



SAFER LEVEL CROSSING BY INTEGRATING AND
OPTIMIZING ROAD-RAIL INFRASTRUCTURE
MANAGEMENT AND DESIGN

SAFER-LC Final Conference

Conclusion

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This project has received funding from the European Union's
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grant agreement No 723205



SAFER-LC results and outputs

All deliverables are public and available on the website at

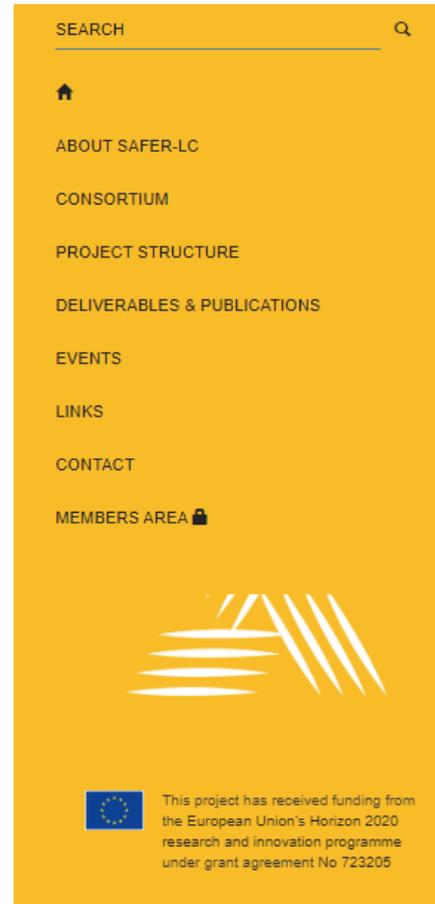
<https://safer-lc.eu/deliverables-publications-5>



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DELIVERABLES & PUBLICATIONS

NO	DELIVERABLE NAME	WP NO	LEAD PARTICIPANT	DISSEMINATION LEVEL
D1.1 	Analysis of level crossing safety in Europe and beyond	1	FFE	PU
D1.2 	Level crossing accidents and factors behind them	1	VTT	PU
D1.3 	Needs and requirements for improving level crossing safety	1	UIC	PU
D2.1 	State of the art of LC safety analysis: identification of key safety indicators concerning human errors and violations	2	FFE	PU
D2.2 	Human factor methodological framework and application guide for testing (interim report)	2	UIC	PU
D2.3 	Definition of new human centred low cost countermeasures	2	DLR	PU
D2.4 	Evaluation of new human centred low cost measures	2	DLR	PU
D2.5 	Human factor methodological framework	2	UIC	PU



SEARCH 

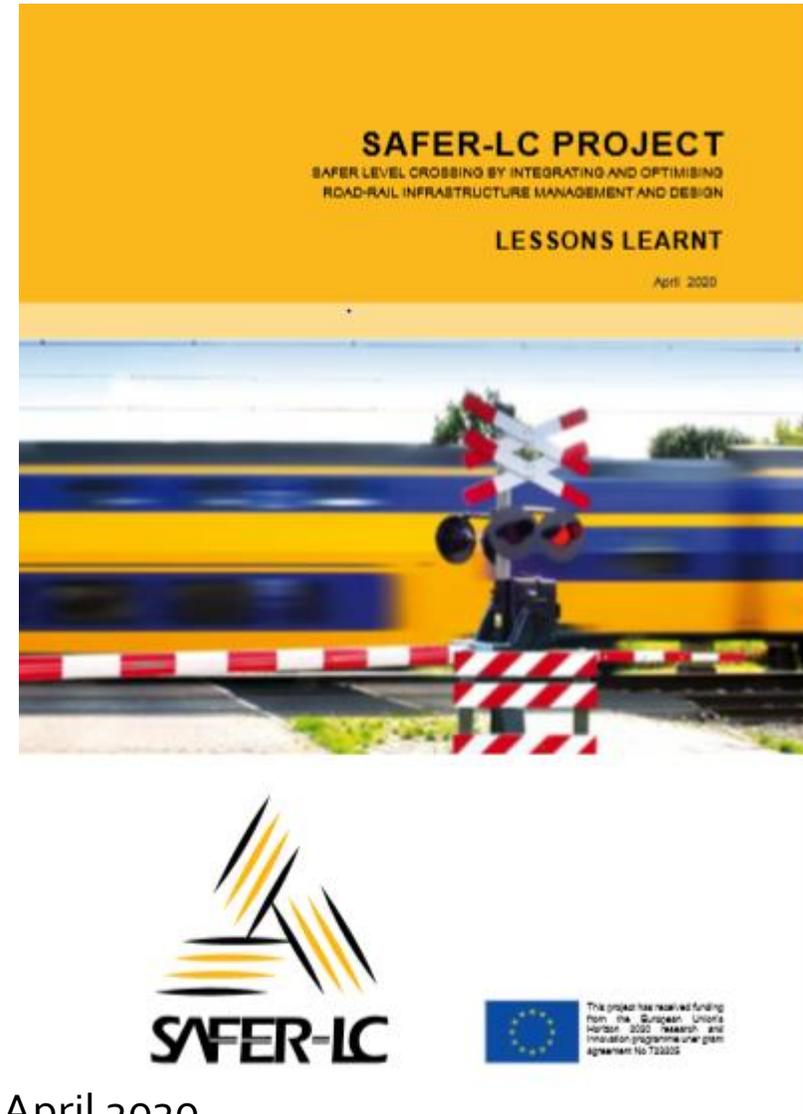
-  ABOUT SAFER-LC
- CONSORTIUM
- PROJECT STRUCTURE
- DELIVERABLES & PUBLICATIONS
- EVENTS
- LINKS
- CONTACT
- MEMBERS AREA 



