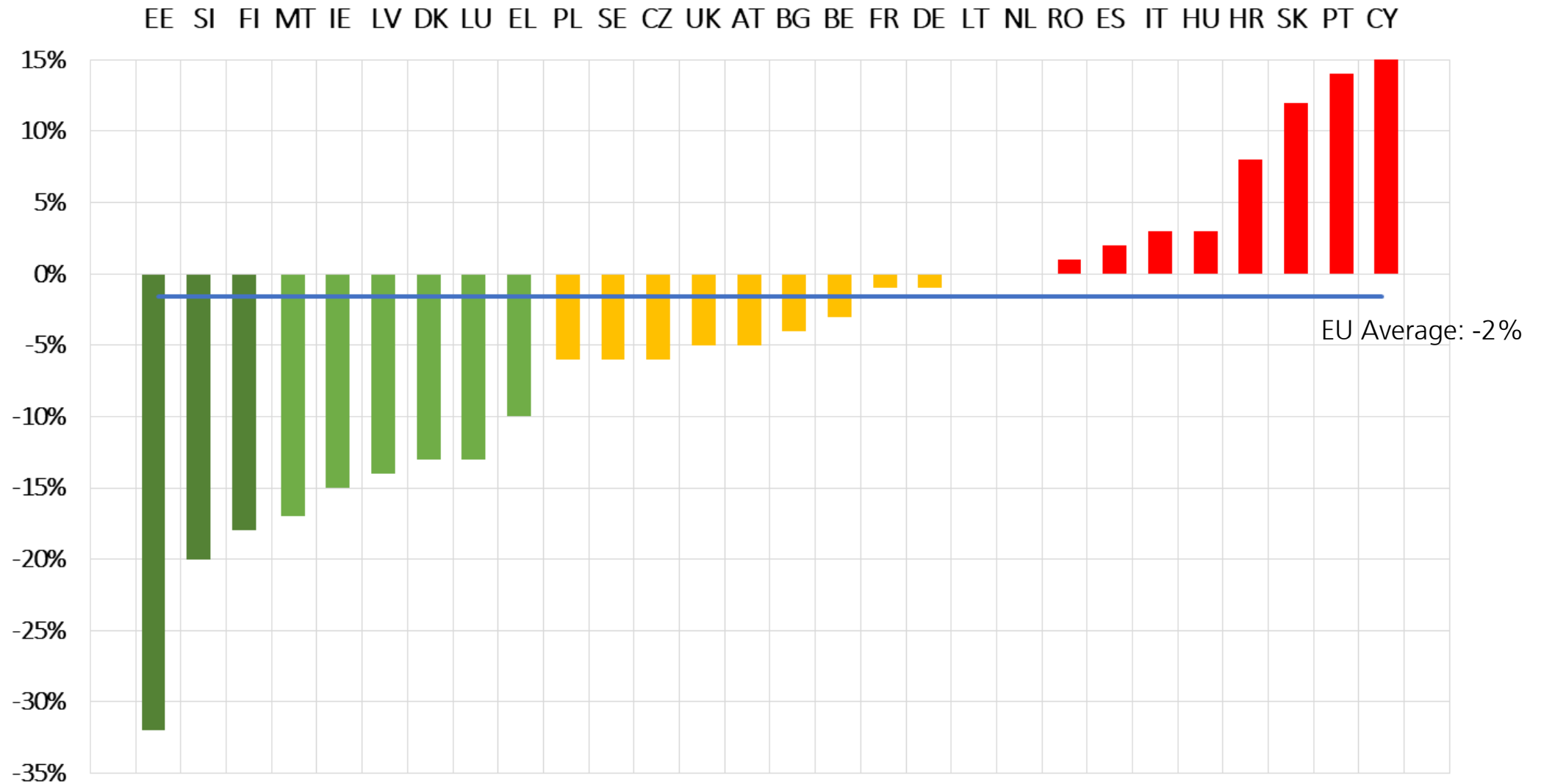
Figure: Reduction in the number of road deaths since 2010 (blue line) plotted against the EU target for 2020 (blue dotted line)

