



**SHARING COMMON SAFETY PRINCIPLES  
FOR GUARANTEEING SAFETY AND IMPROVING INTEROPERABILITY  
IN AN INTEGRATED INTERNATIONAL RAILWAY NETWORK.**

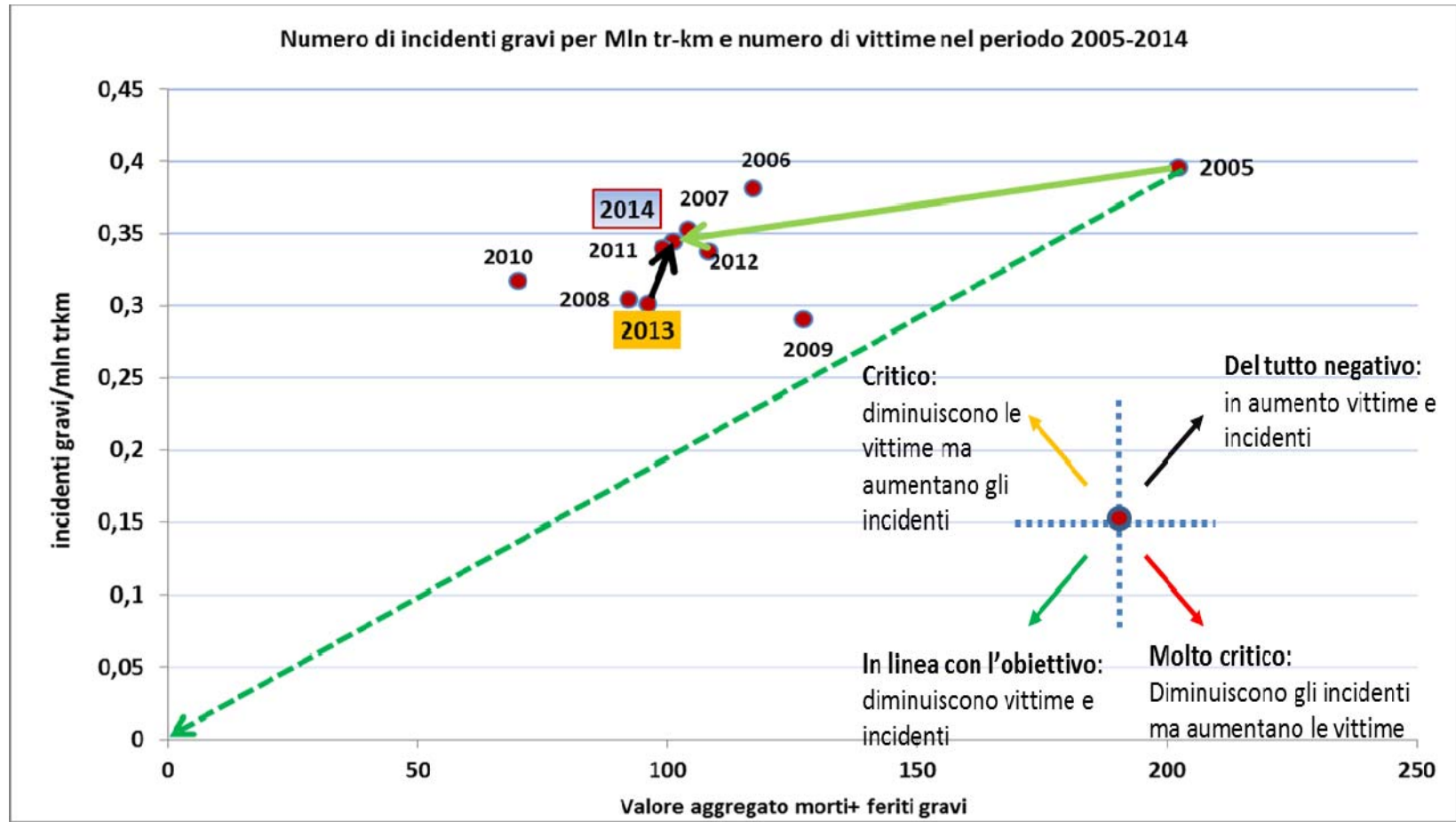
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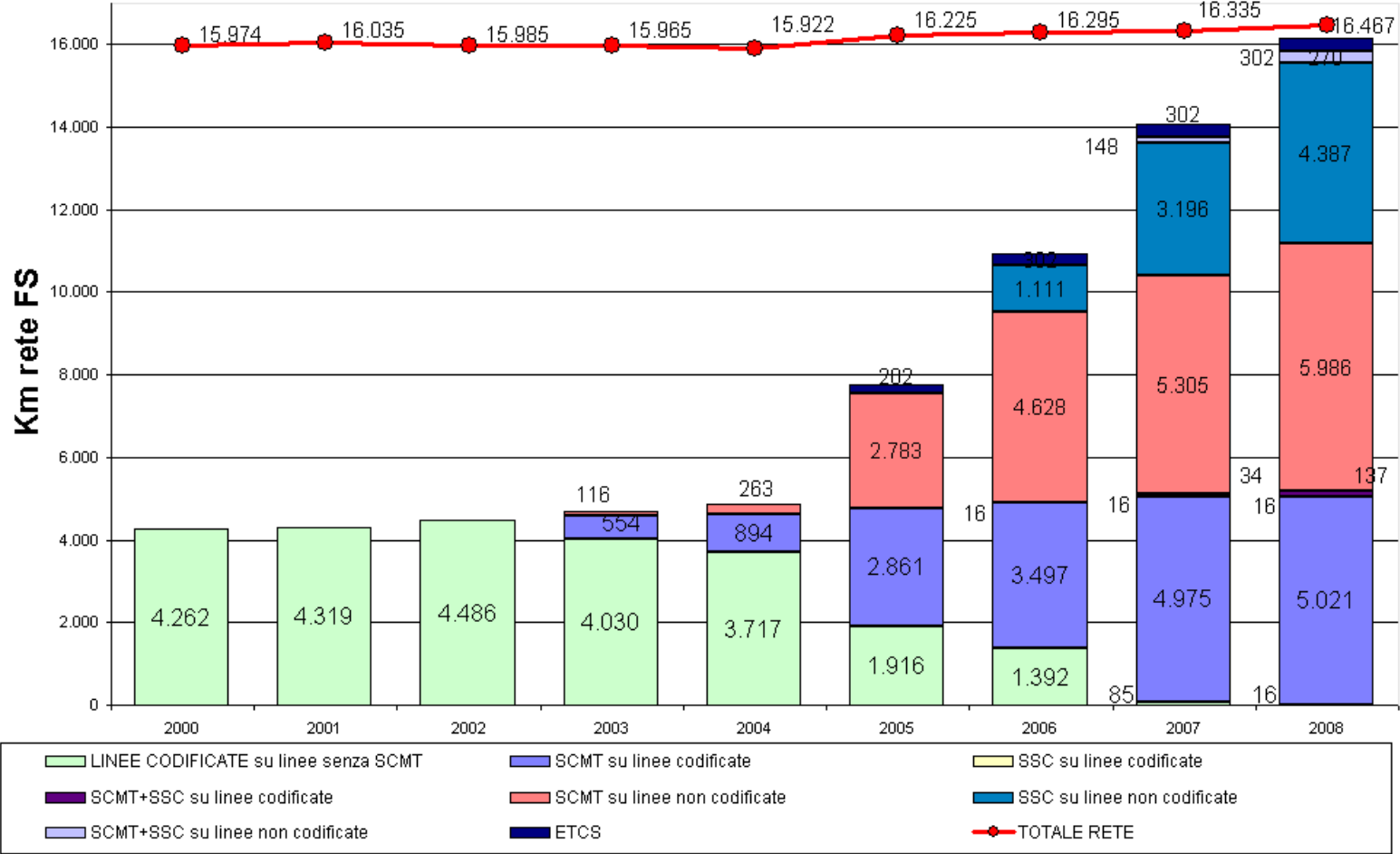
Geneva, 24<sup>th</sup> November 2015

