IRU @ 2nd ASECAP Road Safety Event  
Professional Users: Training, Results & Targets  
Prague, 1st of March 2010

Patrick Philipp  
Head IRU Academy

IRU Membership  
Created 1948  
180 Members  
74 Countries

IRU Commitment  
Road Safety Highest Priority  
The IRU supports all measures that improve road safety  
if they effectively target the main causes of accidents involving trucks.

ETAC A Scientific Study  
• Expert teams investigated on site more than 600 accidents involving trucks over 2 years.  
• Investigations were based on a scientific, widely accepted and internationally benchmarked methodology.

ETAC Study - Methodology  
• Experts cooperate with emergency services.  
• Expert teams check selection criteria:  
  - the accident involves at least one truck (over 3.5t)  
  - the accident resulted in at least one injured person  
• Investigation and data collection  
• Data analysis and data verification  
• Accident reconstruction

ETAC Study Data Base  
• describe the accident causation sequence  
• reconstruct the pre-collision phases  
• identify critical situations  
• analyse malfunctions  
• categorise accident types  

Identify the main causes of accidents involving trucks
Accident Categories

11.3% Accident after an overtaking manoeuvre
19.5% Accident due to lane departure
20.6% Accident in queue
27.0% Accident at intersection
7.3% Single truck
Truck and other road user (vehicles and/or pedestrian)

Main Cause: The Human Factor

624 accidents showed the main cause of the accident is human error.

However, from the 85.2% linked to human error, 75% were caused by other road users!

Main Cause of an Accident: More Details

The top main causes for accidents between a truck and other road users are, according to the mentioned accident configurations:

1. Non-adapted speed
2. Failure to observe intersection rules
3. Improper manoeuvre when changing lanes.

IRU Academy Objectives

• Harmonisation of high quality training programmes
• Recognition of graduate vocational training achievement by the profession - worldwide
• Continuous quality control of vocational training
• Provide an anti-falsification system of any diploma/certificate issued by any IRU Academy ATIs
• Online access to expert designed training material and reference resources

The IRU Academy is a key Training Institute partner