Latest developments on the Inland TDG Risk Management Framework

TCT / TDG Technical Committee
20 January 2021
The Risk Management Framework (RMF) can support users to achieve a continuous reduction of residual risks with a multimodal integrated approach.

The framework may be applied for:

- assessing risks related to operations
- choosing lower-risk routes
- optimising the use of the modes (Rail / Road / Inland waterways)
- assessing local risks in specific areas
- assessing the impact of potential new harmonised provisions
- justifying additional restrictions to RID/ADR/ADN or amending non-efficient ones
- ...

(framework flyer link: A one page overview of the Risk Management Framework)
Coherent approach

TRANSPORT LAWS
(Rail, Road, Inland waterways)

RID / ADR / ADN

Compliance with applicable rules and standards

Continuous reduction of residual risks

Integrated multimodal risk management by all stakeholders
The framework is composed of the following guides:

**Related Documents**

- Framework guide (overview) (1.84 MB)
- Guide for risk estimation (4.09 MB)
- Guide for decision-making (2.11 MB)
- Framework Glossary (994.46 KB)
The Guide for risk estimation helps the RMF users to describe and study various types of risk situations.
The Guide for decision-making describes the main steps to process robust risk management decisions taking into account the results of harmonised risk estimations.

Decision-making process helps users to assess the five following harmonised decision-making principles:

- Changes to transport systems are safe
- Continuous risk reduction
- Utility for society
- Fair treatment of individuals and groups of people
- Avoidance of uncontrolled risk transfer
Framework latest developments

- Multimodal TDG risk management framework
- Harmonised risk estimation method
- Harmonised decision-making method
- Scalable to various risk situations and stakeholders
- Compatible with current legislation

(done)

(on-going) EUDG Reference material RMP

- Mutual recognition of risk estimation results
- Mutual acceptance of residual risks
## Framework latest developments

<table>
<thead>
<tr>
<th>Section</th>
<th>Highlights</th>
</tr>
</thead>
</table>
| **Applicable version of the framework** | 9 dissemination events  
more than 1500 website visitors                                      |
| **Expert Users and Development Group (EUDG)** | 8 plenary meetings  
60 actions in 2 years  
1 new Sub-group on TDG scenarios |
| **Reference materials**               | 2 reference frequency tables  
Table of allocation of scenarios  
List of 93 TDG scenarios used in BE/FR/NL/CH |
| **Templates and tools**               | 3 templates assisting user case description                                |
| **User case examples**                | 2 user case examples                                                      |
| **Risk Management Platform**          | RMP concept description with impact assessment  
Collaborative IT development environment  
1 prototype module under development |
Latest developments in 2020

• March 2020
  Dissemination of TDG RMF in IPA framework

• September 2020
  Positive vote in UNECE/OTIF Joint Meeting for referring to the framework in RID/ADR/ADN 2023 provisions (footnote in chap. 1.9)

• October 2020
  1st meeting of the EUDG Sub-group on harmonization of TDG scenarios (HTDGSC)

• December 2020
  2nd meeting of the EUDG Sub-group HTDGSC

• December 2020
  2 days Webinar organized by MIT and CIFI – up to 400 participants
Already some events planned...

• 15-17\textsuperscript{th} of March 2021 Conference on Cybersecurity organized by ERA and ENISA, the European Union Agency for Cybersecurity

• 14-16\textsuperscript{th} of June 2021 Railway Safety Days – The European Union Agency for railways conference on railway safety

• 26-28th of October 2021(tbc) CCRCC 2021- The European Union Agency for railways conference on Railway Communication and Signaling
Making the railway system work better for society.

Follow us on  

Discover our job opportunities on era.europa.eu