Aalto University
School of Engineering

BONUS
SCIENCE FOR A BETTER FUTURE OF THE BALTIC SEA REGION

BONUS BALTIMARI
Review, Evaluation, and Future of Baltic Maritime Risk Management

Introduction

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BONUS BALTIMARI
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Outline

- Motivation
- Objectives
- Scope and framework
- Stakeholder engagement

Motivation

Prosperity

Connectivity

Economic growith

Clean energy

Human lives, sustainability

Ecological, socio-economic consequences

Challenges with autonomous shipping

Baltic sea: a socio-economically important region

Objectives

Utility: cost-effectiveness and technology readiness level

Quality of the underlying evidence

Review state of art

Firmness of the method's scientific basis

Existing knowledge gaps, Intended end users

Objectives

Assessment of R&I:

- are results being used in practice?
- factors affecting successful uptake
- document best practices based on interactions
- selected projects analyzed through interviews

Evaluation of R&I:

- understanding end users' thoughts on R&I
- identify pathways for improving transfer of research to industry and policy environments

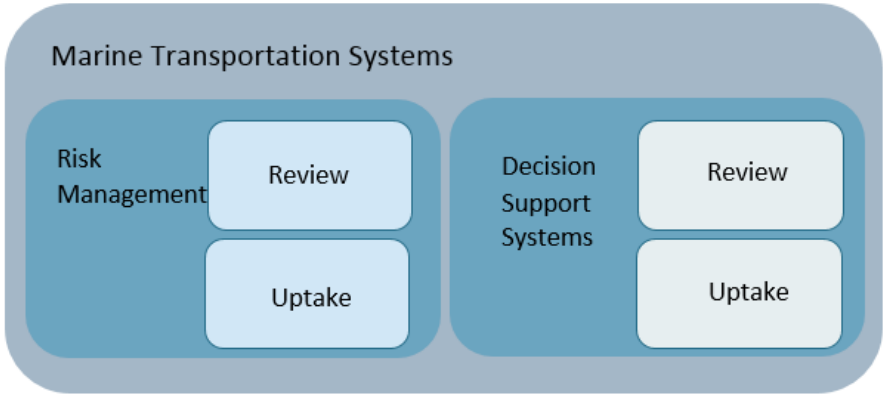
Objectives: Identification of knowledge gaps

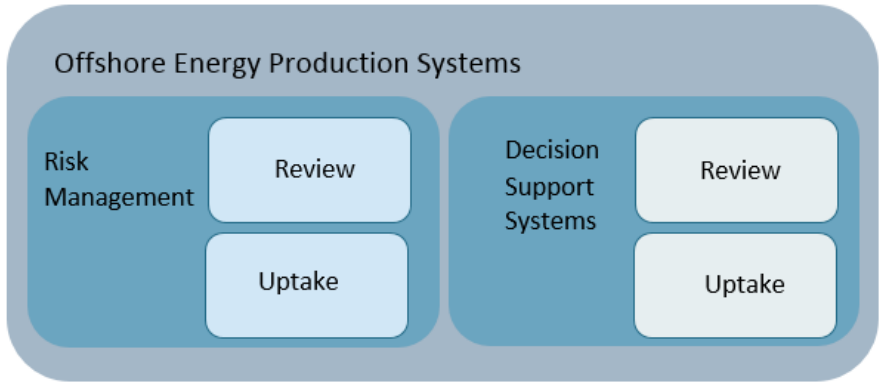
Knowledge gaps related to risks in the MTS and OEPS

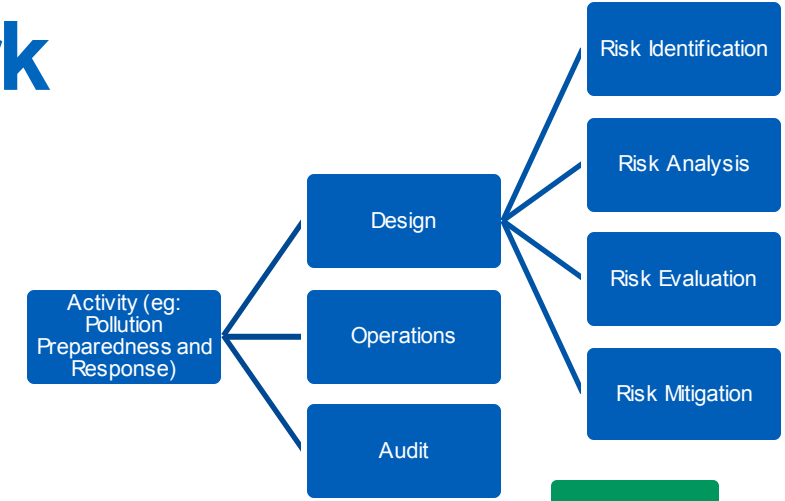
Human behavior aspects, autonomous vessels, and environmental pollution

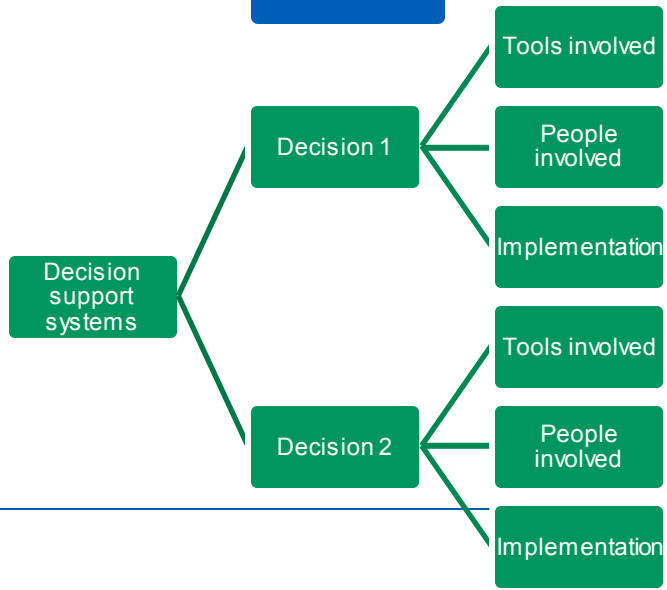
Gaps in analysis and decision support tools

Scope and framework









Stakeholder role

How you can help:

- Disseminating information
- Extend outreach
- Conduct workshops, seminars with interested end-users
- Interview field experts
- Critique policy briefs

What you can expect:

- Published policy briefs
- Results from surveys
- Identified knowledge gaps
- Future research directions
- Factors for successful R&I updates

Your suggestions

- What kind of risk assessment topics related to shipping you want us to focus for?
- What are the risk assessment research projects or innovations that you are more interested in?
- In your opinion what are the gaps that you want us to focus more on?