# 25,300

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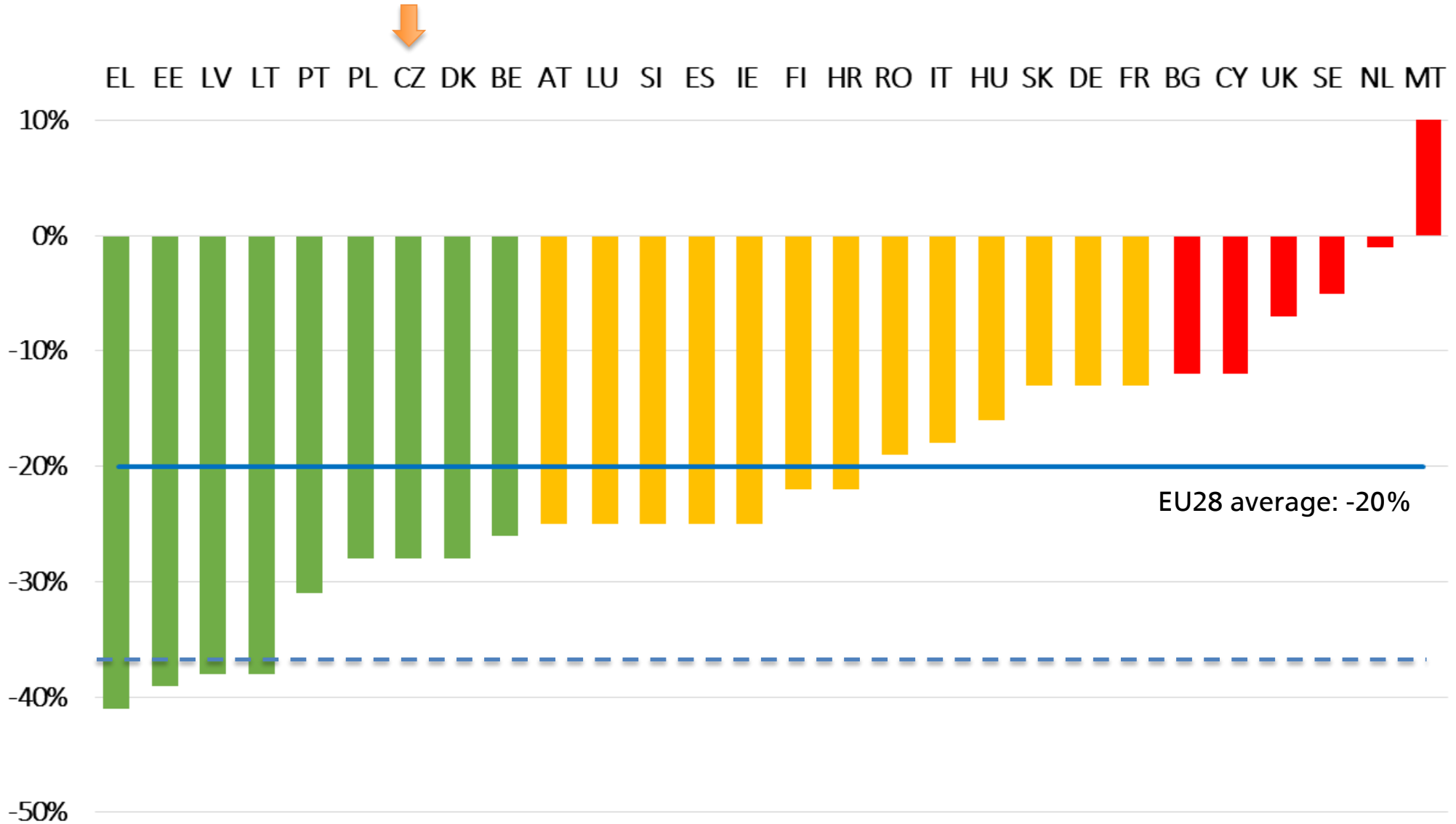
people died in road  
traffic in the EU in  
2017

# CHANGE IN ROAD DEATHS (%) 2016-2017





# CHANGE IN ROAD DEATHS (%) 2010-2017



# 135,000

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seriously injured in road traffic in  
the EU in 2017 according to  
MAIS3+ definition

*\*MAIS3+ estimates by the European Commission*

# DRINK-DRIVING FROM MYTH TO SCIENCE

XVI ANNONCES      L'ILLUSTRATION      4 OCTOBRE 1930

" UNE BONNE RECOMMANDATION "



