

# DRINK-DRIVING IN THE EUROPEAN UNION

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Regional Road Safety Conference on Alcohol Interlocks  
Belgrade, 10th of July 2017

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ETSC Executive Director



European Transport Safety Council

# ETSC

- ✓ **A science based approach to road safety**
- ✓ **Secretariat in Brussels**
- ✓ **59 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





# Road Safety Performance Index (PIN)

Ranking EU countries' performances

## Monitoring EU transport safety policy



SAFE & SOBER



DRUG DRIVING



**2014-2016  
bad years  
for road  
safety**

# 25,670

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people died in road  
traffic in the EU in  
2016

-2%

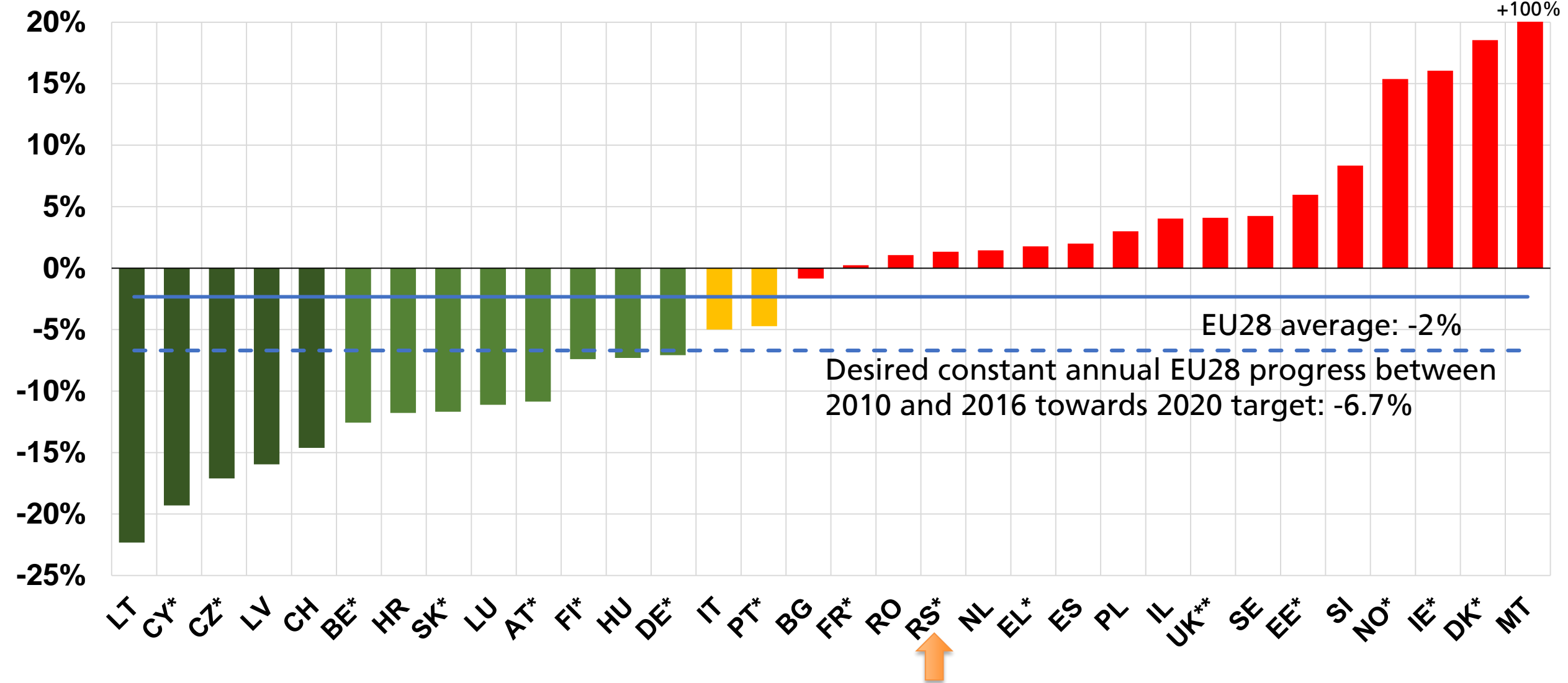


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A small reduction, following an increase of 1% in 2015.

