

International and EU approaches and needs for new risk management tools

ISO 31000 Standard On Risk Management & IMO Formal Safety Assessment (FSA)

OpenRisk II Project Kick-Off Conference

Helsinki | 06.03.2024

Filip Zarzycki, Gdańsk University of Technology

interreg-baltic.eu/project/openrisk-ii/



Open Risk II Project Objectives

Risk management tools in Open Risk II Project:

- Component no 1. AISyRISK Baltic & Ice module
- Component no 2. Environmental sensitivity decision support tool
- Component no 3. Tools for organizational risk management maturity & Evaluation of quality of risk assessments

Open Risk II Project

- OpenRisk II project will provide innovative, user-centric risk management tools to support authorities to prevent maritime accidents, minimize their consequences, and improve risk management across transportation modes. A novel tool includes two interlinked functions to evaluate:
- the current risk management performance of the relevant administrations;
 - the quality of risk assessments.



Formal Safety Assessment:

- Identification
- Analysis
- Evaluation



ISO 31000 International Standard for Organizational Risk Management

- Principles
- Framework
- Process

FSA follows the essential steps of a risk assessment methodology in line with the ISO

What is the FSA?

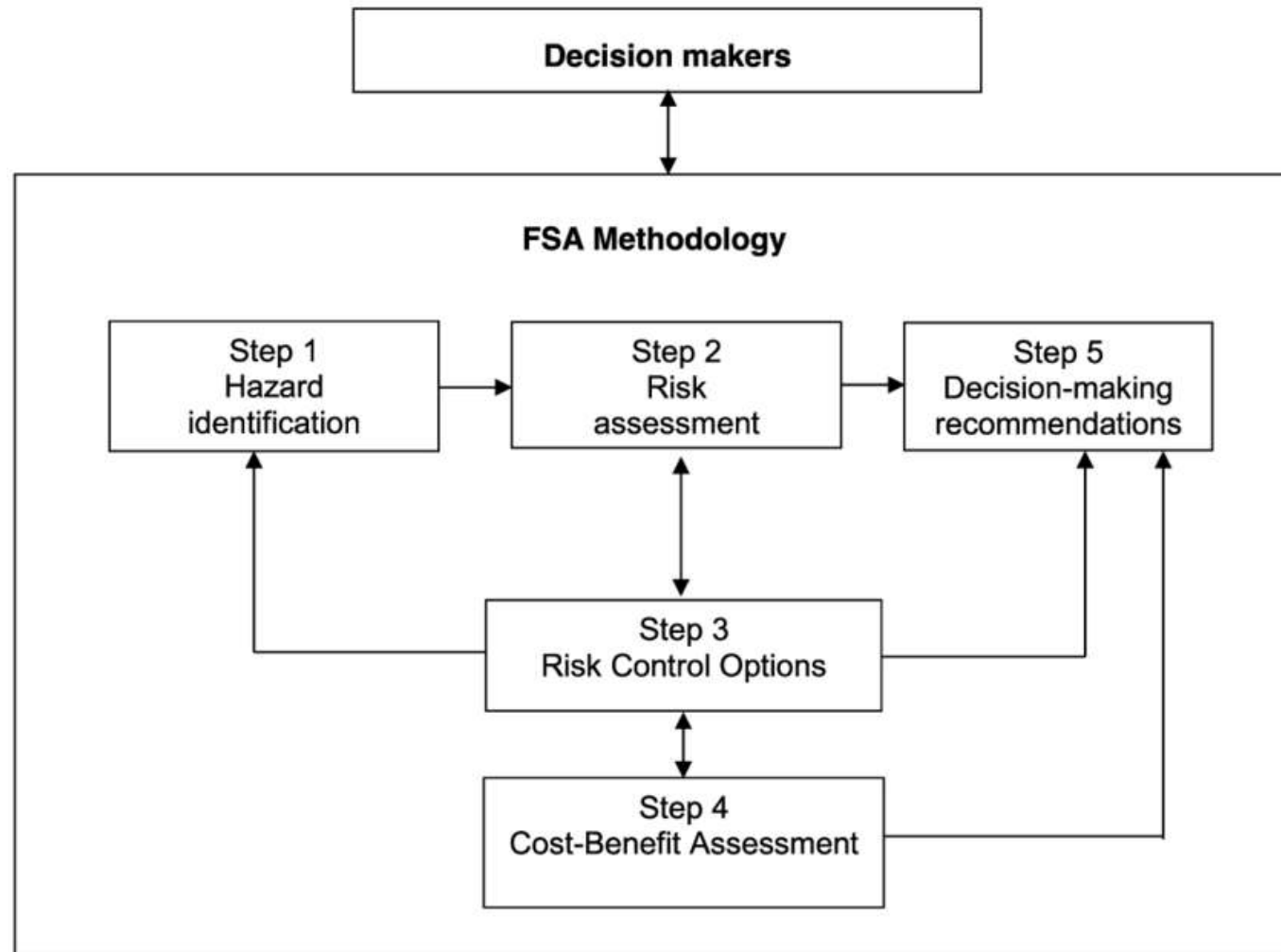


Formal Safety Assessment (FSA)

- Developed by the International Maritime Organization (IMO)
- Rational and systematic process for assessing the risks associated with shipping activity
- Evaluating the costs and benefits of IMO's options for reducing risks
- A tool to help evaluate new regulations or to compare proposed changes with existing standards

IMO Formal Safety Assessment (FSA)

Objective of FSA: enhancing maritime safety associated with shipping activity, including protection of life and the marine environment, by using risk analysis and cost-benefit assessment composed by 5 steps.



