



OpenRisk

OPEN-SOURCE TOOLS FOR REGIONAL RISK ASSESSMENTS TO
IMPROVE EUROPEAN PREPAREDNESS AND RESPONSE AT SEA

 Co-financed by the EU – Civil Protection Financial Instrument

Joint Workshop on risk assessment and response planning in Europe
(ExCeL Centre, London, 14 March 2018)

 Valtteri Laine
Project Manager

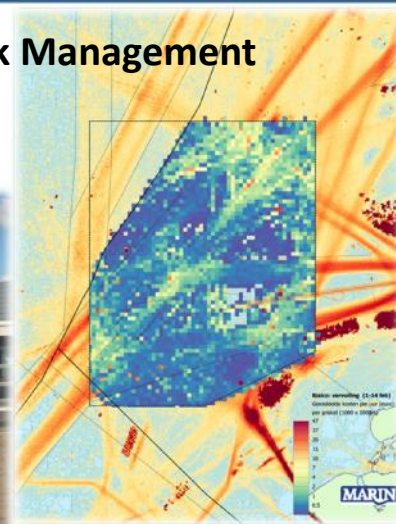
OpenRisk project

- **Scope**
 - Open-source tools for regional risk assessment to improve European preparedness and response at sea
- **Background**
 - High costs of previous risk assessment projects
 - Lack of transparency
 - Lack of structured methodology to make assessments comparable
 - Need to strengthen the link between risk assessment and risk management, and to harmonize the terminology



OpenRisk approach

- ISO 31000:2009 International Standard on Risk Management
- Baltic Sea Case Study
- Four interregional Workshops in Europe
 - III OpenRisk WS, Valletta, 24-25 April 2018, hosted by REMPEC



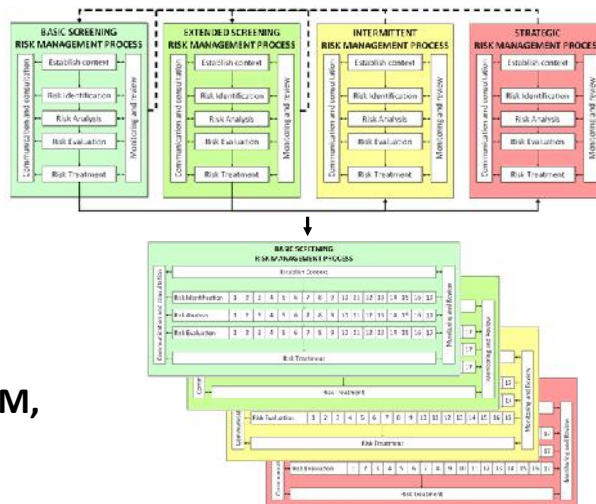
Challenges and limitations

- Main challenge
 - How to solve the complex puzzle?
- Main limitation
 - OpenRisk will not provide single window software toolbox

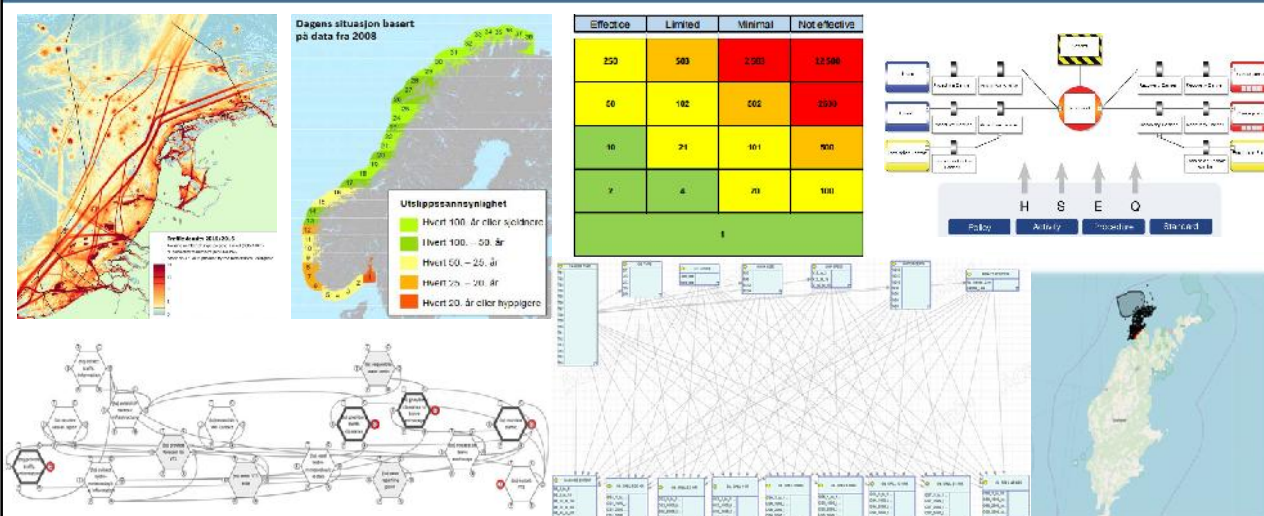


Expected outcome

- **Publications**
 - **OpenRisk Guideline for Risk Management to Improve European Preparedness and Response at Sea (based on ISO 31000:2009)**
 - **Baltic Sea case study including demonstration of new state of art risk assessment tools (ERC-M, ADSAM C/G, Marin Risk Index, KystRisk)**



Examples of tools included in the Guideline and BS case study



What do you think?



Copyright: J. Brancanti 2017



Baltic Marine Environment Protection Commission
Katjanokanlaituri 6 B, FI-00160 Helsinki, Finland

Valtteri Laine
Project Manager
Tel: +358 40 3527 689
E mail: valtteri.laine@helcom.fi