# CHANGE IN ROAD DEATHS (%)

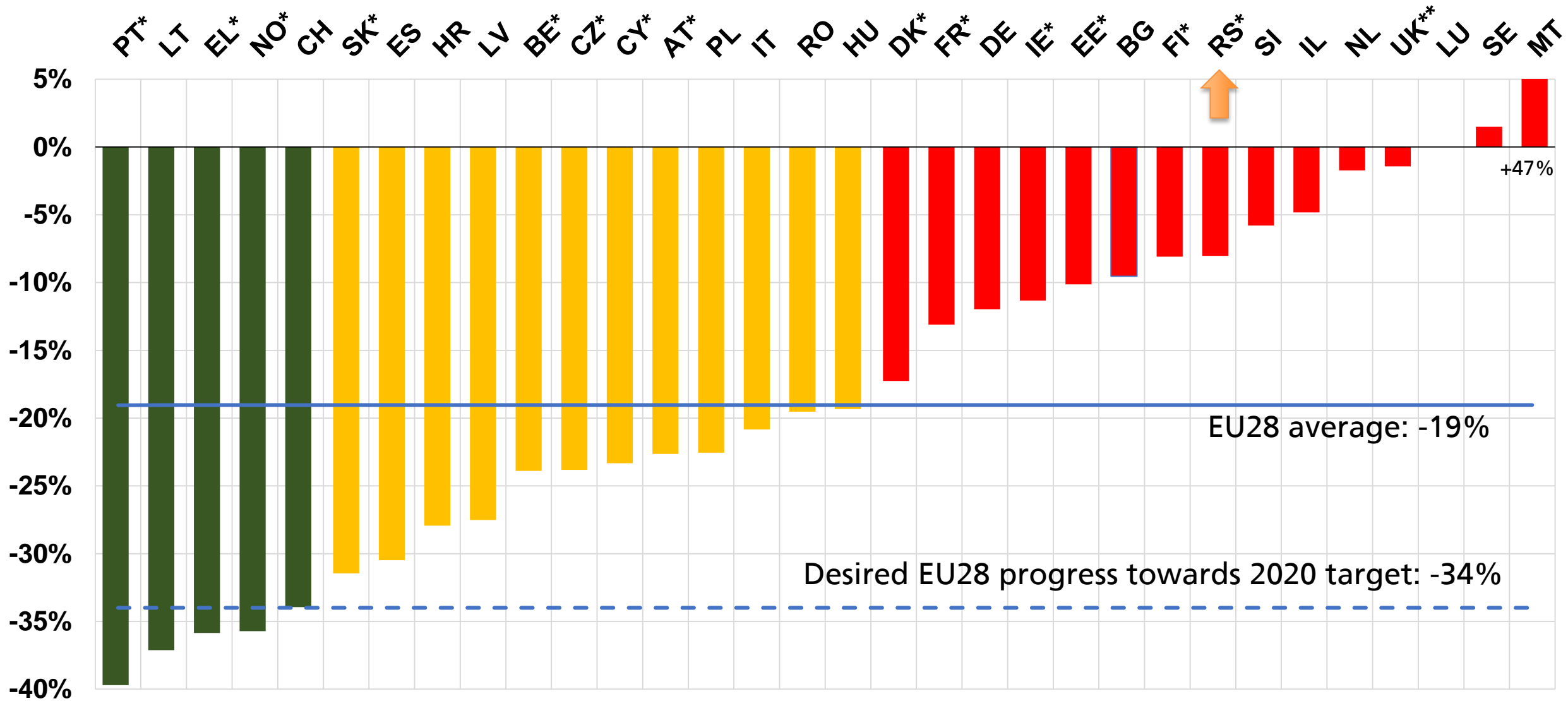
