



# TPI Workshop Moscow: May 25 - 26, 2017

## The role of Traffic Psychology in each TPI member state

Create the future of Traffic Psychology

FÁTIMA PEREIRA DA SILVA (Portugal)



TRAFFIC  
PSYCHOLOGY  
INTERNATIONAL



Deutsche Gesellschaft  
für Verkehrspsychologie

# The role of Traffic Psychology

## Portugal



Lisbon



Porto



Coimbra



Algarve



Nazaré



Madeira



Azores



# The role of Traffic Psychology Portugal

ROAD SAFETY,  
ENTITIES,  
TRAFFIC PSYCHOLOGY



GOVERNO DE  
PORTUGAL

**ANSR**  
AUTORIDADE NACIONAL  
SEGURANÇA RODOVIÁRIA

 **IMT** INSTITUTO DA  
MOBILIDADE E DOS  
TRANSPORTES, I.P.



ORDEM  
DOS  
PSICÓLOGOS

**IITP**

**DGVP** Deutsche Gesellschaft  
für Verkehrspsychologie

# The role of Traffic Psychology



Member of the International Council on Alcohol, Drugs and Traffic Safety (ICADTS) and International Cooperation on Theories and Concepts in Traffic Safety (ICTCT)



Invited Associate Professor and Coordinator/investigator –Human Resource, Traffic and Quality of Life Robocorp - Research Center for Human Factors IPC-Coimbra- Portugal



## My Traffic Psychology route

Executive Board and part of the Networking Committee of the **EWDTs- European Workplace Drugs Testing Society**



Member of the Commission for Driver psychological assessment of the Order of Portuguese Psychologists



Member of German Society for Traffic Psychology **DGVP** Deutsche Gesellschaft für Verkehrspsychologie e.V.



Expert in Traffic Psychology Driver´s assessment and training in workplace (drugs, alcohol and mental workload)



Leader of the Project “Behaviour of Young Novice Driver Scale-BYNDs” in Portugal and Member of Cadrosa



inoutcister



Deutsche Gesellschaft für Verkehrspsychologie

# The role of Traffic Psychology

## ■ My Field of Traffic Psychology



- Expert and Psychologist since 1989 on Road Safety and Traffic Management
- Psychology Assessment of Drivers since 1988
- Driver training - Older Drivers
- Research on learning and driving behavior
- Awareness campaigns for young people and adults about alcohol, drugs and driving
- Customer Satisfaction - Quality and Road Safety- ISO 39001



# The role of Traffic Psychology

Non-legislative level



## Investigation:



- RoboCorp is the first research laboratory focused on the study of human behavior in the road scenario. There is no research unit in Portugal that dedicates itself to excellence in this area of study.

# The role of Traffic Psychology

Non-legislative level



We intend to develop, in the short term, in partnership with other international universities:

- Master's Degree in Security, Mobility and Human Factor
- Short courses in the field of Traffic Psychology
- Research focused on the human factor in the context of mobility.

# The role of Traffic Psychology

## Non-legislative level



- Awareness actions about the dangers of drinking and driving for young people and adults with:
  - driving simulators,
  - drugs and alcohol simulator glasses
  - computerized tests for assessment skills - fit to drive (e.g. bimanual coordination)



# The role of Traffic Psychology

## Non-legislative level

- 3467 young people subject to awareness campaign



# The role of Traffic Psychology



## SOME LEGISLATION

### THE PAST AND PRESENT

Law 116/2015, of August 28- 1th June 2016

The driver can lose points:

- ✓ **Overall Serious Traffic Offences – 2 points**
- ✓ **Specific Serious Traffic Offences** (driving under the influence of alcohol, speeding, overtaking vehicles before a pedestrian crossing) – **3 points.**
- ✓ **Overall Very Serious Traffic Offences – 4 points;**
- ✓ **Specific Very Serious Traffic Offences** (speeding, driving under the influence of alcohol or other substance affecting or diminishing the mental and physical abilities of the driver) – **5 points.**
- ✓ **Road Crimes** (When there is a conviction with the inhibition of driving) – **6 points.**



Driving License  
Point System

# The role of Traffic Psychology



## SOME LEGISLATION

### Driving License Point System

Law 116/2015, of August 28- 1th June 2016

#### Consequences to the reduction :



The driver **lose points**:



- ➔ With **5 points or less** the driver has to attend training activities for road safety.
- ✓ With **3 points or less** the driver's required once again to take the **learners theory test for driving**.
- ✓ When the driver **loses all points** there is a **withdrawal of the driving license**.



