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Deliverable D6.7

Online Toolbox

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Consortium - List of partners

Partner No	Short name	Name	Country
1	UIC	International Union of Railways	France
2	VTT	Teknologian tutkimuskeskus VTT Oy	Finland
3	NTNU	Norwegian University of Science and Technology	Norway
4	IFSTTAR	French institute of science and technology for transport, development and networks	France
5	FFE	Fundación Ferrocarriles Españoles	Spain
6	CERTH-HIT	Centre for Research and Technology Hellas - Hellenic Institute of Transport	Greece
7	TRAINOSE	Trainose Transport – Passenger and Freight Transportation Services SA	Greece
8	INTADER	Intermodal Transportation and Logistics Research Association	Turkey
9	CEREMA	Centre for Studies and Expertise on Risks, Environment, Mobility, and Urban and Country planning	France
10	GLS	NeoGLS	France
11	RWTH	Rheinisch-Westfaelische Technische Hochschule Aachen University	Germany
12	UNIROMA3	University of Roma Tre	Italy
13	COMM	Commsignia Ltd	Hungary
14	IRU	International Road Transport Union - Projects ASBL	Belgium
15	SNCF	SNCF	France
16	DLR	German Aerospace Center	Germany
17	UTBM	University of Technology of Belfort-Montbéliard	France

Executive summary

The SAFER-LC toolbox is a free online tool with both practical and scientific aims. On the one hand it is a guide to best practice designed to integrate (in a user-friendly and accessible way) the recommendations, promising interventions, and specifications developed during the project. On the other hand, it is based on empirical evidence collected from the scientific literature, practical case studies, and from the project lab and field tests results and evaluation.

The toolbox summarises the most relevant and practical information collected and produced during the project. It provides an integrated overview of the road and rail safety requirements for the relevant actors of the LC safety community (e.g. road and rail infrastructure managers, train operators, engineers, designers, scientists, decision-makers, policy makers and standards developing organizations (SDOs)) and detailed guidance on the implementation of integrated socio-technical solutions to increase safety at LCs.

The SAFER-LC toolbox is available online at http://toolbox.safer-lc.eu/

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1. INTRODUCTION

The purpose of the Deliverable 6.7 is the provision of the SAFER-LC online toolbox at http://toolbox.safer-lc.eu/

2. DESCRIPTION

The SAFER-LC Toolbox is a decision-support tool to increase safety at level crossings (LCs) developed by UIC within the SAFER-LC project.

It is a free online tool with both practical and scientific aims. On the one hand it is a guide to best practice designed to integrate (in a user-friendly and accessible way) the recommendations, promising interventions, and specifications developed during the project. On the other hand, it is based on empirical evidence collected from the scientific literature, practical case studies, and from the project lab and field tests results and evaluation.

The toolbox summarises the most relevant and practical information collected and produced during the project. It provides an integrated overview of the road and rail safety requirements for the relevant actors of the LC safety community (e.g. road and rail infrastructure managers, train operators, engineers, designers, scientists, decision-makers, policy makers and standards developing organizations (SDOs)) and detailed guidance on the implementation of integrated socio-technical solutions to increase safety at LCs.

3. DEVELOPMENT PROCESS

The toolbox was designed and developed by UIC. A first version of the toolbox was presented in April 2019 (M24) to the members of consortium to get feedback and then adapt it accordingly.

During the third SAFER-LC workshop held on Wednesday 5 February 2020 in Madrid, around 40 road and rail safety experts from 10 countries evaluated the toolbox. This workshop was the opportunity to get new expert inputs and ideas to improve the existing content of the tool, and to collect expert feedback about the user interface. A new version is now under revision, taking into account the comments.

The SAFER-LC toolbox is available online at http://toolbox.safer-lc.eu/

The updating process is still on-going, and the toolbox will continue until the end of the project.

During the SAFER-LC final conference which will be held on 22 April 2020 in Paris, a training session on the toolbox will be organised.

The toolbox will be updated and improved by UIC even after the end of the project for the benefit of the entire road and railway safety communities.