## 2015-2016





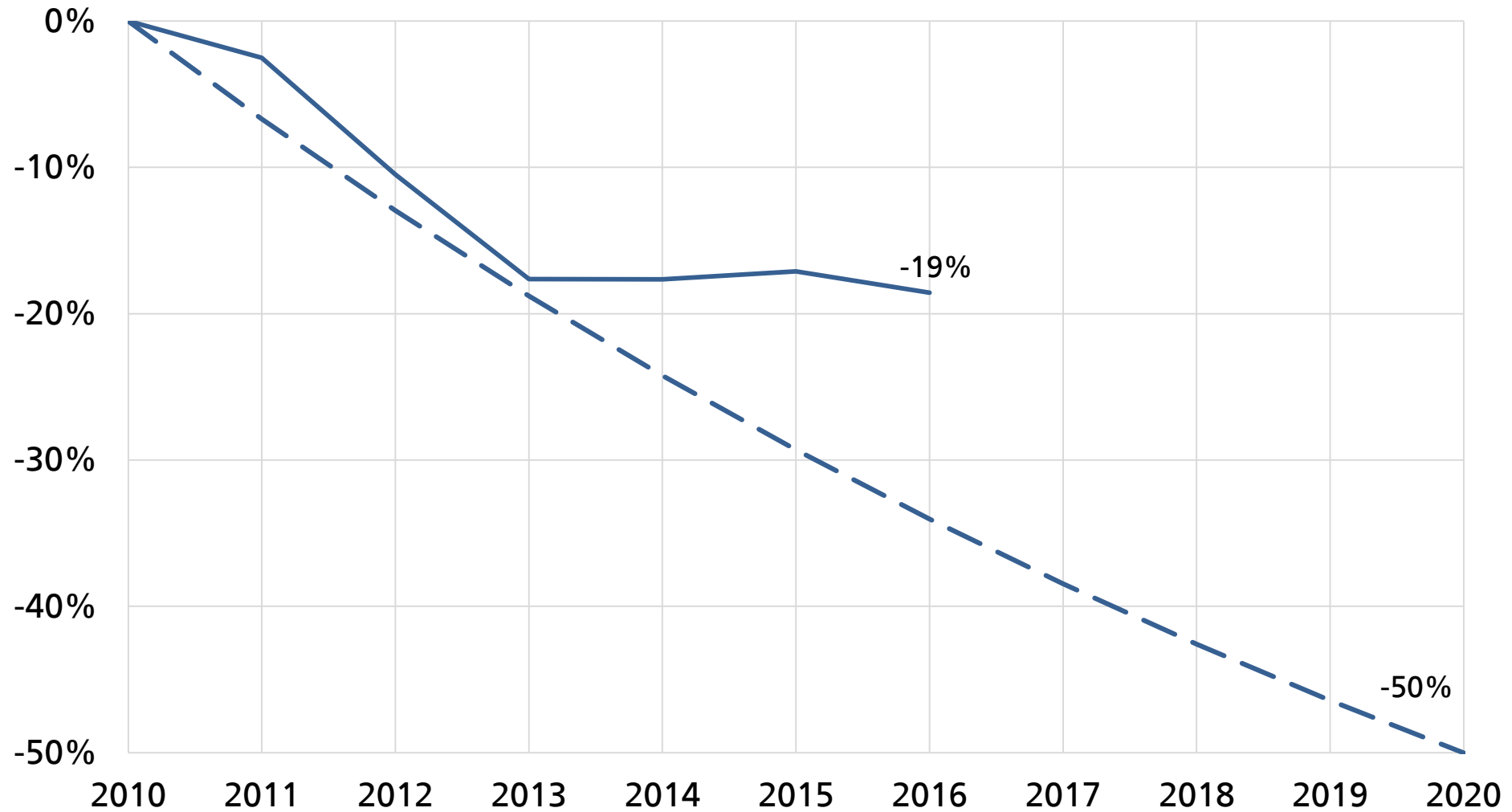
# CHANGE IN ROAD DEATHS (%)