# The Basic Italian Safety Principle

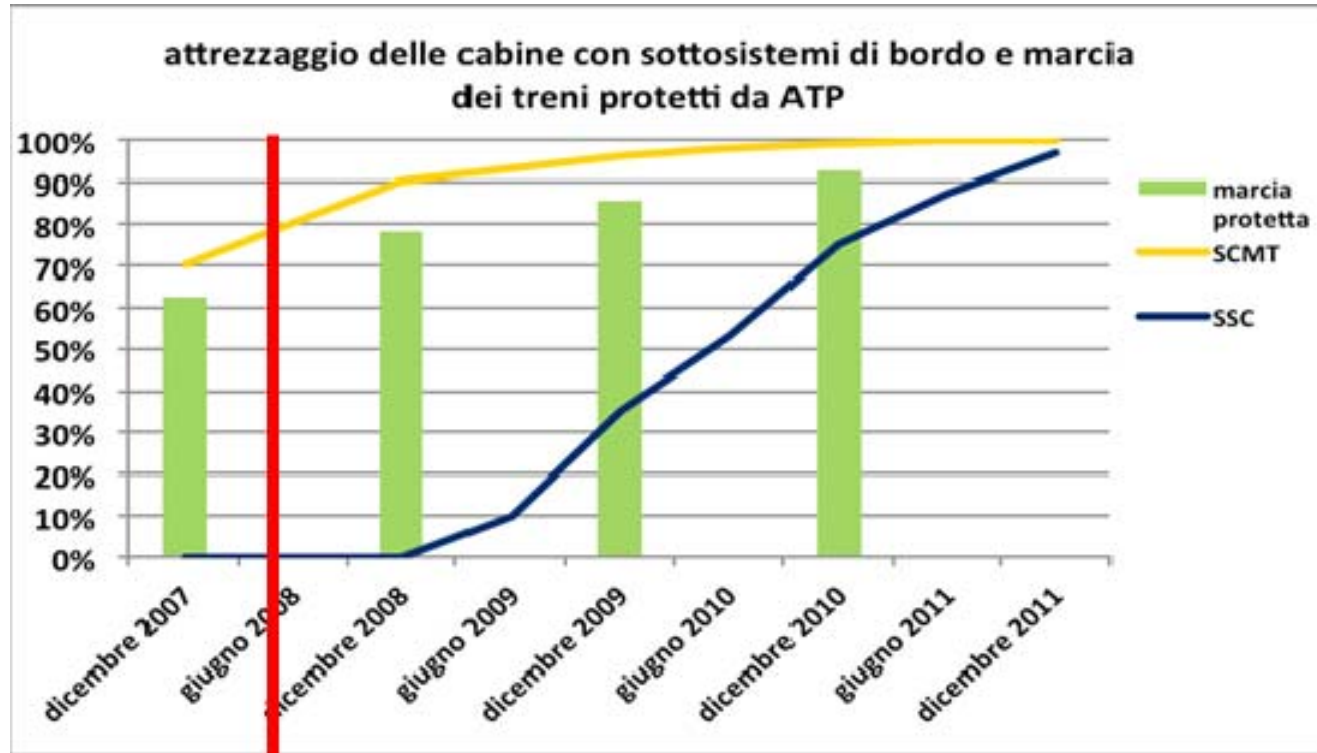
The number of accidents per year should tend to "zero" together with the number of fatalities per year