NE PRENEZ JAMAIS LA ROUTE AUSSITOT APRES  
UN BON REPAS SANS UN PETIT VERRE DE LA MARQUE  
MONDIALE

# COINTREAU

LIQUEUR

# DRINK-DRIVING IN THE EUROPEAN UNION

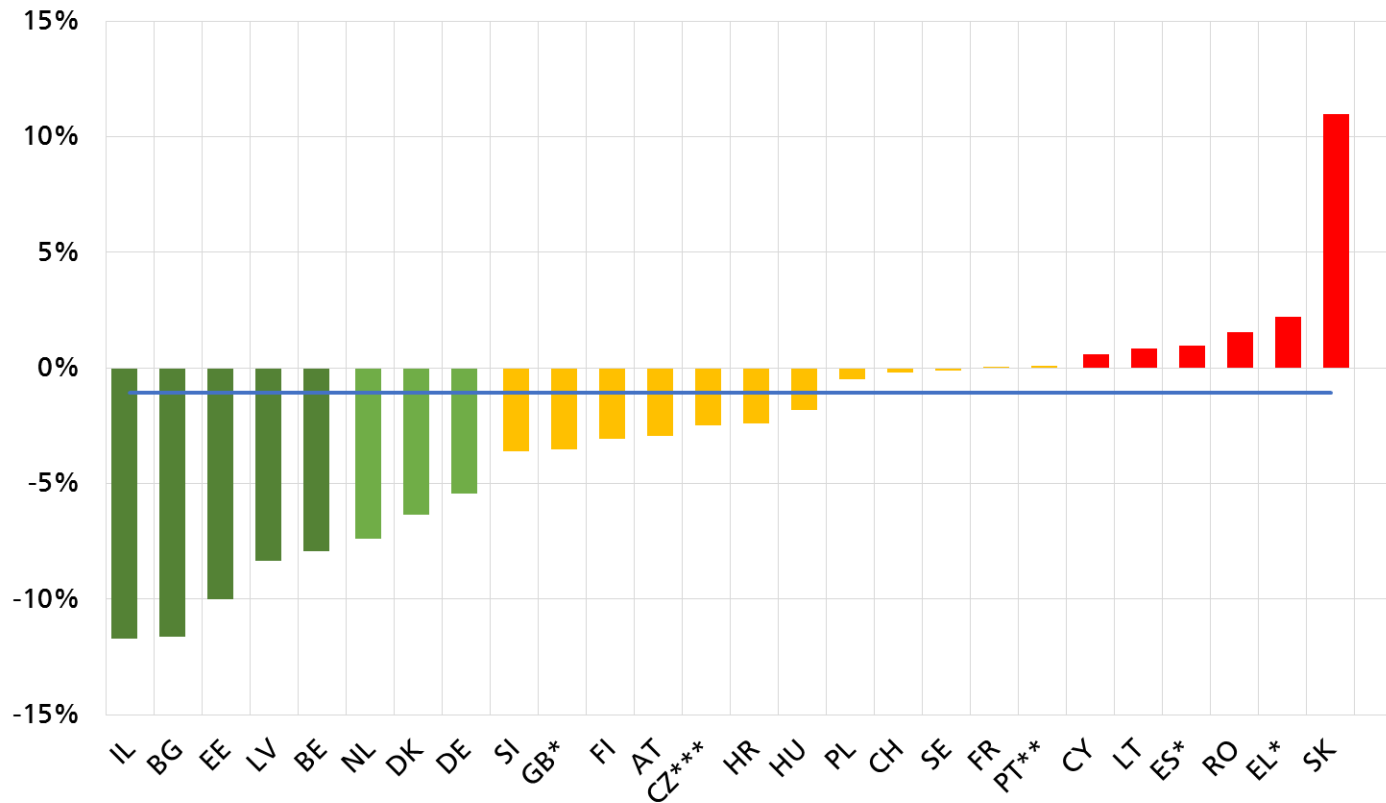
While the dangers linked to drink driving are fairly well understood, the phenomenon is still widespread in the EU:

- Up to 1.5 - 2% of KM driven in the EU are driven with an illegal Blood Alcohol Concentration (BAC);
- According to the SARTRE survey, 31% of car drivers in Europe reported to have driven after consuming some amount of alcohol;
- Alcohol related crashes are the leading cause of death in the age group 16-25.