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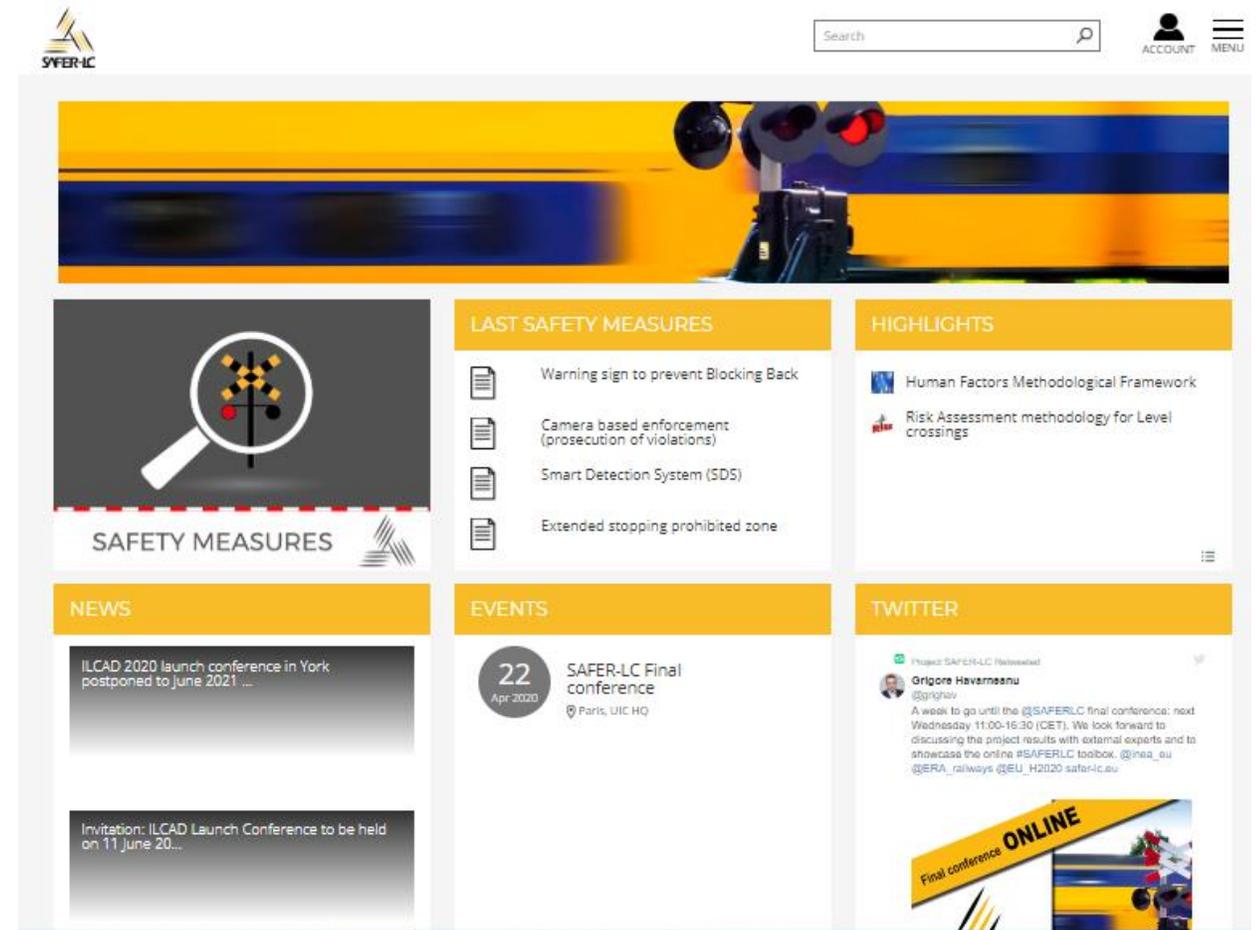
Lessons learnt form the project

