

R-Mare & Risk quality method for tendering process -workshop

OpenRisk II Mid-Term Conference on Maritime Risk Management and Piloting in the
Baltic Sea Region - 26.-27.3.2025 Tallinn, Estonia

interreg-baltic.eu/project/openrisk-ii





Structure of the workshop

1. Objectives
2. R-Mare Matrix: A Risk Maturity Model for Maritime Authorities
3. Quality of risk assessments (“Q-Mare”)
4. Final discussion and next steps



Objectives of the workshop

1. **Best practices for R-Mare:** To gain a better understanding on how the tool could be used and how to get organizations into using it.
2. **Criteria for risk analysis quality assessment:** What kind of elements should be considered in the assessments.
3. **From tools to action:** Towards future workshops on risk assessment and quality evaluation.

Session 1. R-Mare Matrix: A Risk Maturity Model for Maritime Authorities

The R-Mare matrix is a risk maturity model designed to help maritime administrations assess their current risk management performance and identify areas for improvement, guiding them toward higher levels of maturity.

RISK MANAGEMENT ATTRIBUTE	RISK MATURITY LEVEL				
	Inadequate	Reactive	Compliant	Proactive	Optimal
1. Ethics and integrity	L1/A1	L2/A1	L3/A1	L4/A1	L5/A1
2. Leadership and commitment	L1/A2	L2/A2	L3/A2	L4/A2	L5/A2
3. Design	L1/A3	L2/A3	L3/A3	L4/A3	L5/A3
4. Integration	L1/A4	L2/A4	L3/A4	L4/A4	L5/A4
5. Resources	L1/A5	L2/A5	L3/A5	L4/A5	L5/A5
6. Communication and consultation	L1/A6	L2/A6	L3/A6	L4/A6	L5/A6
7. Continuous improvement	L1/A7	L2/A7	L3/A7	L4/A7	L5/A7
8. Risk terminology	L1/A8	L2/A8	L3/A8	L4/A8	L5/A8
9. Definition of context	L1/A9	L2/A9	L3/A9	L4/A9	L5/A9
10. Data and information	L1/A10	L2/A10	L3/A10	L4/A10	L5/A10
11. Tools and techniques	L1/A11	L2/A11	L3/A11	L4/A11	L5/A11
12. Hazard identification	L1/A12	L2/A12	L3/A12	L4/A12	L5/A12
13. Risk analysis and evaluation	L1/A13	L2/A13	L3/A13	L4/A13	L5/A13
14. Risk control measures	L1/A14	L2/A14	L3/A14	L4/A14	L5/A14
15. Cost-benefit assessment	L1/A15	L2/A15	L3/A15	L4/A15	L5/A15
16. Recommendations	L1/A16	L2/A16	L3/A16	L4/A16	L5/A16
17. Decision-making	L1/A17	L2/A17	L3/A17	L4/A17	L5/A17
SCORE					

Session 1. R-Mare Matrix

The elements of the model

A-2. Leadership and commitment

Top management should ensure that risk management is integrated into all activities of the maritime administration, while considering also the ethical, national, and economic aspects of shipping.

L-1/A-2

Leadership and commitment - inadequate

Top management is not showing interest in risk management and has only a limited knowledge of this area. They are not trusted among the staff and stakeholders, and set a bad example for everyone.

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3. Design	L1/A3	L2/A3	L3/A3	L4/A3	L5/A3
4. Integration	L1/A4	L2/A4	L3/A4	L4/A4	L5/A4
5. Resources	L1/A5	L2/A5	L3/A5	L4/A5	L5/A5
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11. Tools and techniques	L1/A11	L2/A11	L3/A11	L4/A11	L5/A11
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17. Decision-making	L1/A17	L2/A17	L3/A17	L4/A17	L5/A17
SCORE					

