

# IRF WORLD ROAD MEETING 2017

DELHI, INDIA

NOVEMBER 16<sup>TH</sup>, 2017



International  
Motor Vehicle  
Inspection  
Committee

THE ROLE OF VEHICLES IN ROAD SAFETY

HANS-JÜRGEN SCHIMPGEN  
VICE PRESIDENT APPLUS

ON BEHALF OF  
AITOR RETES

MEMBER OF THE BUREAU PERMANENT

[www.citainsp.org](http://www.citainsp.org)



# INDEX

1. WHO ARE WE?
2. THE ROLE OF VEHICLES IN ROAD SAFETY

# 1. WHO ARE WE?



# MISSION AND VISION

CITA aims to enable our members to play an essential role in the development and implementation of policies for safe and sustainable road usage.



CITA provides the forums to create, assess and promote best practice in road safety, ensuring safe and compliant vehicles throughout their life-cycle.



# 5 PILLARS



# WORKING ARRANGEMENTS STATUS

## TECHNICAL TOPIC AREAS

## SUB-TOPIC AREA

SAFETY SYSTEMS

Policy Experts

- Frank Leimbach, DEKRA, Germany

ENVIRONMENTAL PROTECTION SYSTEMS

- Gerhard Müller, TÜV SÜD Auto Service, Germany

STANDARDIZED INSPECTION OUTCOMES

- Eva Morger, Bilprovningen, Sweden

CONTINUOUS COMPLIANCE

- Stefan Teller, SGS, Switzerland

INFORMATION SYSTEMS

- Víctor Salvachúa, Applus, Spain

2 AND 3 WHEELERS

- Nguyen Huu Phan, Vietnam Register, Vietnam

In general 1 or 2 Technical Experts for each

- Electronically Controlled Systems
- Mechanical Systems
- Brakes

- Exhaust Emissions
- CO2 Emissions
- Noise

- Training
- Quality

- PTI Regimes
- Roadside Inspection Regimes
- Other Roadworthiness Regimes

- Databases – technical vehicle specifications and inspection results
- Data Collection & Analysis
- ITS (Intelligent Transport Systems)

- Safety and Environmental Issue of two- and three-wheelers

# WORKING ARRANGEMENTS STATUS

## ROAD-SIDE INSPECTION

- Laszlo Ronay, National Transport Authority, Hungary
- Víctor Salvachúa, Applus, Spain

