



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

# SAFER-LC Final Conference

## 22 April 2020

### Overview

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This project has received funding from the European Union's  
Horizon 2020 research and innovation programme under  
grant agreement No 723205



# Challenges

**Active LCs  
with full barriers**



**Active LCs  
with half-barriers /  
light protection**



**Passive LCs**



# Objectives

Improve **safety** and minimize risks at and around LCs



Focus on **technical solutions** (early detection, communication between vehicles)



Focus on **human processes** (adapt the infrastructure to end-users, human centred measures, VRUs)



**Develop a toolbox** which will integrate all the project results and solutions



# Key facts

## ▲ Framework : H2020 Call 2016-2017 Mobility for Growth

- Topic: MG-3.4-2016 : Transport infrastructure innovation to increase the transport system safety at modal and intermodal level (including nodes and interchanges)

▲ **Timeframe:** 1st May 2017 - 30 April 2020

▲ **Budget:** € 4,9 million

▲ **Coordinator:** UIC

▲ **Website:** [www.safer-lc.eu](http://www.safer-lc.eu)

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



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- ▲ **Coordinator : UIC**
- ▲ **17 partners** : Rail and road end users, academics, research centers, SMEs
- ▲ **8 European countries and 2 associated countries**

SAFER-LC toolbox : <http://toolbox.safer-lc.eu>

