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# *Working together: EU experience with level crossings*

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Mobility and  
Transport

**CONNECTING**  
**EUROPE**

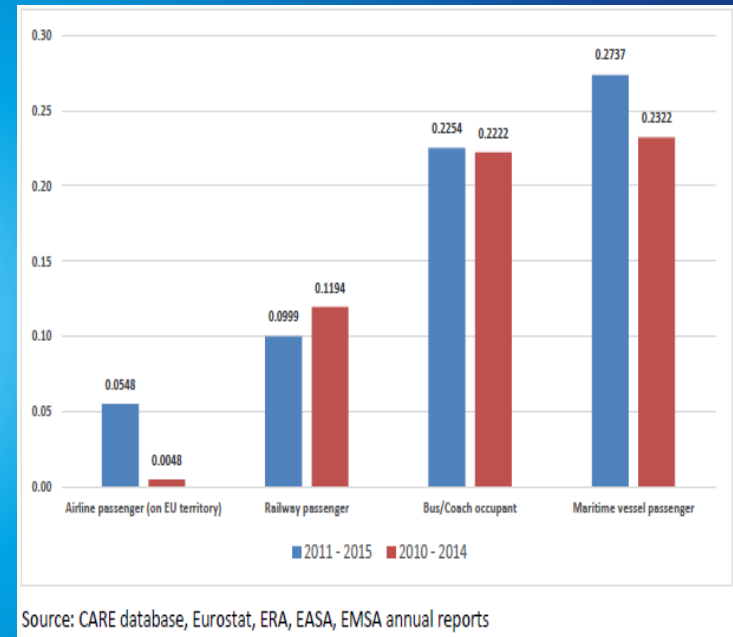
# How can we make Level crossing safer from a European rail perspective?



Photo by the Level Crossing Removal Project

# How can we make Level crossing safer from a European rail perspective? Understanding the context

- Different Perspectives but the same fatal consequences
  - Fatalities in rail represent 30%
  - Fatalities in road represent 1%
- Road and rail are closely linked
  - More rail reduce road traffic congestion
  - Overall safety improved



Passenger fatality risk (passenger fatalities per billion passenger-km) for different modes of transport, EU, 2010-2014 and 2011-2015

# How can we make Level crossing safer from a European rail perspective? *A common approach to safety*

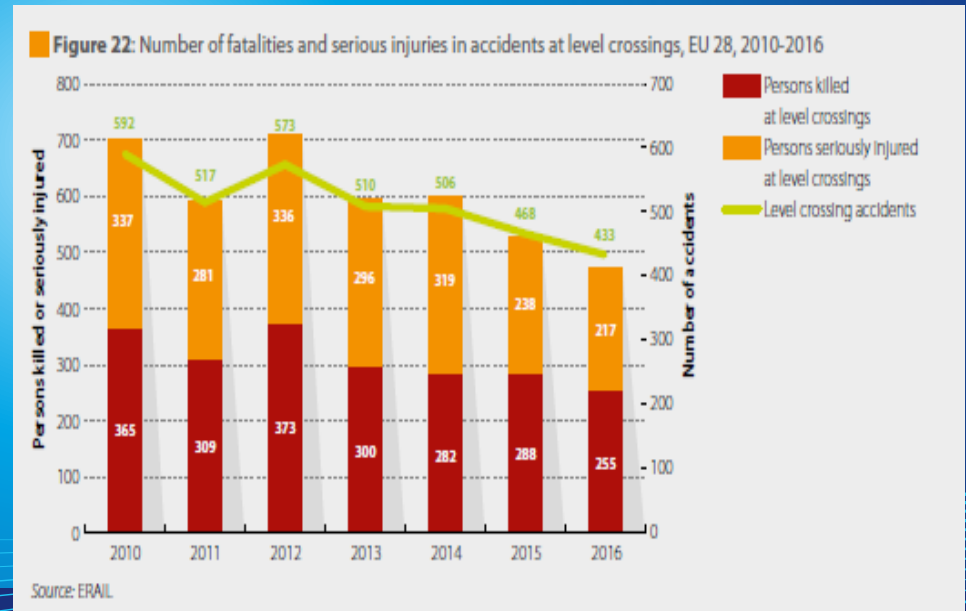
- The players:
  - railway undertakings, infrastructure managers, national safety authorities, investigation bodies, ...
- ERA – European Railway Agency
- The regulatory framework:
  - Railway safety directive,
  - common safety methods,
  - common safety indicators,
  - common safety targets



# How can we make Level crossing safer from a European rail perspective? Rail and Road together

Blackspot when road and rail meet around level crossing

- Consequences differ
- Statistics differ
- Synergies are needed
- ERA in CARE
- Convergence in statistics



## What can we do to improve the situation?

- Legislative improvements - Directive 2008/96/EC on road infrastructure safety management
  - New draft
  - Removal when possible
  - Safer level Crossing = Technology + enforcement + education
- RAIL
  - Learning from the accidents
  - New reporting structure Reinforce of the safety strategy
- ROAD – needs a similar approach



## What are we doing to improve the situation?

- Shift2rail – Digitalisation
- C-ROADS and C-ITS (Infrastructure to Vehicle, Vehicle to Vehicle communication)
- Safer level crossing project – H2020
- CEF Funding – 200 m € for for road safety and digitalisation
- EC and EIB platform on road safety
- Road Safety Policy Framework 2021-2030
- For rail - Twinning II - 3 years activity on safety culture

## Conclusive remarks:

There are improvements on level crossing safety but works are still in progress !



**Thank you for  
your attention!**