## 2010-2016

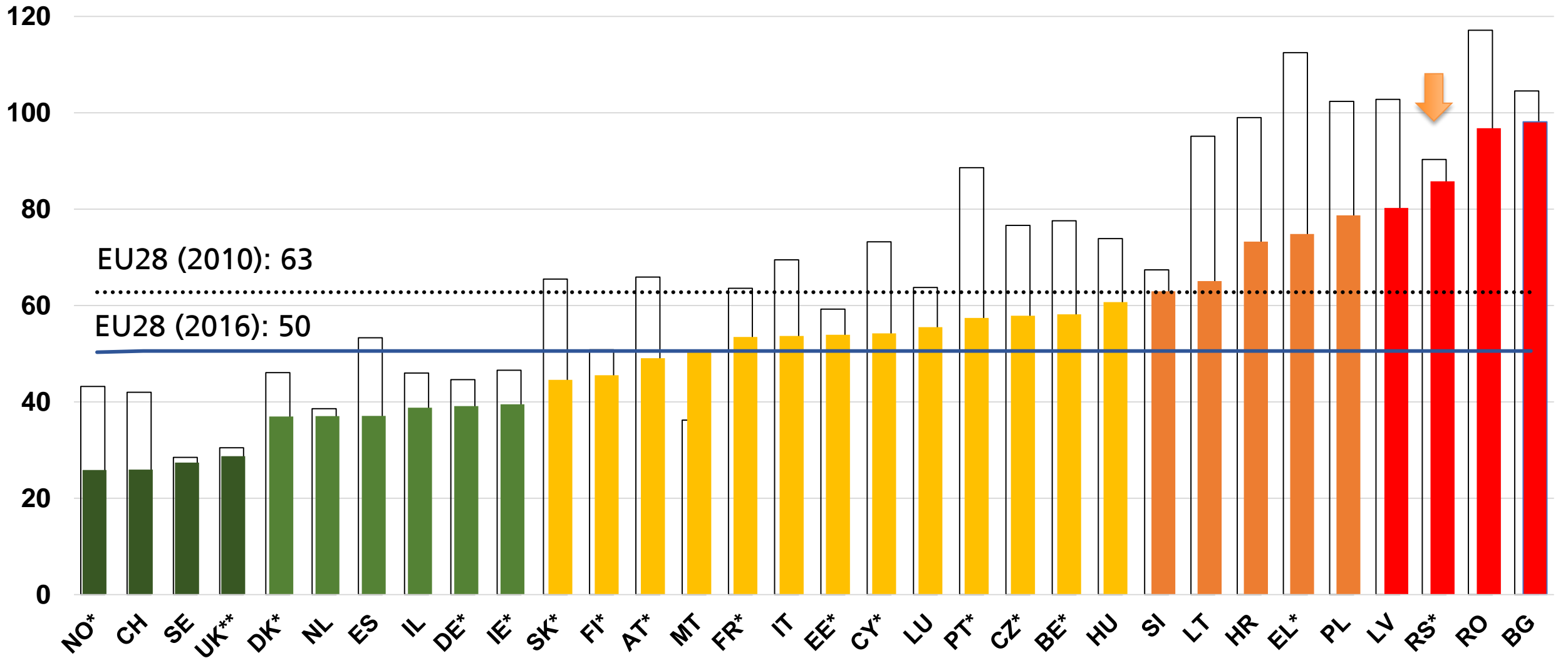


# CHANGE IN ROAD DEATHS (%)

## 2010-2016



# ROAD DEATHS PER MLN. INHABITANTS IN 2016 and 2010



# 135,000

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seriously injured in road traffic in  
the EU in 2016 according to  
MAIS3+ definition