# Implementation of ATC/ATP systems on the Italian national network



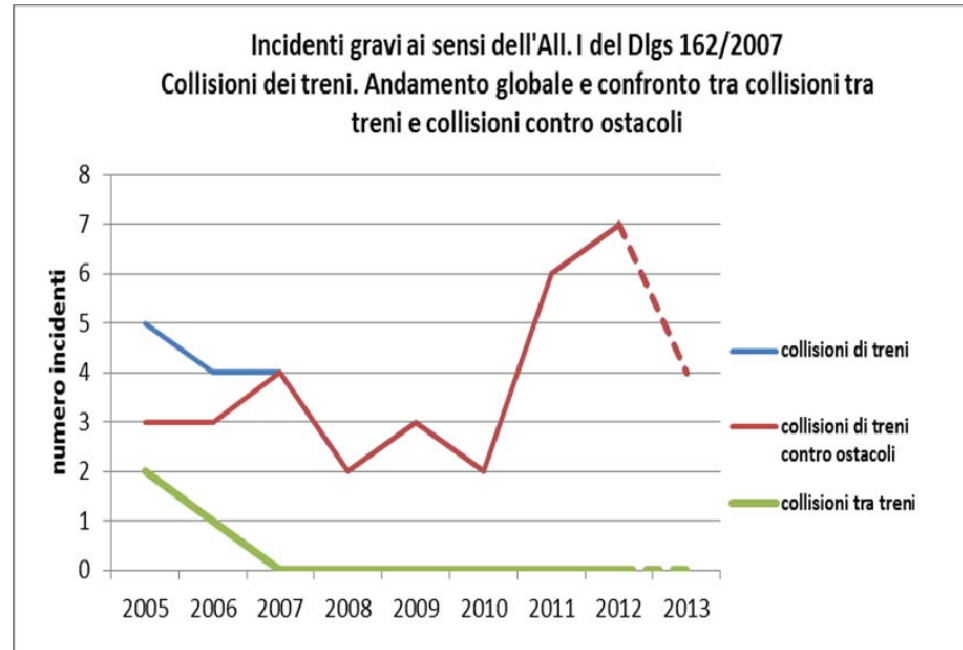
# Traffic protected by ATC/ATP Systems



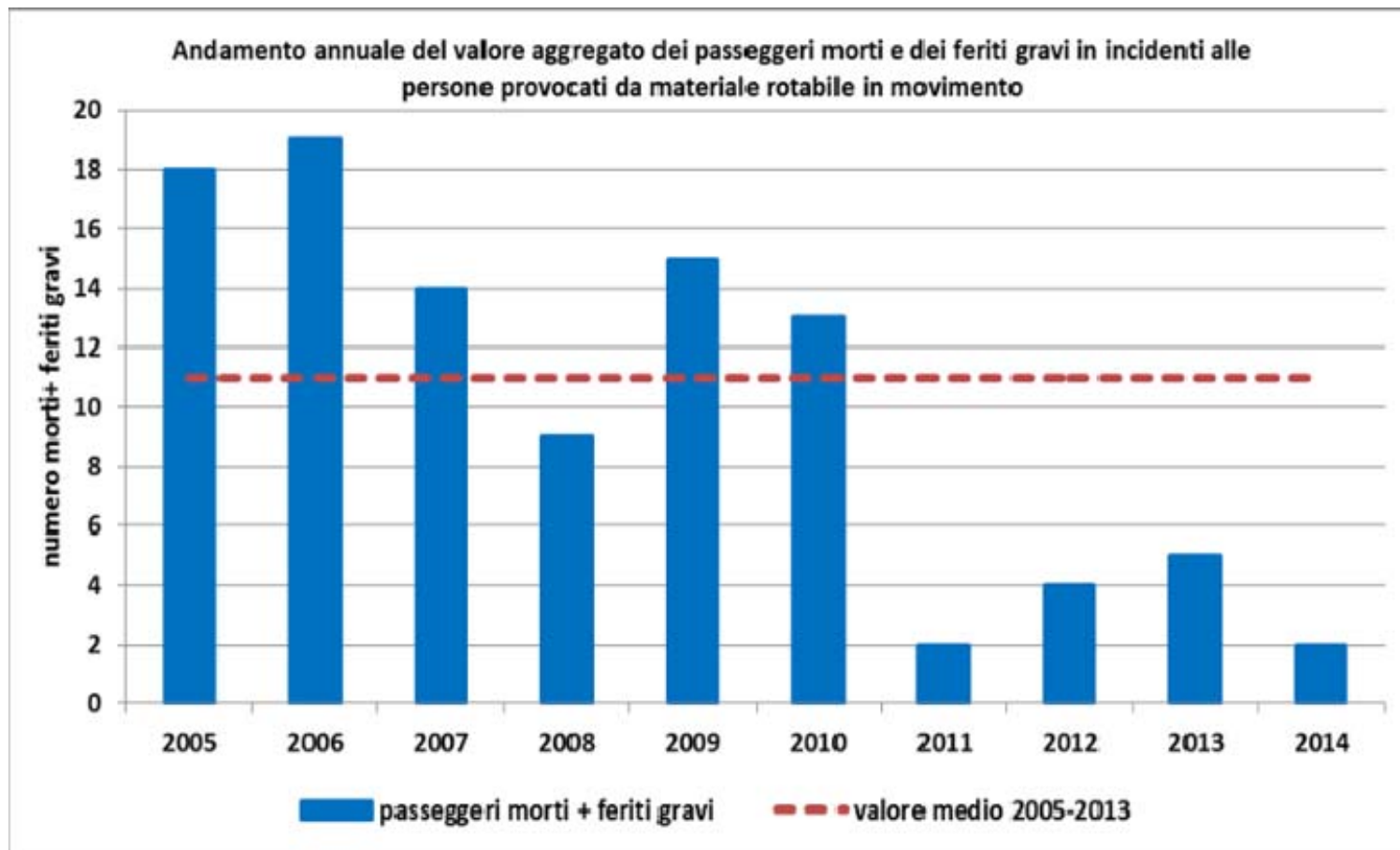
**ANSF**

# Train Collisions

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# Passengers fatalities in rolling stock's movements



## Safety Principles to be shared

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0. The number of accidents and of their victims should tend to “zero”
1. Trains are allowed to run only if automatically protected from driver’s and signalmen’s mistakes
2. The outside doors of a passenger train must be locked before the departure and during the trip
3. Circulation should be stopped while signaling devices are under maintenance
4. ...

# Why sharing Safety Principles?

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## ACHIEVING HOMOGENEOUS SAFETY PERFORMANCES

### IMPROVING INTEROPERABILITY:

- Trains without the right on board subsystems cannot run in Italy
- Passenger trains without doors centralized block system cannot run in Italy
- ....
- Reducing problems on cross-borders sections