Overview WP2: Human Factor at LC: Design for self-explaining and forgiving infrastructure

Sarah Whalley, Fundación de los Ferrocarriles Españoles
WP2: Human Factor at LC: Design for self-explaining and forgiving infrastructure (M1-M34)

▲ Participants: FFE (Spain), DLR (Germany), UIC (France), VTT (Finland), UNIROMA3 (Italy), SNCF (France), CERTH-HIT (Greece), TRAINOSE (Greece), INTADER (Turkey), COMM (Hungary)

▲ Objective:
Enhance the safety performance of LC infrastructures from a human factor perspective, making them more self-explaining and forgiving, designed to take into account the needs of different road and rail users, and especially issues related to vulnerable users.

The objective will be met delivering the following activities:

- Development of a human factors methodological framework;
- Design and evaluation of innovative human-centred low cost measures (technological non-technological) encompassing different types of LC users.
# Work package 2 overview

<table>
<thead>
<tr>
<th>YEAR 1</th>
<th>YEAR 2</th>
<th>YEAR 3</th>
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</thead>
<tbody>
<tr>
<td>Identification of key safety indicators concerning human errors and violations (D2.1)</td>
<td>Human factors methodological framework research tools and implementation guide (D2.2 interim report)</td>
<td>Definition of new human centred low cost countermeasures (D2.3)</td>
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<tr>
<td>Human factors literature, expert consultation, SAFER-LC input</td>
<td>SAFER-LC project input</td>
<td>Expert consultation (HF workshop), SAFER-LC input...</td>
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<td>Define set of self-explaining and forgiving evaluation criteria</td>
<td>Analyse and evaluate technological and non-technological measures from user perspective</td>
<td>Evaluation of new human centred low cost countermeasures (D2.4)</td>
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<td>Understanding effectiveness of measures on making LC infrastructure self explaining and forgiving</td>
<td>Tested in WP4 test pilots sites</td>
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<td>Feedback on tool</td>
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SAFER-LC Workshop 2, 27th March 2018, Paris
Progress and results to date

▲ **Task 2.1:** Deliverable 2.1. State of the art of LC safety analysis: identification of key safety indicators concerning human errors and violations published on [www.safer-lc.eu](http://www.safer-lc.eu) and a human factors bibliographic database accessible to all project partners on the SAFER-LC extranet.

▲ **Task 2.2:** Human factors methodological framework and application guide for testing – Working document.

▲ **Task 2.3:** Workshop: Human Centred Safety Measures to Enhance LC-Safety.
THANK YOU FOR YOUR ATTENTION.

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