*\*MAIS3+ estimates by the European Commission*

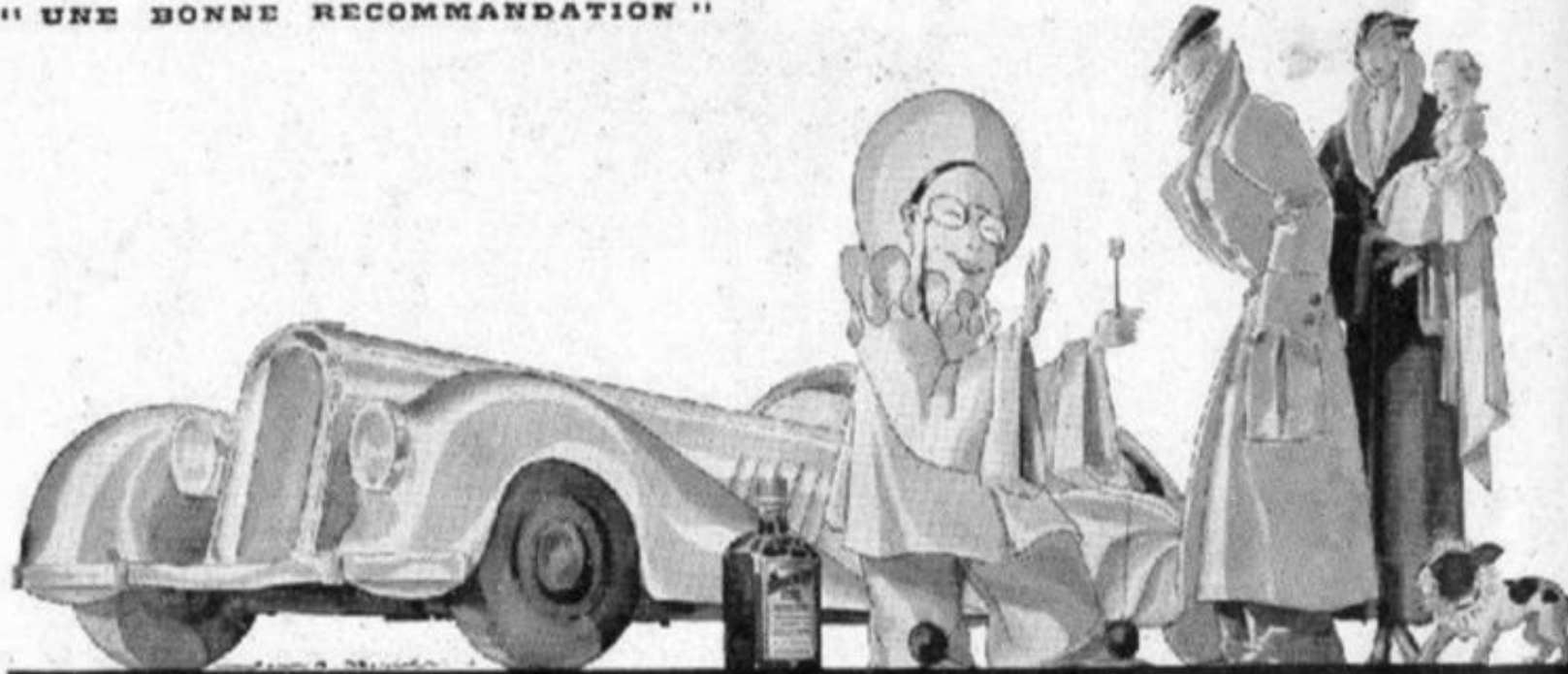
# Drink-Driving from myth to science

XLVI ANNONCES

L'ILLUSTRATION

3 OCTOBRE 1935

" 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 EU



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
- 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