4. SCREENSHOTS

Figure 1 : SAFER-LC Toolbox – Registration page

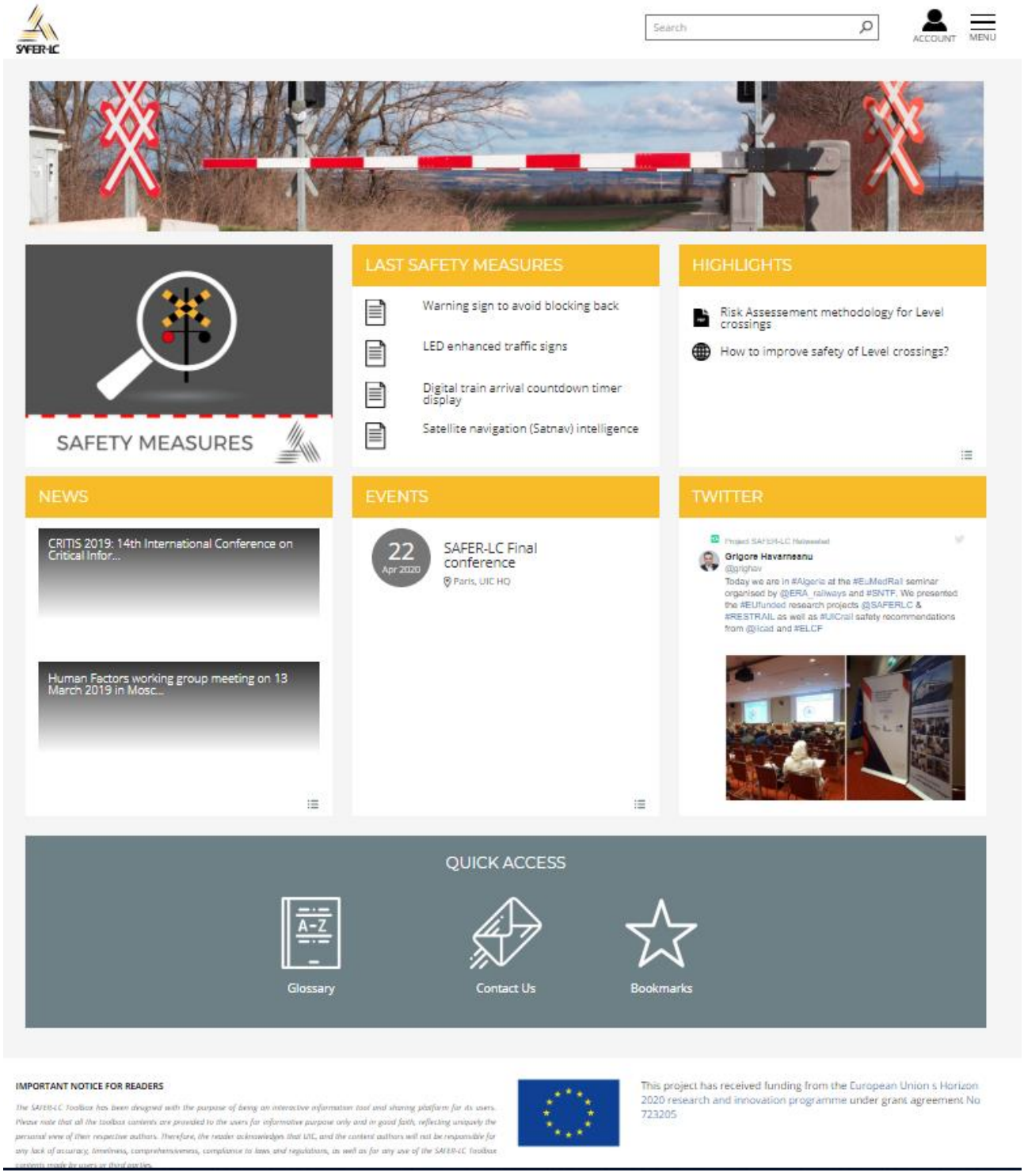

Figure 2: SAFER-LC Toolbox – Home page