## PAST AND PRESENT



# The role of Traffic Psychology

## LEGISLATION- DRIVER OFFENDERS COURSES

Decree Law No. 265/A/2001

- ✓ Intend to change the drivers' behaviour in order to prevent new offenses, this specific training aims to encourage people to adopt a responsible behaviour.
- ✓ Work factors related to the decision, as well as behavioural and socio-relational aspects are some of the priorities.
- ✓ The themes are: alcohol, drugs, speed and various dangers (other offences).  
The content is related to the type of infringement
- ✓ The target group is offenders drivers who have to accept the decision from the National Road Safety Authority (ANSR) after the infraction

**PAST AND PRESENT**

# The role of Traffic Psychology



## LEGISLATION



-Decree-Law No. 45/2005:  
Established the minimal  
physical, mental and  
psychological fitness  
requirements for drivers

-Decree - Law No. 313/2009:  
Defined the Medical and  
Psychological assessment  
centers- CAMP  
(Regulations have never been  
approved)

- Decree-Law No. 138/2012 of July 5  
Focus the requirements for  
psychological assessment:
  - G2 candidates to obtain the title  
and on renewal from 50 years  
old onward
  - Driver applicants and drivers of  
Group 1, in which the  
psychological assessment has  
been recommend during the  
medical assessment.

## THE PAST AND PRESENT



# The role of Traffic Psychology

## PAST AND PRESENT



ORDEM  
DOS  
PSICÓLOGOS

**2013:**  
The Order of  
Portuguese  
Psychologists formed  
a Commission for the  
Evaluation of Drivers  
with the goal:

Define the procedures  
and practices to be  
adopted by all  
professionals working  
in this field

# The role of Traffic Psychology

THE PRESENT AND THE FUTURE



# The role of Traffic Psychology

## THE PRESENT AND THE FUTURE



The Order of Portuguese Psychologists aims:

To define the Competency Profile of Traffic Psychologists and to promote appropriate training

- To collaborate with National Road Safety Authority within the scope of PENSE 2020 - New Strategic Road Safety Plan-



The government is considering again the implementation:

Medical and Psychological assessment centers- CAMP

# The role of Traffic Psychology

THE PRESENT AND THE FUTURE

A working committee was created for  
the translation and validation of

**ISO 39001 in Portugal**



ISO 39001  
Road Traffic Safety



Road traffic safety (RTS) management systems

# The role of Traffic Psychology

## THE PRESENT AND THE FUTURE



The ISO 39001 is addressed to any company (public or private) that uses the road network



## Road traffic safety (RTS) management systems



ISO 39001  
Road Traffic Safety



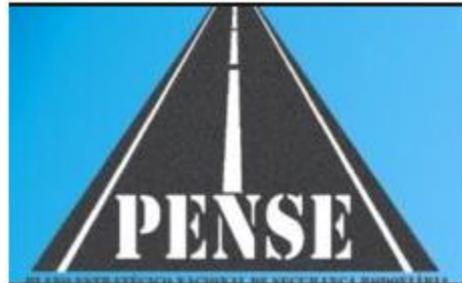
# The role of Traffic Psychology

## THE PRESENT AND THE FUTURE



Salvemos vidas

# Reduza a velocidade



Government's approval in April 2017

It is expected that the Road Safety Strategic Plan will be published.

## PENSE 2020 Strategic Road Safety Plan

Making road safety a priority for all Portuguese people

108 measures aimed to reduce to more than half the number of deaths in Portuguese roads until 2020

# The role of Traffic Psychology

- **Some of the 16 measures to change the paradigm of Road Safety in Portugal- PENSE 2020- ANSR**
- **4. To educate the citizens for a road safety culture, in all levels of the compulsory schooling and in adults' education;**
- **6.To Promote the adoption of labor road safety policies;**
- **7. To develop a national program to fight the driving under the effects of alcohol and psychotropic substances;**
- **8. To develop a national program to fight the distracted driving and driving in fatigue conditions.**
- **12-Program that accompanies the aging of drivers**
- **16 – To introduce first-aid and basic life support courses in the secondary school and in the acquisition of the driving license**

# The role of Traffic Psychology

## How can TPI contribute to a positive development of Traffic Psychology Excellence for Best Practices in Road Safety

- **Contribute to an effective cooperation in Traffic Psychology**
- **Sharing good practices in Europe with each country**
- **To be represented in each country through its members**
- **Increase partnership networks**
- **Disclose the interventions and investigations that are carried out**
- **Promote communication channels between the members of each country and the national entities**
- **Adopt a benchmarking policy**
- **Enhance network cooperation**

# The role of Traffic Psychology

**THANKS FOR  
YOUR  
ATTENTION**



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