# PROGRESS IN TACKLING DRINK DRIVING 2006 - 2016

Difference between the average annual percentage change in deaths attributed to drink driving and corresponding change in other road deaths



# BAC LIMITS ACROSS THE EU

- An increasing number of countries are lowering their BAC limits to be in line with EU recommendation 2001 on maximum BAC legal limit
- 18 EU countries apply lower BAC for novice drivers (0.0 – 0.2)
- 18 EU countries apply lower BAC for professional drivers (0.0 to 0.2 BAC)

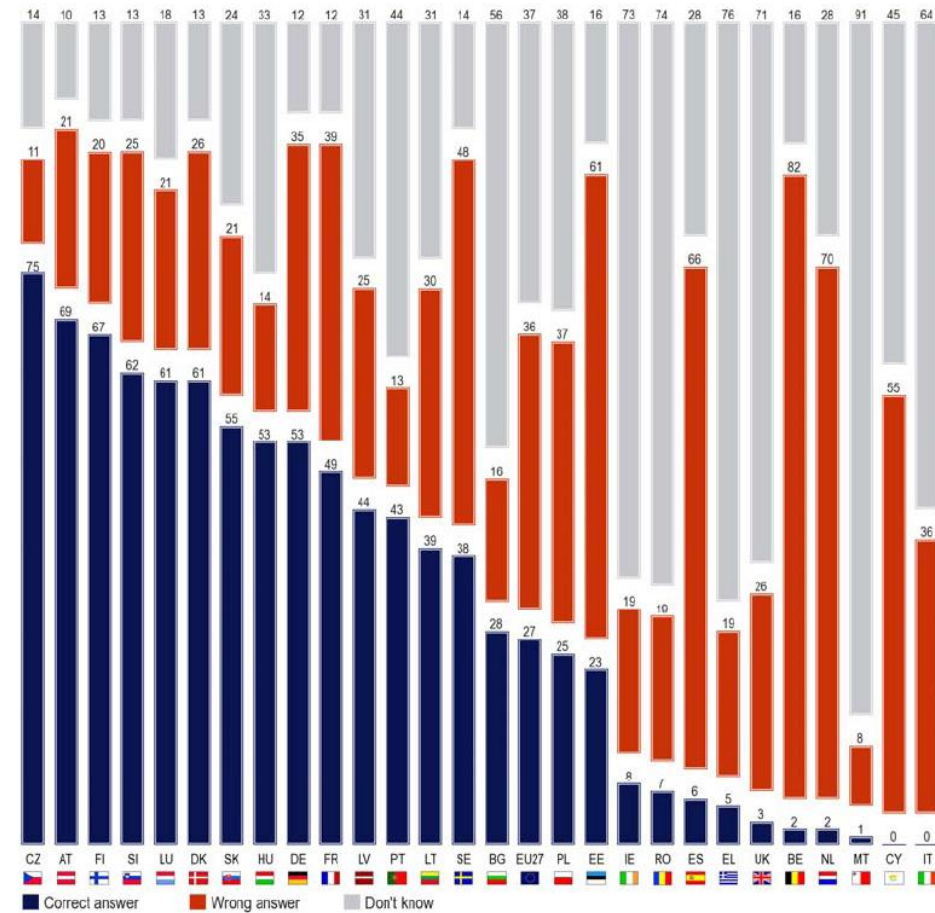
	Standard BAC	BAC Commercial drivers	BAC Novice Drivers
Austria	0.5	0.1	0.1
Belgium	0.5	0.2	0.5
Bulgaria	0.5	0.5	0.5
Cyprus	0.22	0.22	0.22
Czech	0.0	0.0	0.0
Denmark	0.5	0.5	0.5
Estonia	0.2	0.2	0.2
Finland	0.22	0.22	0.22
France	0.5	0.5 (0.2 bus drivers)	0.5
Germany	0.5	0.0	0.0
Greece	0.5	0.2	0.2
Hungary	0.0	0.0	0.0
Ireland	0.5	0.2	0.2
Italy	0.5	0.0	0.0
Latvia	0.5	0.5	0.2
Lithuania	0.4	0.2	0.2
Luxembourg	0.5	0.2	0.2
Malta	0.8	0.8	0.8
Netherlands	0.5	0.5	0.2
Poland	0.2	0.2	0.2
Portugal	0.5	0.5	0.5
Romania	0.0	0.0	0.0
Slovakia	0.0	0.0	0.0
Slovenia	0.5	0.0	0.0
Spain	0.5	0.3	0.3
Sweden	0.2	0.2	0.2
UK (except Scotland)	0.8	0.8	0.8