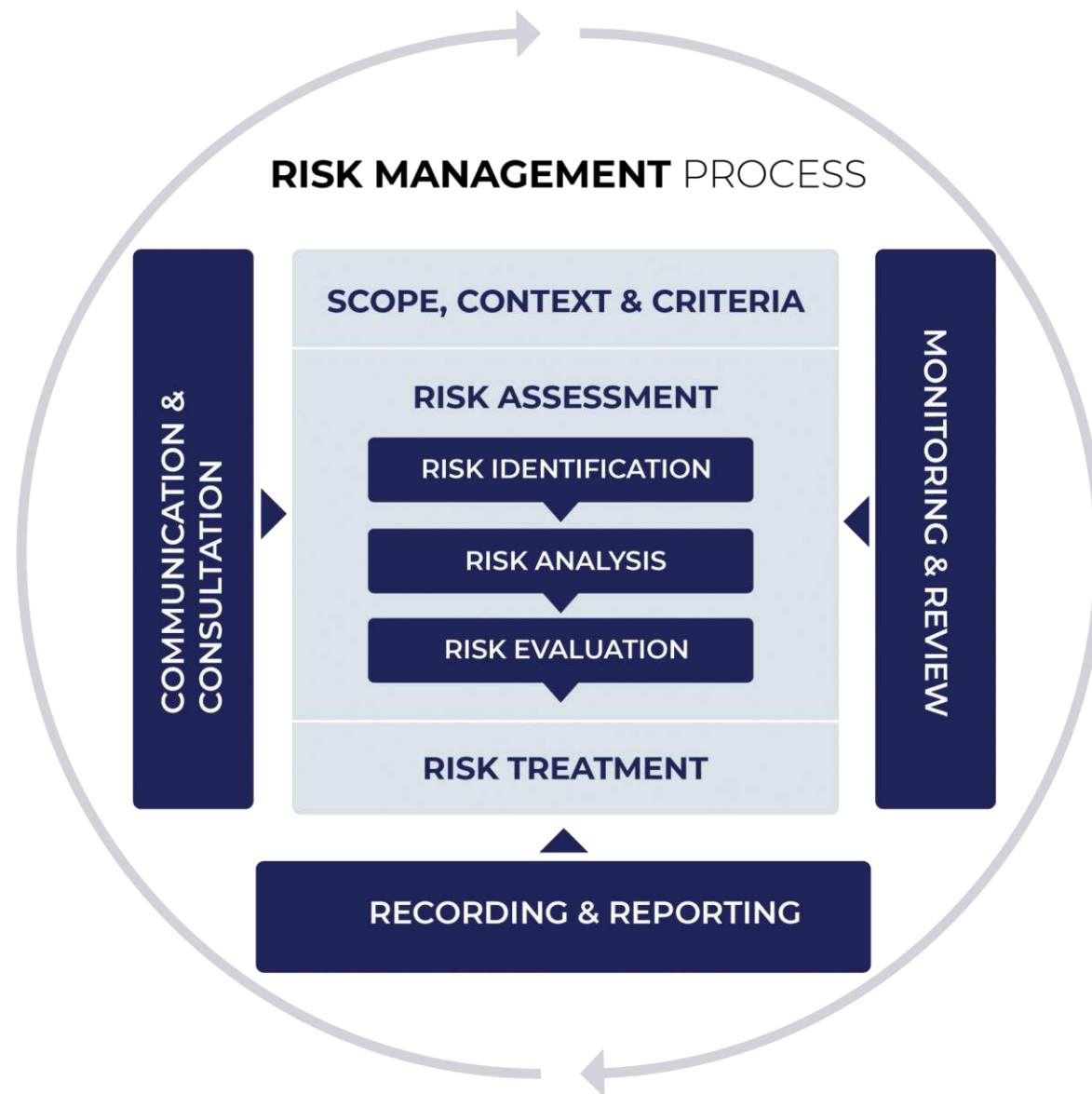
What is the ISO 31000?

International Standard for Organizational Risk Management ISO 31000

- Developed by the International Organization for Standardization
- Set of basic principles, frameworks and guidelines for risk management
- Relevant to any institution, regardless of its size, industry or sector
- Standards developed through extensive consultations and expert input



Content of the ISO 31000 Standard is to provide a framework and guidance for organizations through the process by covering every relevant aspect of risk management.



Thank you for your attention

Interreg
Baltic Sea Region



Co-funded by
the European Union



SUSTAINABLE WATERS

OpenRisk II