



# VeSafe

**E-guide: good  
practices for  
work-related  
vehicle risks**



# VeSafe Project Consortium

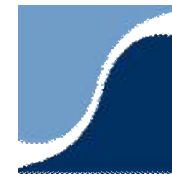
**TNO** innovation  
for life



Institute of Transport Economics  
Norwegian Centre for Transport Research



**FESVIAL**  
FUNDACIÓN  
PARA LA  
SEGURIDAD VIAL



Kooperationsstelle  
Hamburg IFE GmbH

# Introduction to the VeSafe project

- *Aim EU: Rate of accidents at work ↓20%*
- *29% of work-related fatal accidents is related to driving or transport: 'work-related vehicle risks' (WRVR)*
- *In EU: many good practices for reducing WRVR*
  - ➔ *Develop e-guide with good practices to reduce work-related vehicle risks*

# Introduction to the E-guide

- *Key articles*
- *Good practices*
- *Database & Search engine*
- *Demo*

# Key articles

- *Based on directives, key literature, available expertise*
- *Users' domains of interest → structured presentation of WRVR*
- *Three domains → Three key articles*

# Key articles: screenshot

Start Good Practice Key Articles Roles Legislation OIRA 



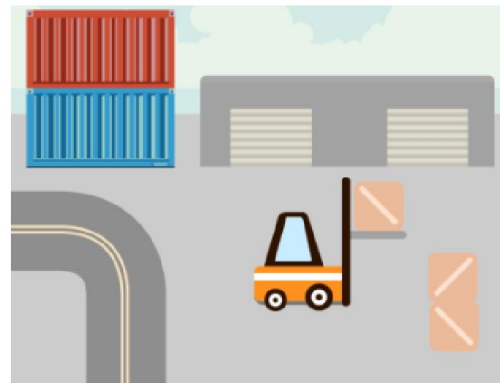
## Key Articles

Choose a key article to learn more



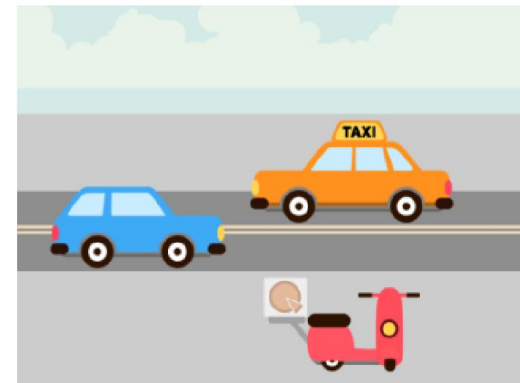
### Working on or near a road

Many different work activities are carried out on or near the road, and each is associated with a unique set of risk factors.



### Workplace transport safety

Workplace transport safety is the management of hazards and risks associated with the use of a vehicle or other moveable equipment.




### Safe driving for work

Driving in traffic is the riskiest thing many people do while at work. Most people are not aware of this.

**1<sup>st</sup> domain: working on or near a road**

# Key articles: screenshot

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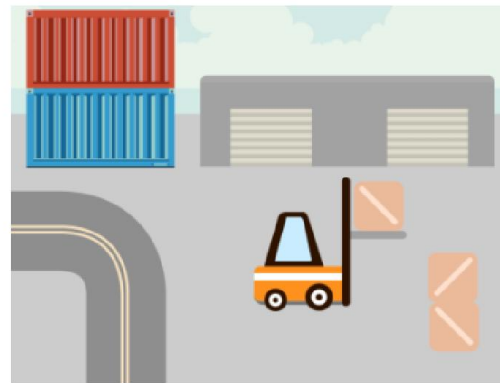
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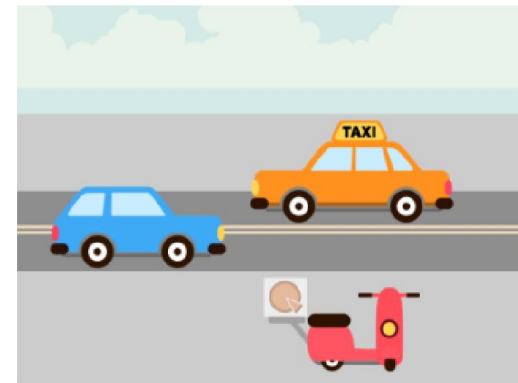
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**2<sup>nd</sup> domain: workplace transport safety**