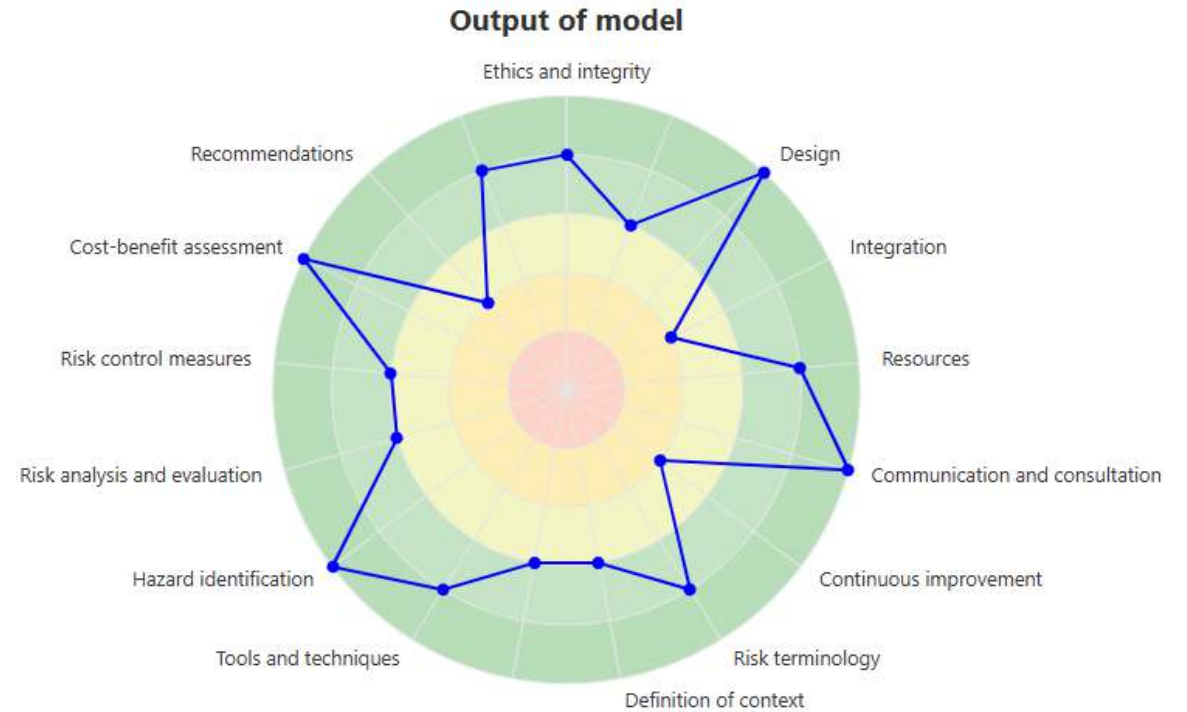
Session 1. R-Mare Matrix

Use of the model

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3. Design	L1/A3	L2/A3	L3/A3	L4/A3	L5/A3
4. Integration	L1/A4	L2/A4	L3/A4	L4/A4	L5/A4
5. Resources	L1/A5	L2/A5	L3/A5	L4/A5	L5/A5
6. Communication and consultation	L1/A6	L2/A6	L3/A6	L4/A6	L5/A6
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SCORE					

Session 1. R-Mare Matrix

Output of the model



Session 1. R-Mare Matrix

How do we get organizations to improve their risk management practices with the help of R-Mare?



Session 1. R-Mare Matrix

DEMO

Session 1. R-Mare Matrix

Accessing the tool:

gis.sea.ee/r-mare

What to test?

- How is the user experience like?
- Is it easy to interpret the results?
- Get a feeling of the contents

Be prepared to say at least one thing from the testing experience in the next discussion phase.

Session 1. R-Mare Matrix

Accessing the tool:

gis.sea.ee/r-mare

Topics for discussion

- How do you see yourself using this tool in your work?
- What benefits could it bring to your organization?
- What would be in your opinion the best practices to apply this tool in your organization?

Session 2. Assessing quality during the tendering process of maritime risk analysis

- two sets of quality criteria procurement processes of maritime risk studies from SRA's RAQT:
 - one for the purpose of drafting calls for risk analysis proposals
 - another for evaluating them.
- created by mapping a selection of RAQT tests to the steps of the IMO Formal Safety Assessment (FSA) framework (IMO 2018) and ISO 3100
- first version of the criteria available in January 2025 (submitted to ESREL Stavanger July 2025)
- we aim to create a group of interested institutions/persons to develop the draft lists further during Autumn 2025-Spring

Session 2. Quality of risk assessments

How do we make sure that risk assessments are of high-quality?

Sharing experiences of working with risk assessment quality



What could be the general criteria for quality?



How could these ideas be embedded into tool under development?

Session 2. Quality of risk assessments

Topics for discussion

Have you been involved (in some way) in risk assessments?

Do you have any suggestions for quality criteria or indicators to evaluate the quality of the risk assessments?

Do you have experience in tendering, especially in relation to risk analysis? What would help you in the tendering process if you have limited experience?

A look at the tool under development: How do your ideas of quality criteria fit the proposed framework?

- Both workshop groups will work on the same table



Final discussion

What is our conclusion on the tools?

Could they help improve the risk management culture in your organizations?

What in your opinion should be done **to improve the tool(s) or increase their use** in your organizations?

Next-steps towards better risk assessment and quality evaluation

Continuation of the piloting: The plan is to organize workshops between autumn 2025 and spring 2026.

- Refining the quality criteria matrix for tendering risk analysis.
- Increasing the durability of R- and Q-Mare –tools by engaging organizations: increasing visibility among potential user groups.
- Additionally, we are happy to join your organization's online meetings to introduce and discuss the tools.

Final conference Summer 2026 in Kristiansand, Norway

- Tools are finalized together with best practices on how to benefit from them.

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