

Latest developments on the Inland TDG Risk Management Framework

TCT / TDG Technical Committee
20 January 2021



(framework flyer link: [A one page overview of the Risk Management Framework](#))

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*
- ...



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Risk Management Framework


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➔ Applicable version of the framework

The framework is composed of the following guides:

Related Documents

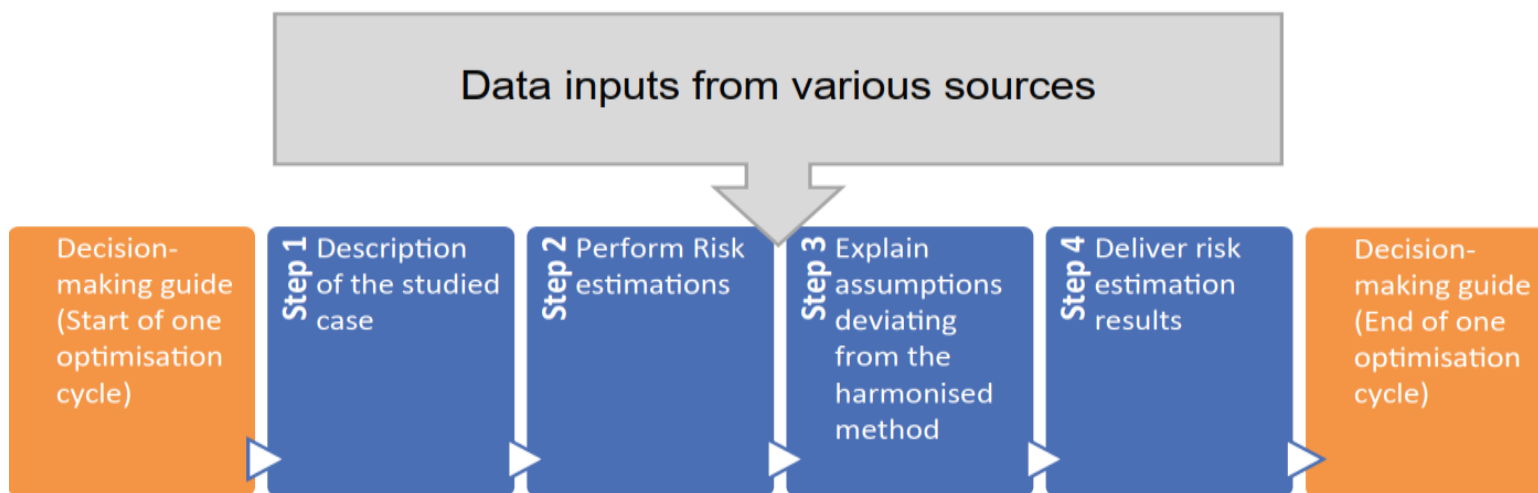
 [Framework guide \(overview\) \(1.84 MB\)](#)

 [Guide for risk estimation \(4.09 MB\)](#)

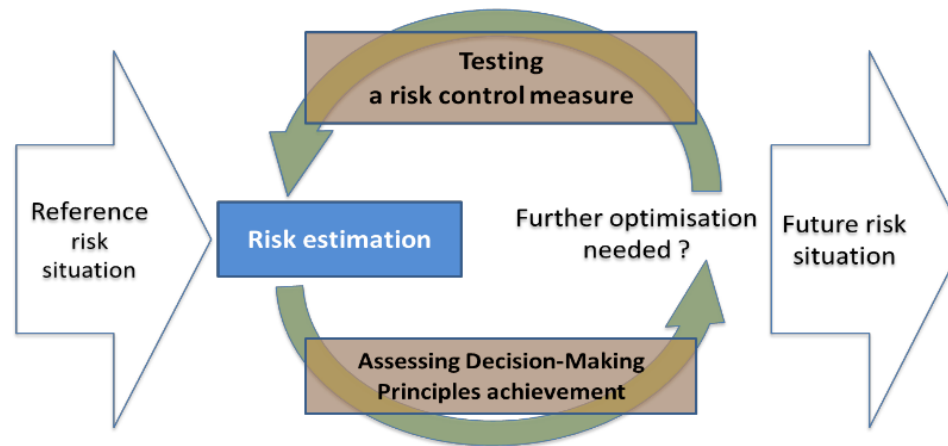
 [Guide for decision-making \(2.11 MB\)](#)

 [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*

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



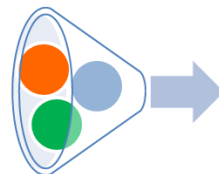
(done)

(on-going)

EUDG



Reference material



RMP



- Mutual recognition of risk estimation results
- Mutual acceptance of residual risks

Framework latest developments

➔ **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

- **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...

- 15-17th of March 2021 Conference on Cybersecurity organized by ERA and ENISA, the European Union Agency for Cybersecurity
- 14-16th 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



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