# 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)

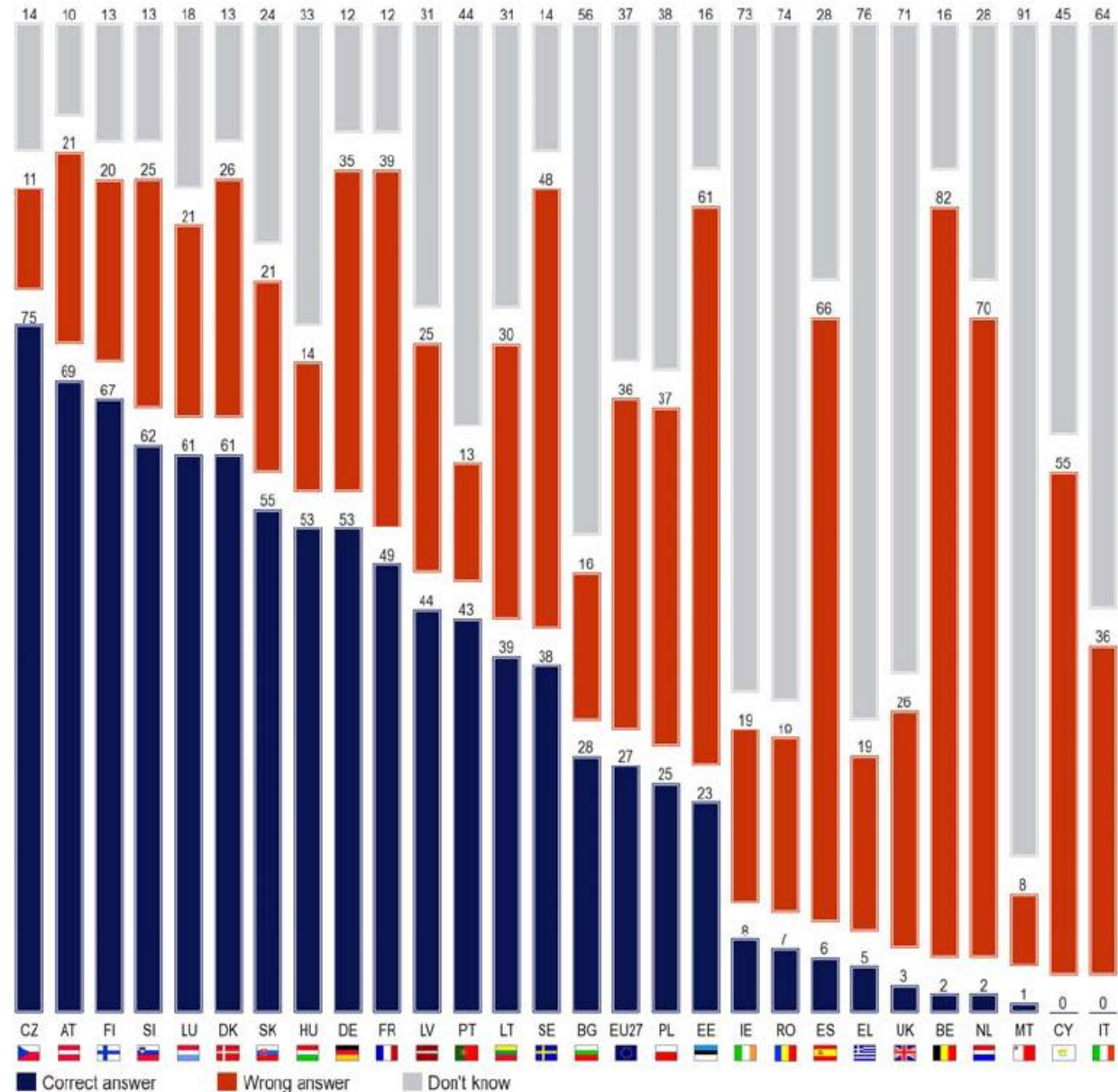
	Standard BAC	BAC Commercial drivers	BAC Novice Drivers
Austria	0.5	0.1	0.1
Belgium	0.5	0.2	0.5
Bulgaria	0.5	0.5	0.5
Cyprus	0.22	0.22	0.22
Czech	0.0	0.0	0.0
Denmark	0.5	0.5	0.5
Estonia	0.2	0.2	0.2
Finland	0.22	0.22	0.22
France	0.5	0.5 (0.2 bus drivers)	0.5
Germany	0.5	0.0	0.0
Greece	0.5	0.2	0.2
Hungary	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*



