

ABOUT MUNI-RISK



MITIGATION OF RISKS DUE TO SUBMERGED MUNITIONS FOR A SUSTAINABLE DEVELOPMENT OF THE BALTIC SEA

MUNI-RISK (2024-2027) is an EU-funded project focused on tackling the risks from old munitions lying on the seabed in the Baltic Sea. These munitions, remnants of past conflicts such as the Second World War, pose environmental and safety risks that need to be carefully managed. MUNI-RISK brings together scientists and practitioners to find solutions that support safe maritime activities, such as fishing, and responsible marine resource development, including building offshore wind farms. By the end of the MUNI-RISK project, countries around the Baltic Sea will have practical tools and guidelines to safely manage munitions risks.



Co-funded by the European Union

OUR GOALS



Help Countries Decide on

Actions: Provide information to decide whether munitions should be left in place or removed safely.



Support Environmental Planning:

Give guidelines for including munitions risks in Environmental Impact Assessments (EIAs) for new marine projects like wind farms.



Clear Risk Assessment

Tools: Develop scientific tools to assess which areas need urgent attention to reduce risks from underwater munitions.



Create Transferable Technologies:

Develop methods that can also be used in other seas, such as the Black Sea.



Work with Local Authorities, Government Bodies, and Industry Experts:

Collaborate with organisations such as local government, environmental agencies and renewable energy companies to make decisions that protect both people and the environment.



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AN ESTIMATED 40,000 TONNES OF CHEMICAL MUNITIONS FROM WW2, ALONG WITH OVER ONE MILLION TONNES OF UNEXPLODED ORDNANCE (UXO), REMAIN SUBMERGED IN THE BALTIC SEA.

OUR ACTIVITIES



Data Collection:
We are gathering information about munitions in the Baltic Sea, including location, type, and environmental effects. We will also find gaps that need to be filled.



Risk Evaluation:
Using our case study areas, we'll assess specific risks and prioritize areas that need immediate action.



EIA Guidelines Development:
Our team will create guidelines for factoring munitions risks into environmental planning for marine projects, like offshore wind farms.



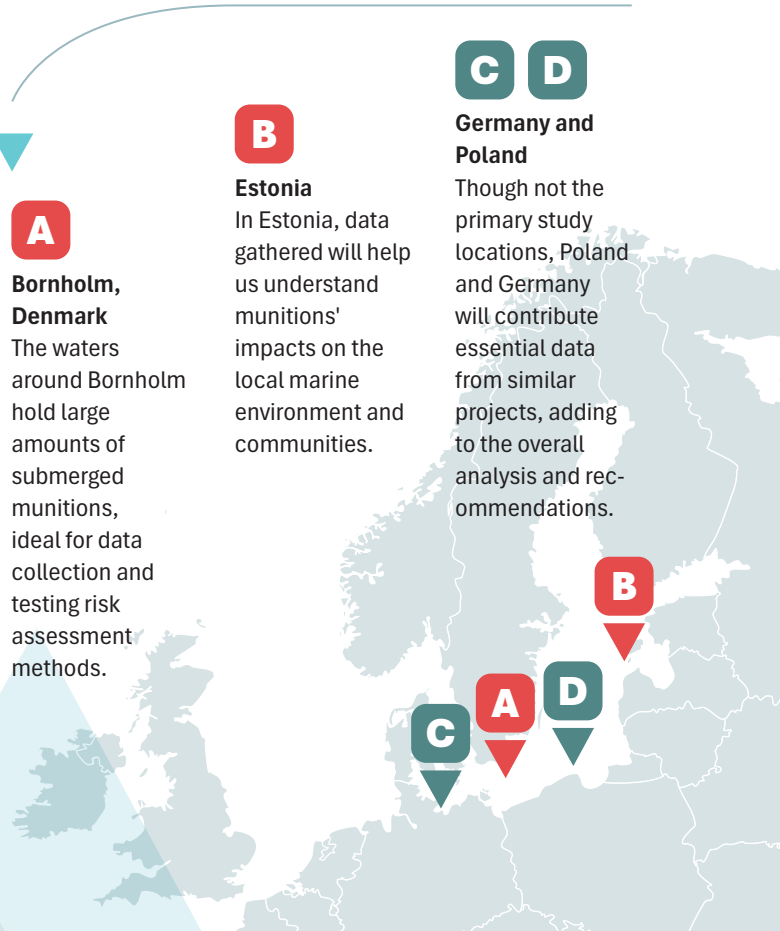
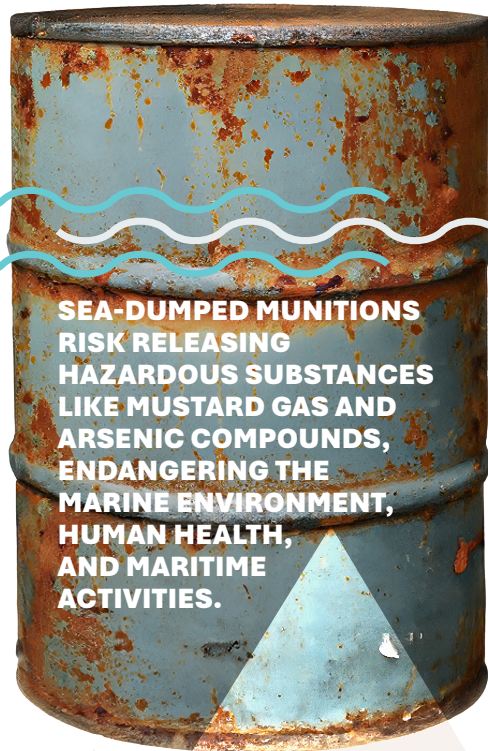
Workshops and Policy Briefs:
We engage with local authorities, government bodies, and industry representatives to establish safe practices for managing submerged munitions.



Outreach and Technology Transfer:
Findings and methodologies will be shared widely, making MUNI-RISK's solutions accessible to other regions such as Black Sea.

FIELDWORK LOCATIONS

MUNI-RISK's fieldwork will take place in several key areas with a history of munitions deposition.



A

Bornholm, Denmark
The waters around Bornholm hold large amounts of submerged munitions, ideal for data collection and testing risk assessment methods.

B

Estonia
In Estonia, data gathered will help us understand munitions' impacts on the local marine environment and communities.

C D

Germany and Poland

Though not the primary study locations, Poland and Germany will contribute essential data from similar projects, adding to the overall analysis and recommendations.

PROJECT PARTNERS



Co-funded by the European Union