- In collaboration with CORTE

## ANTI-FRAUD MEASURES

- Emre Büyükkalfa, TÜV TÜRK, Turkey

- Set of tools to fight against fraud

## NEW INSPECTION SCHEMES

- Ferose Oaten, AVTS, South Africa

- The “White Book” to set up new roadworthiness schemes

## PORT-OF-ENTRY INSPECTIONS

- Kenneth López, RITEVE, Costa Rica

- What used vehicles shall fulfil to be sold, ensuring their suitability

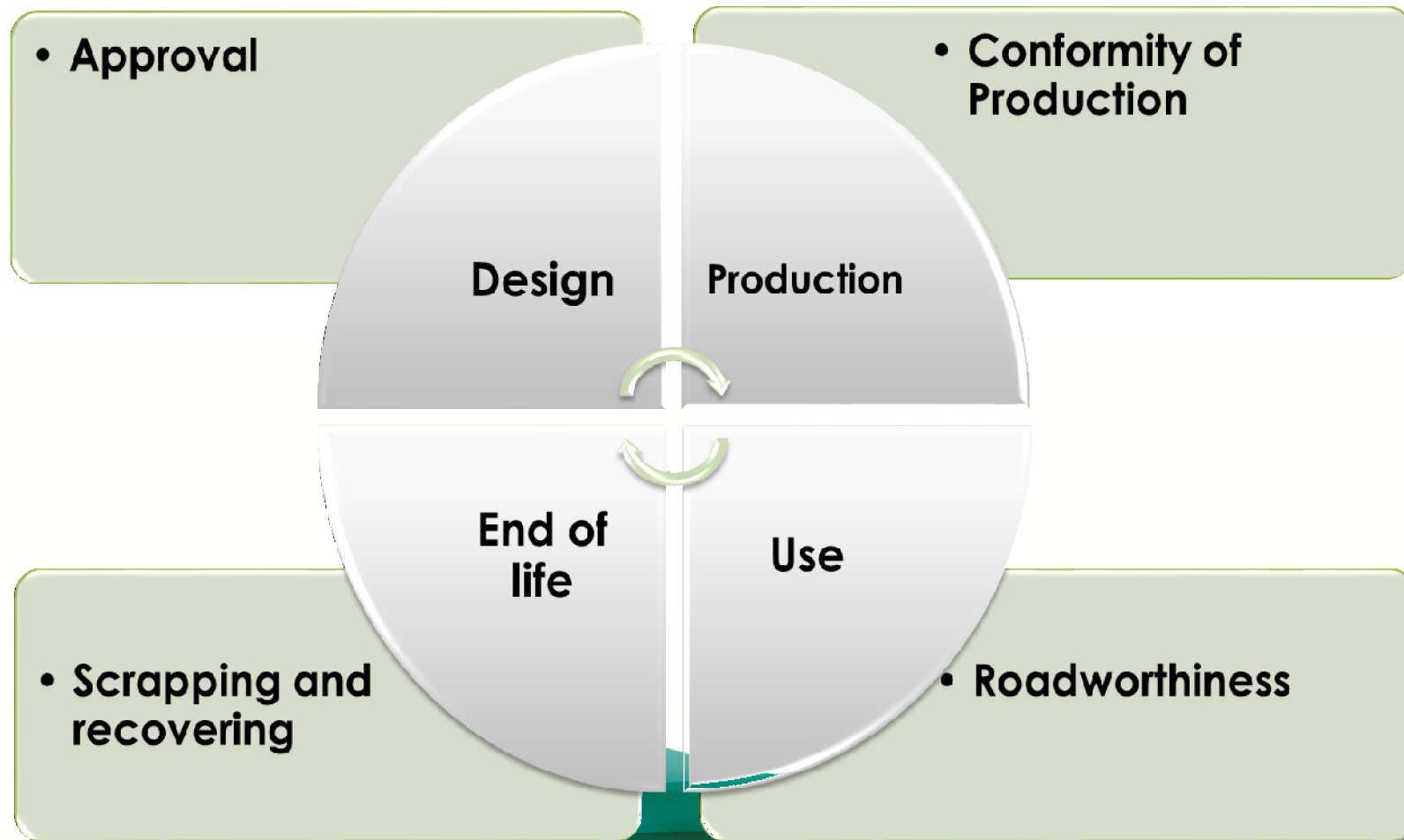
## VEHICLE HOMOLOGATION

- Gerhard Müller, TÜV SÜD, Germany

- Relationship between the standard applicable to new vehicles and the standards to be used to ensure in-use vehicle compliance

## 2. THE ROLE OF VEHICLE IN ROAD SAFETY

### THE LEGAL LIFE CYCLE OF THE PRODUCT "VEHICLE"



Checking the design:  
homologation

Checking the manufacturing:  
Conformity of  
Production

Checking the manufacturing:  
Market  
surveillance

Periodical routine  
checks

Unexpected checks:  
road side inspection

Checkings after  
modifications

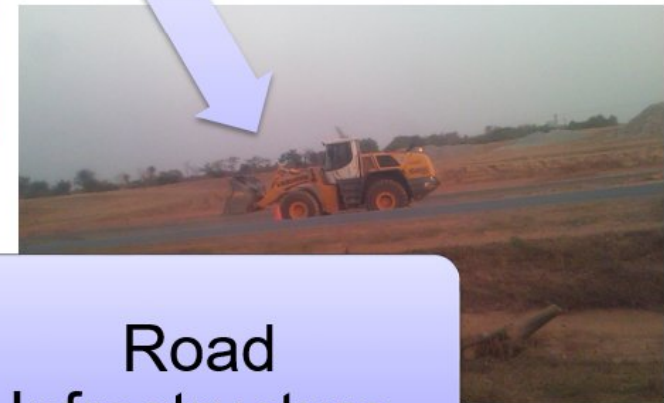
# ROAD SAFETY TRIANGLE



Roadworthiness  
Inspection



Road  
Safety



Driving  
Skills



Road  
Infrastructure

# HOW TO ASSESS THE IMPACT OF PTI?

TRADITIONAL ACCIDENT ANALYSIS IS MAINLY  
FOCUSED ON NON TECHNICAL IMPACT

One of the main targets of accident analysis is to determine personal liabilities