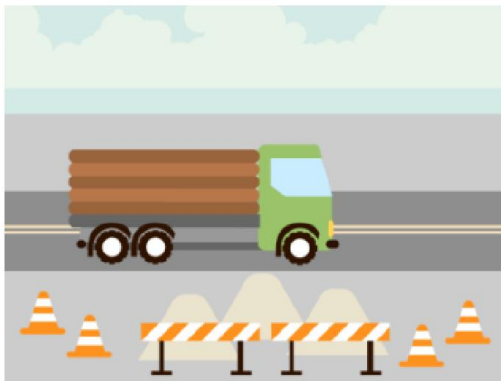
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Start Good Practice Key Articles Roles Legislation OIRA 



## Key Articles

Choose a key article to learn more



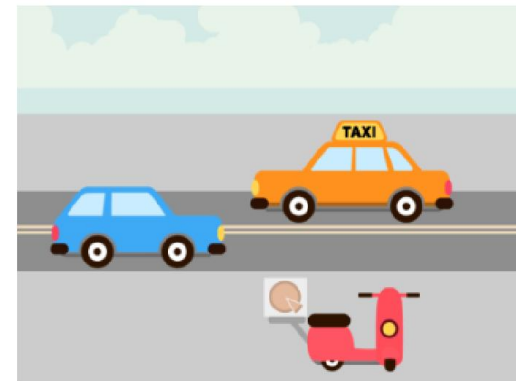
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**3<sup>rd</sup> domain: safe driving for work**



# Key articles

*Each key article presents:*

- *Domain context*
- *Relevant issues/risks*
- *Regulations particular to that domain*
- *Strategy to determine & implement measures*
  - ➔ *reduce and control WRVR*

# Good practices - Identification

- *Broad search to identify 291 good practices*
- *Sources:*
  - *Earlier projects of consortium partners*
  - *EU-OSHA, inspectorates, insurance companies, employers' & employees' associations, research institutes*
  - *EC Member Committee*
  - *Well-defined internet searches*

# Good practices - Criteria

- *Relevant aspects of occupational risks*
- *Can be included in employers' prevention policy*
- *Proven contribution to harm reduction to workers*
- *No expert knowledge / special instruments needed*
- *Strong involvement of workers (&representatives)*
- *Spread around Europe*
- *Visual presentation of material, if possible*

# Good practices – Rewriting originals

*100 GP's: general description and fact sheets:*

- *Simple English (this facilitates auto-translation)*
- *Aim of the good practice*
- *Target group*
- *Risk types (connection to OiRA)*
- *Link to source website (if available)*

*191 GP's: included as hyperlinks to external content*

# Good practices - Screenshot

## Good Practice

Browse or sort good practice examples

Sort by vehicle

Sort by risk

Search



Sort by date

RSS



### Land Use Planning

Land use planning helps us to design urban space needs to serve variety of needs like...

April 29, 2014



### Risk prevention in road transport

A distance training course for goods drivers. Managing occupational safety and health risks for drivers in the...

April 4, 2014



### Driver safety guide

A guide with practical information on how to safely operate in and around a vehicle when working...

April 4, 2014



### Risk prevention through leadership

A leaflet describing a campaign in the Netherlands



A soft drink, your best friend



### Safety in tunnels

A leaflet with tips and guidelines for safe driving in



European  
Commission

# E-guide - Screenshot



## Welcome to the one stop shop for vehicle safety

A guide to good practice within the transport sector in the EU, with key articles on prioritized areas.