# AWARENESS NEEDS TO BE REINFORCED

- On average only 27% of respondents knew the legal BAC limit
- 36% gave a wrong answer
- 37% did not know



*Eurobarometer, Oct. 2010*



# SAFE AND SOBER

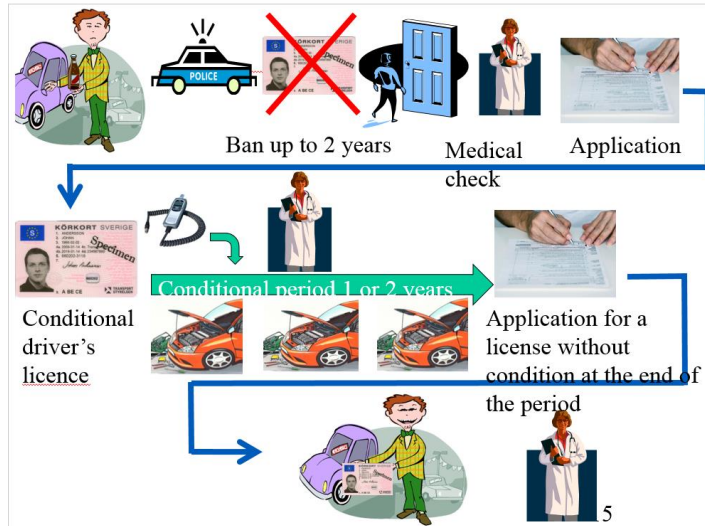
## Promoting Alcohol Interlocks

- In rehabilitation programmes
  - High level and recidivist offenders
  - Alcohol addicted
- As a quality assurance mechanism in commercial transport
  - In school buses
  - Emergency
  - Day care transportation
  - Others: public procurements (safety culture..)








# TYPE OF USE: REHABILITATION



As part of rehabilitation programs imposed as a condition for driver's license recovery

Rehabilitation with monitoring is key!

-  High blood alcohol levels
-  Repeat infringers
-  Alcoholic addicts



A reliable device meeting Cenelec EN 50436-1 requirements  
- Certified body installing the interlocks



A program manager  
- A reporting process to the Authority  
- A follow-up for the participants



- Alternative or/and Additional sanction?  
Duration, regularity of meetings, level, costs, follow-up, support the participant

Framework to be adjusted: Recidivists/ High risk drivers/ First offenders?

# TYPE OF USE: COMMERCIAL

## Matthews scoop BBC interview!

Coach Hire Company's alcohol Interlock system featured on BBC news



LOCAL company Matthews Coach Hire was the subject of a BBC TV news feature recently where its alcohol interlock system was featured.

Matthews is the only transport company in Ireland to have alcohol interlocks installed on every Matthews coach and support vehicle can

of alcohol, and set about installing a system that would give the bus driver a warning if they had consumed alcohol. Matthews Coach Hire has advised the Government to consider the installation of the interlock systems on all public transport vehicles as at 2015. However, Essex notified the system and the BBC have also asked the North's biggest coach operator, Tansil, if they will use the system.



In commercial vehicles as an extension of the vehicle safety systems and demonstrate the company's commitment to both driver and public safety.

## FORBRUG & LIV

Bolig Sundhed Digitalt Forbrug Biler Livsstil

DIN TRANSPORT 13. OKT. 2014 KL. 22:16

## Arriva: Busserne er begyndt at køre pænere

Antallet af 'hændelser' målt af sensorer i busserne er faldet med 67 procent.



## Golden contract!

Coach Hire Company lands Olympic transport deal



Minister for Transport, Tourism and Sport Leo Varadkar pictured with Noel Matthews from Matthews Coach Hire following the news that the company has become an official transport provider for the Olympic Games.

**TRANPORTEZ TRANQUILLE**

Le 1<sup>er</sup> septembre 2015,

**l'éthylotest anti-démarrage**  
et la ceinture de sécurité

sont OBLIGATOIRES dans tous les autocars.

N'attendez pas pour vous équiper en EAD  
[www.developpement-durable.gouv.fr/ead2015](http://www.developpement-durable.gouv.fr/ead2015)

Le défaut d'équipement est une infraction

Take a decisive step to prevent drink-driving in your company

Preventing drivers from turning on the motor if they are affected by alcohol, the Dräger alcohol test is an efficient security tool as well as a great way for companies to send a signal of moral responsibility.