# BUT WE GET SOME CLUES

## ACCIDENT EVOLUTION AFTER THE INTRODUCTION OF PTI FOR MOPEDS IN SPAIN

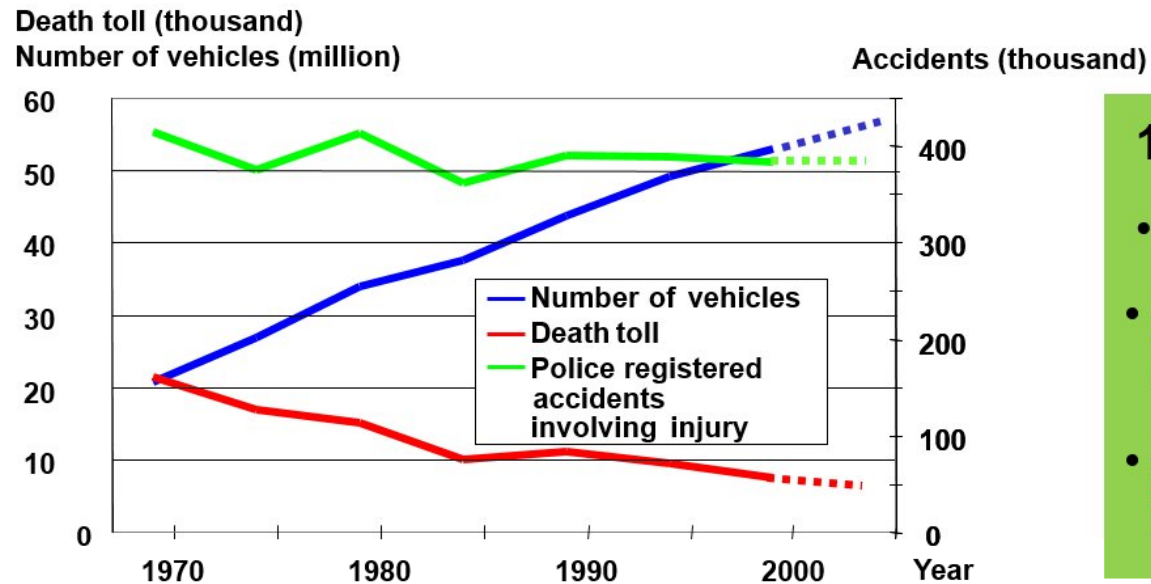
Period	Mopeds fleet share	Fatalities		Injured	
		Urban	Road	Urban	Road
2003 - 2006	7,5%	30,67%	5,43%	40,82%	9,56%
2013	6,38%	8,85%	3,16%	17,61%	5,44%

PTI for Mopeds has been introduced in Spain between 2007 and 2010 depending on the region

Source: Anuario estadístico de Accidentes 2013 DGT.

Data presented by Luis Gutiérrez – AECA-ITV

# GERMANY



## 1970 - 2000:

- vehicles tripled
- accidents remained unchanged
- death toll dropped by more than 50%

## Accident prevention and accident control strategies:

- Enhanced **active** and **passive** vehicle safety
- Improved driver skills and behaviour
- Faster accident reporting and rescue operations