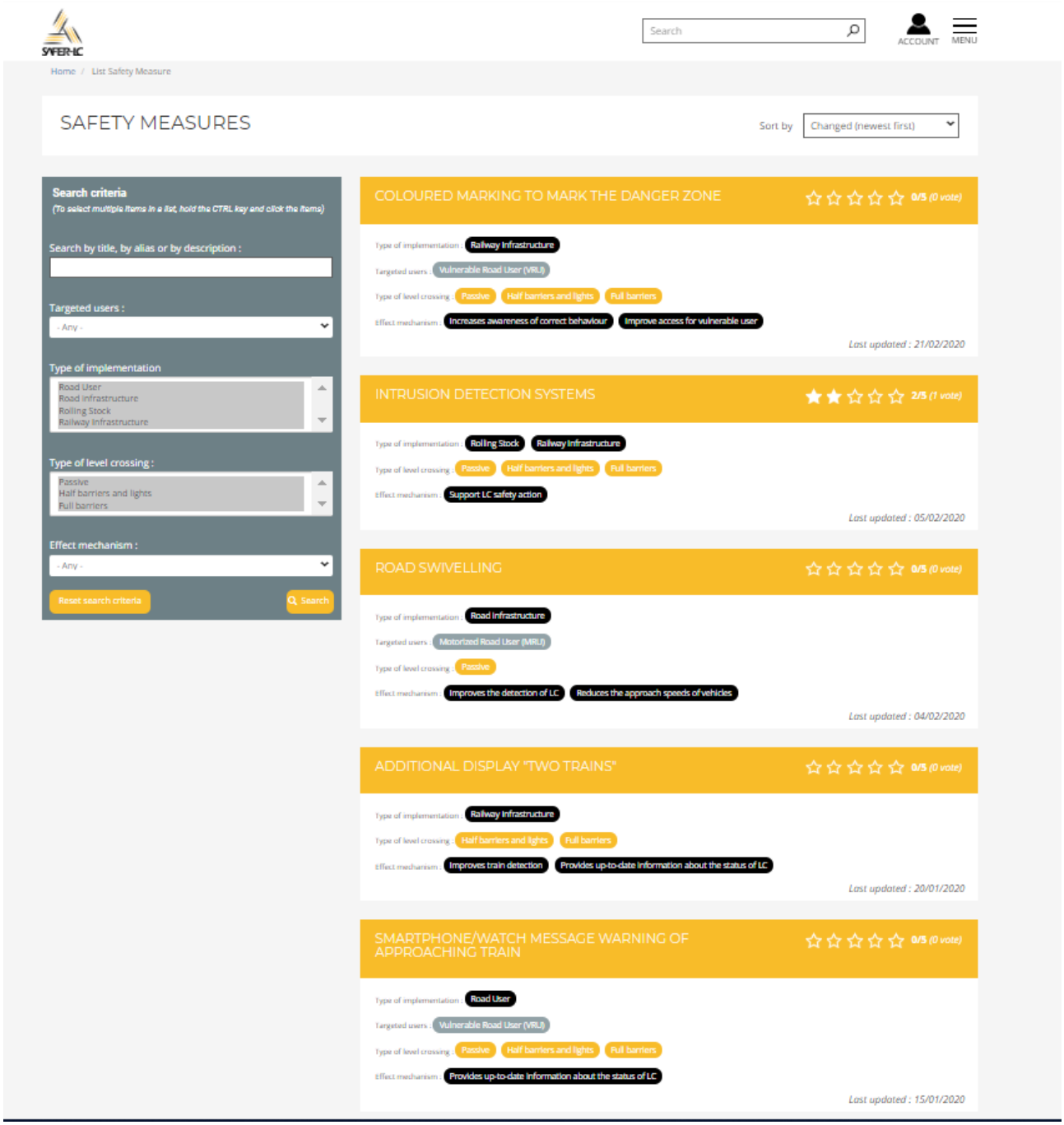

Figure 3 : SAFER-LC Toolbox – Safety measures list and search page

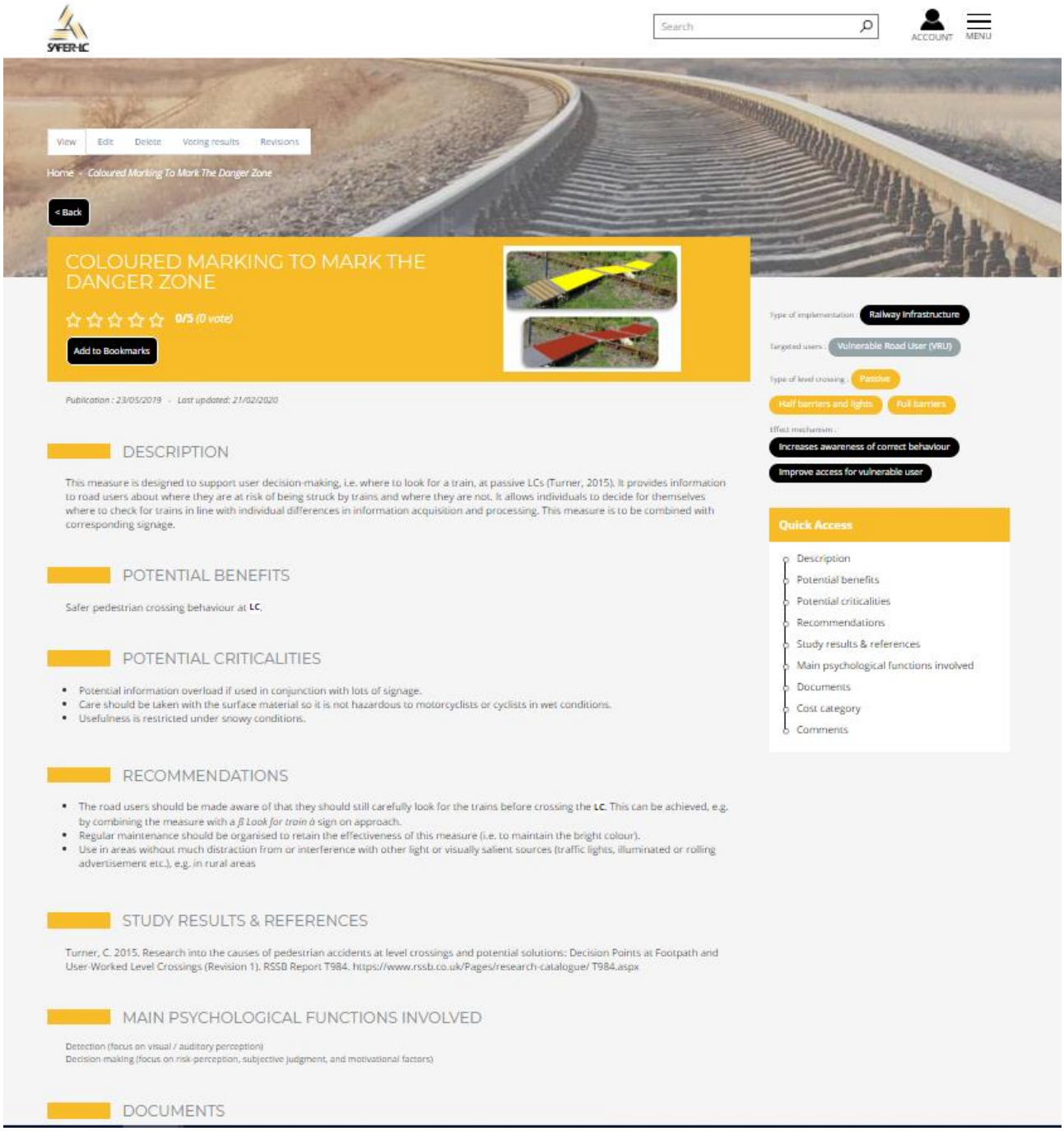

Figure 4 : SAFER-LC Toolbox – Example of a measure description

5. CONCLUSIONS

The toolbox will be regularly updated until the end of the project and beyond.