### Select a vehicle type or risk

The main part of this guide are good practice examples for you to learn from. To find the good practices that are applicable to you we have tagged them by vehicle and by risk.

### Sort by vehicle

- [Bicycle >](#)
- [Bus >](#)
- [Car >](#)
- [Construction vehicle >](#)
- [Containers >](#)
- [Lift truck >](#)
- [Pedestrians >](#)
- [Taxi >](#)
- [Tractor and off road >](#)
- [Truck >](#)

### Sort by risk

- [Delivery >](#)
- [Driver >](#)
- [Loading/unloading >](#)
- [Maneuvering >](#)
- [Maintenance >](#)
- [Parking >](#)
- [Physical hazards >](#)
- [Safety culture >](#)
- [Vehicle interaction >](#)
- [Workplace >](#)



# Database and Searching

## Database:

- *Easy maintenance & uploading*
- *Easy to navigate in and understand*
- *Google Translate functionality for each page*

## *GPs are tagged to enable fast searching:*

- *Select a **vehicle type** or **risk type***
- *Through one domain in the key article*
- *Free text search*

# Vehicle types and Risk types

Vehicle types	Risk types
Bicycle	Delivery
Bus	Driver
Car	(Un)loading
Construction vehicle	Manoeuvring
Containers	Maintenance
Lift truck	Parking
Pedestrians	Physical hazards
Taxi	Safety culture
Tractor and off-road	Vehicle interaction
Truck	Workplace
Two-wheeled motor	
Van	



# E-guide - Demo

[Start](#) [Good Practice](#) [Key Articles](#) [Roles](#) [Legislation](#) [OIRA](#)



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<http://oshavesafestaging.mainstrat.com>

# Link to OiRa and EU-OSHA

- *OiRA = Online Interactive Risk Assessment (tool)*
- *Developed by the European Agency for Safety and Health at Work*
- *E-guide fact sheets include risk statements*  
→ *Future connection to OiRA*
- *E-guide hosting will be done by EU-OSHA*
- *Technical maintenance manual to support EU-OSHA in e-guide maintenance*

# E-guide – Testing approach

- *Employers and workers*
- *The Netherlands, Germany and Spain*
- *Testing criteria:*
  - a) *Usability (brief questionnaire):*  
*User-friendliness, intuitive feel, acceptance*
  - b) *Content (longer questionnaire to selected companies in 3 countries):*  
*Content quality, acceptance, appropriateness to the sector, effect on safe behaviour*

# E-guide – Test results

- *Usability test: 32 individual responses*
- *Content test response: 59%*
- *Feedback:*
  - *'Look-and-feel' and structure are good*
  - *Recommendations:*
    - *add instruction use of translation tool;*
    - *better balance between too much/not enough info in each GP;*
    - *for new GPs, focus on practical applicability*
    - *some small technical changes to improve user friendliness, especially front page.*

# E-guide – Future

- *E-guide currently in English;  
Translation into other languages is foreseen*
- *E-guide structure allows for continuous updating  
and development after finishing this project*
- *The European Agency for Occupational Safety  
and Health (EU-OSHA) will host the e-guide*

# Conclusions of the VeSafe project

*E-guide on work-related vehicle risks is an attractive resource of practical knowledge for drivers, employers and safety experts*

- *E-guide makes relevant and practical WRVR information available for SME's throughout Europe*
- *E-guide provides easy-to-implement Good Practices*
- *Variation and international spread of GPs offers solutions for everyone*
- *Database full of possible solutions is valuable in its connection with the OiRA risk evaluation tool*

# Recommendations for the E-guide

- *Keep e-guide updated with new state-of-the-art information and Good Practices ...*
- *... Communicate this to stakeholders*
- *Give users the opportunity for online feedback*
- *Provide translated information in more languages*