- ▲ Online guidance at <https://safer-lc.eu/>
 - ▲ Overview on level crossing accidents
 - ▲ Risk evaluation
 - ▲ Assessment of measures
 - ▲ Human Factors methodological framework
 - ▲ Safety evaluation framework
 - ▲ Financial evaluation – Cost Benefit Analysis
 - ▲ Overview of the test sites
 - ▲ 20 measures tested in 10 different locations
 - ▲ Some examples of measures



SAFER-LC Toolbox

- ▲ <http://toolbox.safer-lc.eu/>
- ▲ **Target:** road and rail infrastructure managers, train operators, engineers, designers, scientists, policy makers and standardization bodies
- ▲ **50 measures available** to help decision makers to make LC safer



The screenshot shows the SAFER-LC Toolbox website interface. At the top right, there is a search bar, an account icon, and a menu icon. The main content area is divided into several sections:

- SAFETY MEASURES:** A section with a magnifying glass icon over a signal post, listing measures such as "Warning sign to prevent Blocking Back", "Camera based enforcement (prosecution of violations)", "Smart Detection System (SDS)", and "Extended stopping prohibited zone".
- LAST SAFETY MEASURES:** A section with a yellow header, listing the same four measures as above.
- HIGHLIGHTS:** A section with a yellow header, listing "Human Factors Methodological Framework" and "Risk Assessment methodology for Level crossings".
- NEWS:** A section with a yellow header, listing "ILCAD 2020 launch conference in York postponed to June 2021 ..." and "Invitation: ILCAD Launch Conference to be held on 11 June 20...".
- EVENTS:** A section with a yellow header, listing "22 Apr 2020 SAFER-LC Final conference" at "Paris, UIC HQ".
- TWITTER:** A section with a yellow header, showing a tweet from "Grigore Havarnescu" about the final conference.

Next steps - UIC

- ▲ Hosting, maintenance and regular update of the **toolbox and the website**
- ▲ Organisation of workshops at national and international level
- ▲ Dissemination of the results in related international conferences
 - ▲ ILCAD (International Level Crossing Awareness Day)
ILCAD 2020 Campaign still ongoing on 11 June 2020 but ILCAD 2020 conference postponed to Thursday 10 June 2021 in York
 - ▲ ELCF (European Level Crossing Forum) meetings
 - ▲ UIC Safety platform meetings
 - ▲ ERA Safety conferences
- ▲ Inclusion of the SAFER-LC brochure on lessons learnt in the UIC catalogue of publications
- ▲ Permanent contact point : info@safer-lc.eu
- ▲ LinkedIn group : [SAFER-LC](#)

Final Conference

- ▲ Thanks to all attendees
 - ▲ around 200 Participants
 - ▲ from 100 companies/organisations
 - ▲ Transport authorities, National Safety Authorities, rail and road infrastructure managers and operators, public transport operators, providers, academics, research centers
 - ▲ in 34 countries
 - ▲ in Australia, Asia, America, Africa, Middle East and Europe



SAFER-LC

- ▲ 3 years of cooperation with the 17 partners
- ▲ A lot of support from external experts during the 3 Workshops organised



Great cooperation – Thanks to all SAFER-LC Partners



SAFER-LC Final conference, 22 April 2020



Thank you for your attention



Contact : info@safer_lc.org

Website : <https://safer-lc.eu>

Toolbox : <http://toolbox.safer-lc.eu/>

Linked in : [SAFER-LC](#)

