Moving Europe towards a sustainable and
safe railway system without frontiers.

Objectives and Agenda

Beyond Compliance – Leveraging Risk Management for Smarter Decision-Making

OBJECTIVES

The training aims to equip participants with the capability to implement and manage a high-level risk management process within their organisations, particularly as part of their safety management systems. Participants will learn to utilise knowledge derived from the risk register as a guiding tool to identify and prioritise key areas of focus. This includes defining, implementing, and concentrating on risk mitigation measures and corresponding monitoring activities to ensure safety and go beyond compliance.

This training is designed for safety professionals working within railway undertakings or infrastructure managers in the railway sector. It is also suitable for individuals employed by National Safety Authorities who are responsible for evaluating and approving safety management system applications and overseeing operators' compliance with safety regulations.

METHODS

Prerequisites:
Participants should have a foundational understanding of risk analysis and risk management principles. They should also be familiar with European railway safety legislation, including the relevant Common Safety Methods (CSMs) on risk evaluation, assessment, and monitoring.

Participant Expectations:
By the end of the training, participants will be expected to:
1. Apply principles of high-level risk management within their safety management systems.
2. Utilise risk register data to identify critical risk areas.
3. Develop and document targeted risk mitigation measures.
4. Establish priorities for monitoring and evaluation activities aligned with organisational safety goals.

Participant Limit:
A maximum of 20 participants will be accommodated to ensure effective interaction and engagement.

Tools:
The following training tools are used during the course:
- Presentations with supporting materials, illustrated with real-life cases;
- Interactive dialogue between the participants and group work sessions guided by the facilitators;
- Exercises to foster the adoption of the concepts.

☐ **AGENDA (2 days)**

Day 1

Time	Module	Training content
09:00 – 09:30	**Welcome and Introduction**	• Opening remarks and objectives of the training. • Quick recap of the case study organisation (assumes pre-training reading is complete). • Overview of the training structure and expectations.
09:30 -11:00	**Session 1: High-Level Overview of a Risk Management Process**	• Theory: Key components of a risk management process in a safety management system. • Exercise based on the case study: "Crafting a CEO Pitch for High-Level Risk Management Implementation"
BREAK (15')		
11:15-12:45	**Session 2: Establishing a Risk Register**	• Theory: Steps to develop and maintain a comprehensive risk register. • Exercise based on the case study: "Classifying and Prioritising Risks"
LUNCH (60')		
13:45 – 15:15	**Session 3: Designing Risk Reduction Strategies and Control Measures**	• Theory: This session introduces the principles of the risk control hierarchy and highlights how to design effective risk reduction strategies aligned with organisational goals. • Exercise based on the case study: Participants will draft one targeted risk reduction strategy for a priority risk identified earlier.
BREAK (15')		
15:30-17:00	**Session 4: Introduction to Risk-based Monitoring**	• Theory: This session provides an overview of the importance of risk-based monitoring and its role in ensuring the effectiveness of safety management systems. • Exercise based on the case study: "Brainstorming Monitoring Needs" Participants, will identify one key monitoring need for the case study organisation.

Day 2

Time	Module	Training content
09:00-10:30	**Session 5: Risk-Based Monitoring Within the Organisation**	• Theory: Designing and implementing risk-based monitoring processes. • Exercise based on the case study: "Drafting a Monitoring Plan"
BREAK (15')		
10:45-12:15	**Session 6: Monitoring the Effectiveness of Risk Control Measures**	• Theory: Techniques and metrics for evaluating the effectiveness of risk controls. • Exercise based on the case study: "Defining Monitoring Indicators"
LUNCH (60')		
13:15-14:45	**Session 7: Creating a Feedback Loop for Continuous Improvement**	• Theory: Using monitoring results to inform and improve the safety management system. • Exercise based on the case study: "Designing a Feedback Loop"
BREAK (15')		
15:00-16:30	Closing and Feedback	• Course summary, next steps, and participant feedback.