By Spire Systems | Photo: © Blook & Co. Ltd.

Although there is no law in Denmark regarding drivers to have a breath analyser or alcohol installed in vehicles, the Dräger alcohol test has become particularly popular with Danish transport businesses. Among the many major companies which the Danish supplier, Blook & Co. has supplied the German tool with in Carlsberg for the brewery, which has in recent years, gradually changed its in-car alcohol test to measure the level of alcohol in a driver's breath.

"From the driver's car in the agreement, the driver can see the approval of the test and the driver who is below the legal Danish driving limit, the engine can be started on condition, but if not, the ignition switch will remain locked and for companies like Carlsberg that means that they can send a very convincing message that even though they drive with alcohol, their drivers are always sober," explains marketing manager at Blook & Co. Janis Døstler adding: "The most important, the risk can prevent accidents and damage to both material and people. Statistics show that a lot of people are drinking and driving, and this is the only way to make sure that your employees are not causing harm!"

The Dräger alcohol works by transmitting a breath analyser via from the driver when the engine key is inserted. If the test is below the legal Danish driving limit, the engine can be started on condition, but if not, the ignition switch will remain locked.

This type of test has been made a legal requirement in several countries, in Sweden, for instance. It is obligatory for people with previous drink driving convictions. Dräger also produces breath analysers used by police in several European countries. "The engine is based on an electronic control sensor which is very precise. Dräger also delivers measurement devices for the medical industry and hospitals which demand extreme accuracy" advises Blook.

If Blook & Co. also offers Dräger's handheld breath analyser which is portable, precise, is suitable for all drivers, private or commercial, who want to ensure that they are below the legal limit before driving off!

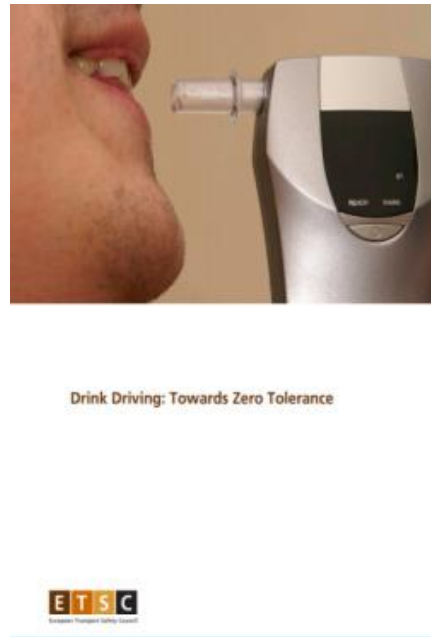
For more information, please visit [www.blook.com](http://www.blook.com)

Blook 47 | December 2012 | 183

# RECOMMENDATIONS

## Member States

- Zero tolerance
- Minimum targets for alcohol checks
- Systematic breath-testing in all Police checks
- Rehabilitation programmes for DUI offenders and higher penalties to address recidivism
- Campaigns raising awareness of drink-driving risk
- Alcohol interlocks to repeat offenders and professional drivers



## European Union

- Zero tolerance for commercial and novice drivers
- Adoption of standardized definitions of alcohol-related collisions
- Uniform standards for alcohol interlocks in Europe
- Legislate for a consistently high level of reliability of alcohol interlock devices
- Legislate their use for professional drivers

# THANK YOU!



European Transport Safety Council

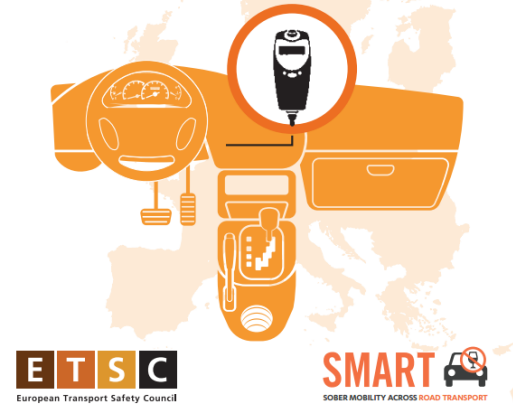
[www.etsc.eu](http://www.etsc.eu)

 @etsc\_eu

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## ALCOHOL INTERLOCKS AND DRINK DRIVING REHABILITATION IN THE EUROPEAN UNION

Best practice and guidelines for Member States



SAFE  
SOBER & 