TURKEY

GREENFIELD IMPLEMENTATION OF A NATIONWIDE VEHICLE INSPECTION PROGRAMM IN 2007

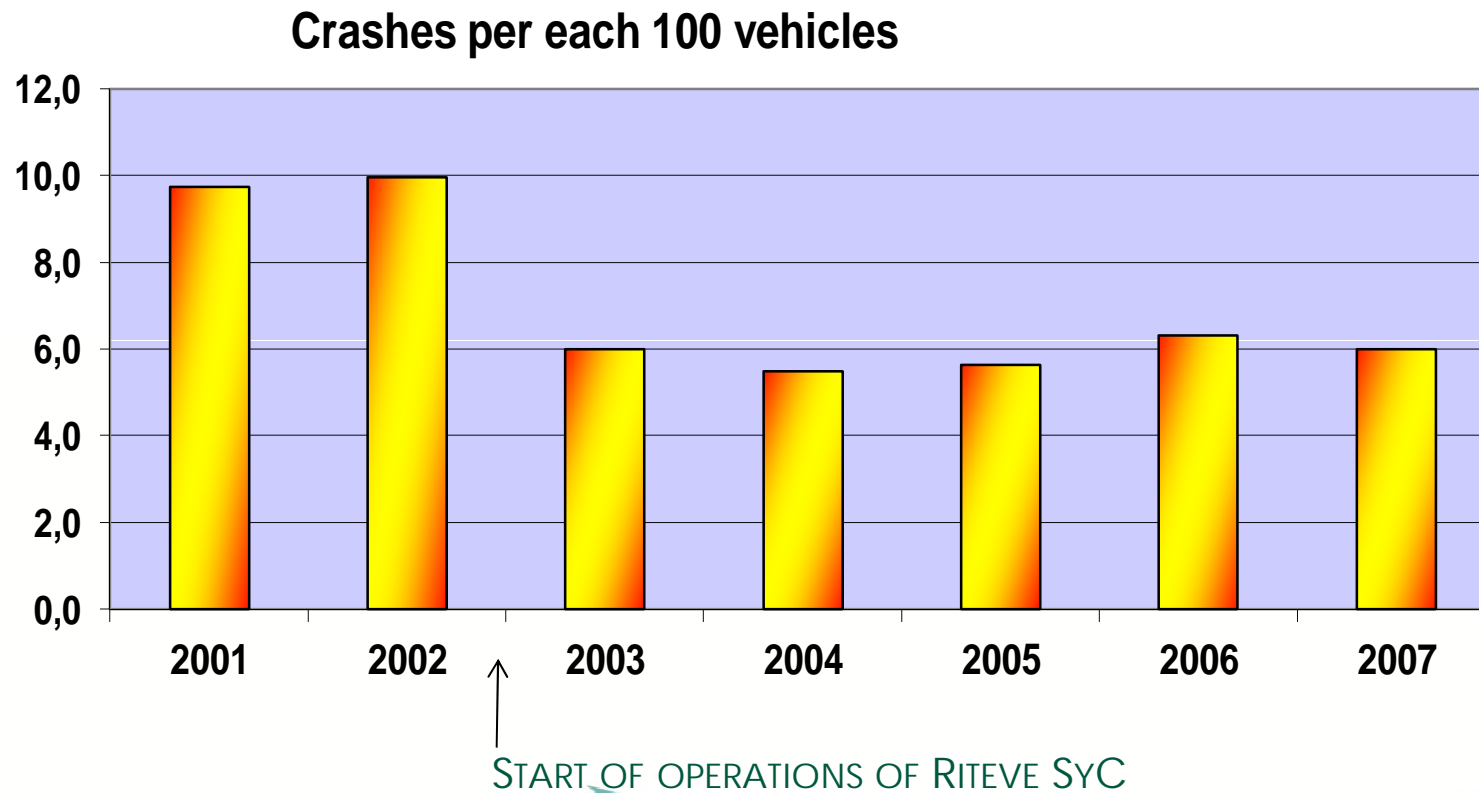
COUNTRYWIDE OPERATIONAL IN 2009.

2011 FIRST RESUME OF BINALI YILDIRIM, MINISTER TRANSPORT, HIGHLIGHTED THE REDUCTION OF FATALITIES BY 40% IN THE PAST TWO YEARS

DETAILED STUDY UNDER DEVELOPMENT

# VEHICLES CRASHES DECREASES IN COSTA RICA

(SOURCE: COSEVI, POLICÍA DE TRÁNSITO, INFORME DEL ESTADO DE LA NACIÓN)



IN-USE VEHICLE COMPLIANCE MUST  
BE CONSIDERED IN ALL ROAD  
SAFETY POLICIES

THANK YOU FOR YOUR ATTENTION!  
DHANYAVAAD



secretariat@citainsp.org  
+32 (0) 2 469 06 70

Rue du Commerce 123 | 1000 Brussels, Belgium

[www.citainsp.org](http://www.citainsp.org)

