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Working together: EU experience with level crossings

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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
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!