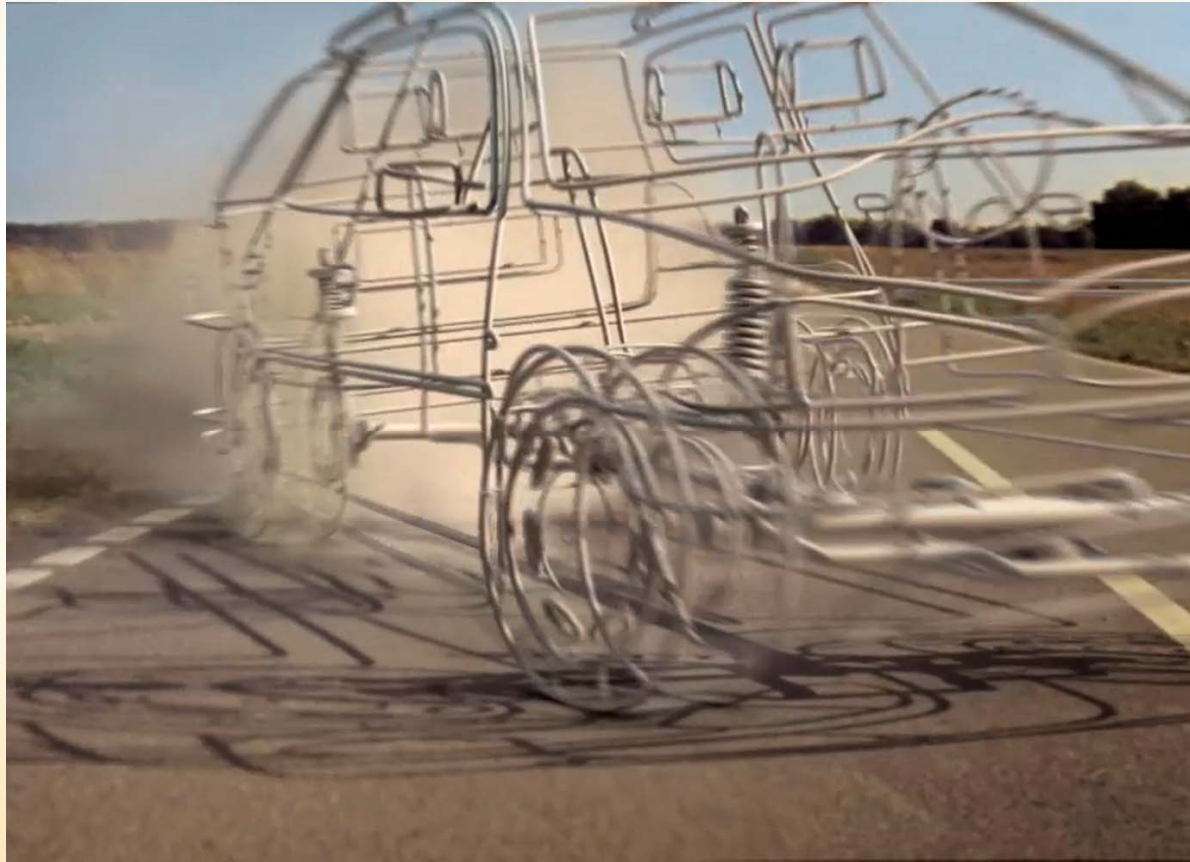




**SURF 2008**  
SURF 2008

## Introduction to SURF2008



## Acknowledge:

**The Slovenian Roads Agency and Slovenian PIARC  
National Committee**

**Chairman of the Organizing Committee:**

**[Mr. Bojan Leben](#) and his team**

**Chairman of the Scientific Committee**

**[Mr. Mathieu Grondin](#) – and the work of the scientific  
committee**

# The challenges today:



Environment



Safety



Air pollution



Noise

# Implementing new contractual concepts as:

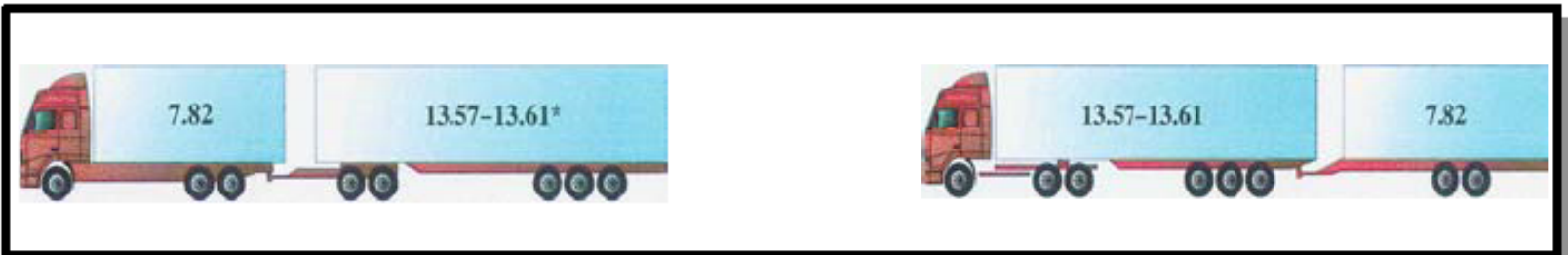


Long Term Performance-based Maintenance Contracts



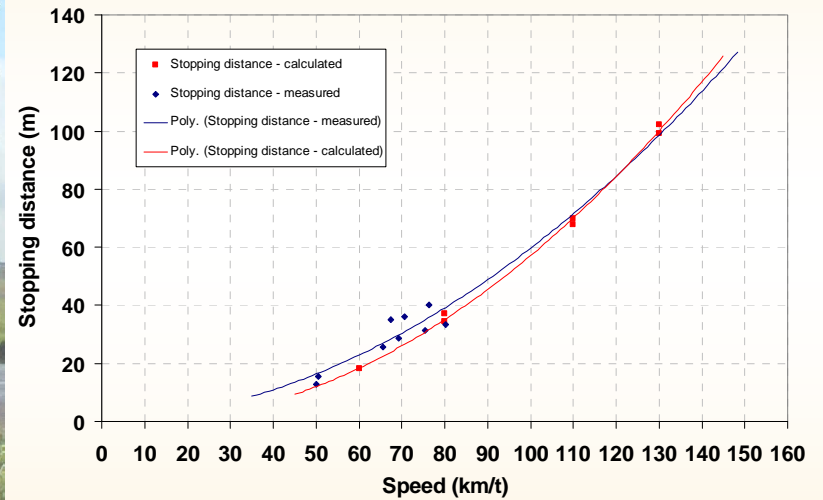
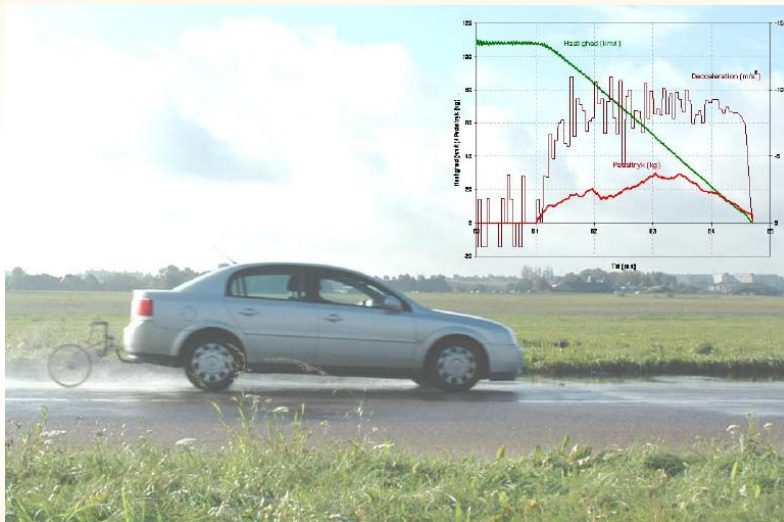
Private – Public - Partnership

# Development in vehicle fleet

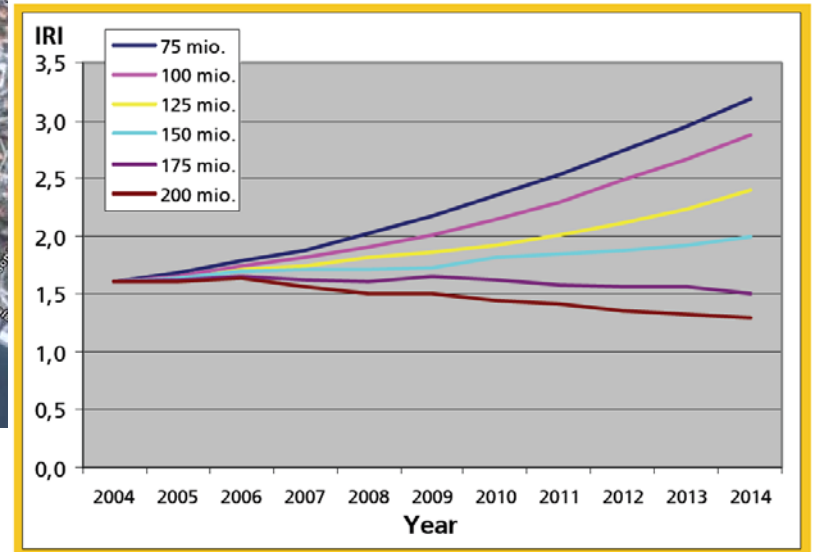


	Speed	Functional time braking system	Deceleration	Braking distance
Ordinary trailer	90 km/h	0.5 sec	4.95 m/s <sup>2</sup>	75.6 meter
Semi trailer	90 km/h	0.5 sec	4.70 m/s <sup>2</sup>	79.0 meter
Modular truck	90 km/h	0.75 sec	4.74 m/s <sup>2</sup>	84.7 meter

# Traffic speed versus stopping distance



# Protecting the road network assets



# Terms of reference TC 4.2 – Road/Vehicle Interaction and basis for setting up SURF2008

## **Having a 20 to 30-years vision of developments in vehicle and road pavement characteristics**

Review the possible evolution in private cars and trucks and impact of these changes on desirable characteristics for pavements

## **Reducing road noise**

Review new developments in vehicles, tyres, pavements and their interaction allowing to envisage a significant reduction in road noise  
Harmonise methods to characterise road noise

## **Improving the description of pavement surface characteristics**

Continue the work on texture and skid resistance  
Continue the work on automated cracking survey devices  
Review recent practices in the use of surface condition measurement for acceptance of road works



Wishing you all a pleasant and fruitful  
SURF2008