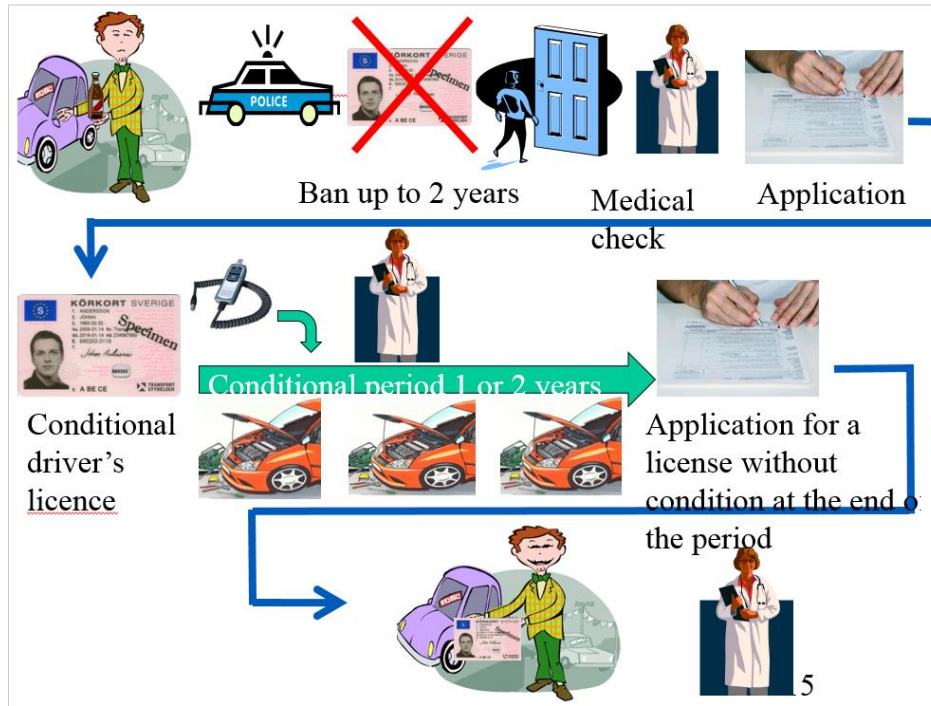


# Safe and Sober - promoting Alcohol interlocks

- 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

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

**DRUGHEDA LEADER**  
**Matthews scoop BBC interview!**  
 Coach Hire Company's alcohol Interlock system featured on BBC news



■ Noel Matthews pictured demonstrating to BBC News how the Alcohol Interlock system works. LOCAL company Matthews Coach Hire was the subject of a BBC TV news feature recently where its alcohol interlock system was



**Golden contract!**  
 Coach Hire Company lands Olympic transport deal



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

## 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.



**TRANSPORTEZ 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 alcoholock is an efficient security tool as well as a great way for companies to send a signal of moral responsibility.

Although there is no law in Denmark requiring drivers to have a breath analyser or alcoholock installed in vehicles, the Dräger alcoholock has become particularly popular with Danish transport businesses. Among the many major companies which the Danish supplier, F. Bille & Co., has supplied the German lock with is Carlsberg, for the brewery, which has, in recent years, gradually changed its traditionally very liberal alcohol policy, the installation of alcoholock in all their vehicles - from the supplier's car to the approximately 300 lorries - sent a clear signal to the world about their serious approach to the issue of drink-driving.

and for companies like Carlsberg that means that they can send a very unambiguous message that even though they drive with alcohol, their drivers are always sober," explains marketing manager P. Bülte & Co Anne Sofie adding: "But most importantly, the lock 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 among them!"

The Dräger alcoholock works by demanding a breath-analyser test from the driver when the ignition key is introduced. If the test is below the legal Danish driving limit, the engine can be turned on unaffected, but if not, the ignition switch will remain locked.

This type of tool 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 principle is based on an electrochemical sensor which is very precise. Dräger also delivers measuring devices for the medical industry and hospitals which demand extreme accuracy; stressen GmbH.

F. Bille & Co. also makes Dräger's hand-held breath analyser, which, at affordable prices, is accessible to all drivers, private or commercial, who want to ensure that they are below the legal limit before driving off.

For more information, please email: [info@fb.dk](mailto:info@fb.dk)

# Recommendations to:

## 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



Drink Driving: Towards Zero Tolerance

## EU:

- Zero tolerance for commercial and novice drivers
- Adoption of standardised 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

# PRIORITIES FOR THE GENERAL SAFETY REGULATION

- Drink Driving
  - Alcohol interlocks on professional vehicles and a standard interface for all vehicles
- Speed
  - Intelligent Speed Assistance (ISA)
- Seat Belt Use
  - Seat belt reminders for all passenger seats
- Automated Emergency Braking (AEB)

**FITTING  
SAFETY AS  
STANDARD**

# FIND OUT MORE

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



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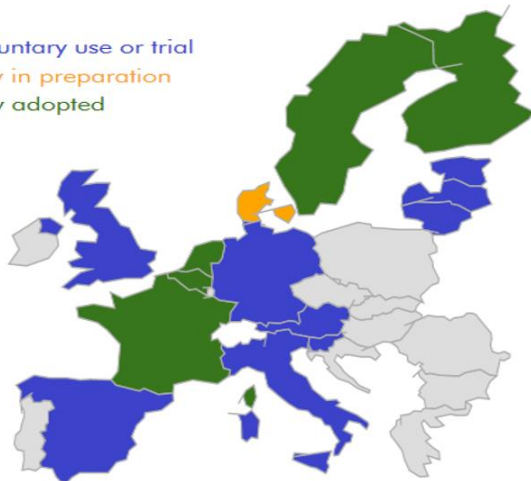
## ALCOHOL INTERLOCKS AND DRINK DRIVING REHABILITATION IN THE EUROPEAN UNION

Best practice and guidelines for Member States

### Interlocks in the EU

December 2014

- Voluntary use or trial
- Law in preparation
- Law adopted



Drink Driving: Towards Zero Tolerance

