Pole side impact accident data – France
national & LAB data

LAB data = only severe & fatal accidents taken into account
National data

Frequency of pole side impact

French National data base year 2008, n=13591
car design according to R95
accidents to vulnerable road users excluded

Pole impacts are not very frequent
Direction of force

Result: Perpendicular is the most frequent impact direction

Informal Group Pole Side Impact March 2011 - France
Direction of force including severity

Result:
Perpendicular is the most frequent AND most severe impact direction

Informal Group Pole Side Impact March 2011 - France
Diameter of Pole

LAB - Passenger car side impact to pole, diameter of pole, n=43

Result: The pole diameter in current tests seems appropriate

Informal Group Pole Side Impact March 2011 - France
Conclusion

Detailed analysis based on French national & LAB data is in line with the EEVC synthesis (PSI-01-11) presented during the last IG in November 2010 in Bonn.