



About the Kiel Munition Clearance Week 2025

As offshore infrastructure expands, climate and security concerns rise, and new technologies emerge, addressing the challenges of marine UXO clearance and critical infrastructure protection is more important than ever. The Kiel Munition Clearance Week 2025, jointly organised by the Ministry for Energy Transition, Climate Protection, Environment, and Nature of Schleswig-Holstein (MEKUN) and north.io GmbH, taking place from

18 – 20 June, 2025

in the Business Lounge of the Wunderino Arena, Kiel

aims to bring together experts, policymakers, military representatives, and industry leaders to exchange knowledge and shape the future of munitions remediation and security at sea.

The KMCW25 conference will focus on tackling the pressing challenges of historic ordnance disposal and critical infrastructure protection. Through high-profile keynotes, expert panel discussions, and live technology showcases, the event offers a unique platform for collaboration and innovation.

Alongside the conference, the KMCW25 Exhibition will showcase cutting-edge UXO clearance technologies, autonomous systems, data-driven solutions, and innovations in maritime security.

Organising Partners:



Schleswig-Holstein
Ministry for Energy Transition,
Climate Protection,
Environment and Nature



Wednesday, 18 June 2025

Registration & Morning Coffee 08:15–09:15

Official Conference Opening 09:15–09:30

Jann Wendt

Initiator of the Kiel Munition Clearance Week & CEO of north.io GmbH

Daniel Günther

Minister-President of Schleswig-Holstein and Patron of Kiel Munition Clearance Week

Tobias Goldschmidt

Minister of Energy Transition, Climate Protection, Environment, and Nature (MEKUN) of Schleswig-Holstein

International Keynote Remarks 09:30–10:00

Kęstutis Sadauskas

Deputy Director-General of the European Commission's Directorate-General for Maritime Affairs and Fisheries (DG MARE)

James Bergeron

Political Advisor to the Commander, NATO Allied Maritime Command

10:00–11:15

Panel 1:

Scaling Up: Lessons from Germany's Pilot Programme for Global Munitions Clearance

Expert presentations & debate

Germany's groundbreaking pilot programme in the Baltic Sea provides a unique blueprint for addressing munitions in marine environments. This panel will discuss the programme's outcomes, key challenges, and transferable lessons for global application. Experts will evaluate how to translate these experiences into broader international initiatives.

Led by: Terry Martin, Journalist

11:15 – 12:00

Legacy and Progress: Global Perspectives at Munitions Clearance led by Alix Valenti,
Journalist

12:00–13:15

*Lunch & Networking Break at **Exhibition Area***

Key Note Remark 13:15–13:30

Representative

Federal Ministry for the Environment, Nature Conservation, Nuclear Safety and Consumer Protection

13:30 – 14:50

Panel 2:

Balancing the Scales: Achieving Environmental and Economic Sustainability in Munitions Clearance

Expert presentations & debate

Preliminary Agenda as of 2 June 2025

Clearing munitions from the seabed must balance ecological preservation with economic feasibility. This session will examine strategies to minimise environmental harm during operations and assess effective monitoring systems. Panelists will discuss case studies and innovations that achieve sustainability without compromising efficiency.

Coffee Break 14:50–15:20

15:20 – 16:05

Tech Innovation Presentations led by Alix Valenti, Journalist

16:05 – 17:30

Panel 3:

The Industrialisation of the Ocean: UXO Clearance in the Age of Offshore Expansion

Expert presentations & debate

The rapid expansion of offshore wind farms and infrastructure projects has made UXO clearance an urgent priority. This panel will address the unique challenges of clearing munitions in industrial zones and the role of new technologies. Stakeholders will discuss how to align clearance efforts with the accelerating pace of ocean industrialisation.

Led by: Dr. Peter Menzel

16:05 – 17:30

Stakeholder Dialogue Workshop

Led by Scientific Partners

*Reception & Networking at **Exhibition Area** 17:30–19:30*

Including a guided exhibition tour led by Dr. Alix Valenti, Journalist: 18:15 – 18:45

VIP Dinner 19:00–21:00 (by invitation only)

Thursday, 19 June 2025

Registration & Morning Coffee 08:00–09:00

Opening 09:00–09:15

09:15 – 10:30

Panel 4:

Innovations in Munitions Clearance: Transforming the Value Chain with Advanced Technologies

Expert presentations & debate

From detection to disposal, emerging technologies are reshaping the munitions clearance process. This panel will showcase cutting-edge innovations available today in robotics, and remediation tools. Industry leaders will discuss how these advancements can enhance efficiency, safety, and cost-effectiveness across the value chain.

Led by: Terry Martin, Journalist

10:30 – 11:00

Tech Innovation Presentations led by Terry Martin, Journalist

11:00–12:00

Plenary Session

led by Scientific Partners

12:00–13:30

*Lunch & Networking Break at **Exhibition Area***

13:30–14:30

Panel 5:

Contaminated Waters: Addressing UXO and Environmental Hazards in Ukraine's Rivers and Coastal Zones

Expert presentations

Russia's full-scale invasion of Ukraine has resulted in widespread contamination of inland and coastal waters with munitions and hazardous substances. This session will highlight the environmental and humanitarian consequences of UXO in Ukraine's rivers, reservoirs and coastal areas. Panelists will present field-based insights, urgent remediation needs, and opportunities for international cooperation. The session will explore how global expertise in underwater clearance, environmental science, and technology can support Ukraine's recovery and water safety efforts.

Led by: Terry Martin, Journalist

14:30 – 15:50

Panel 6:

Data Revolution: Managing and Utilising Large-Scale Ocean Floor Survey Data

Expert presentations & debate

The increasing scale of munitions clearance is producing vast amounts of survey data. This panel will explore solutions for effective data gathering, warehousing, analysis, and integration into operational planning. Experts will discuss how artificial intelligence and machine learning can improve anomaly detection and decision-making.

Led by: Terry Martin, Journalist

Coffee Break 15:50–16:20

Key Note Remark 16:20–16:35

Thierry Segers

Programme Manager of the European Commission's Directorate-General for Defence Industry and Space (DG DEFIS)

16:35 – 18:00

Panel 7:

Unmanned Systems and Advanced Autonomous Technologies: The Future of UXO Detection and Clearance

Expert presentations & debate

The future of munitions clearance lies in autonomous solutions capable of efficiently covering vast areas at unprecedented speeds. This discussion will explore the integration of unmanned systems, their operational challenges, and the potential of interconnected technologies that enhance precision and coordination. Beyond munitions clearance, these systems are poised to play a critical role in the safety and security of offshore infrastructure, addressing emerging threats and ensuring resilience. Panelists will highlight current breakthroughs and predict how these systems will evolve across various applications.

Led by: Terry Martin, Journalist

18:15 – 21:00

Exhibitor Night at Exhibition Area, Wunderino Arena, Kiel (*Reception & Networking*)

19:15–21:00

Public Side Event:

hosted on the side lines of the KMCW25

Discussion on underwater munitions at Business Lounge at Wunderino Arena, Ziegelteich 30a, 24103 Kiel

(open to general public – held in German)

Friday, 20 June 2025

Registration & Morning Coffee 08:00–09:00

Opening 09:00–09:15

Key Note Remark 09:15–09:45

Stylianos Tzimis
Maritime Hybrid Threat Senior Analyst at Hybrid CoE

09:45 – 11:15

Panel 8:

Securing the Depths: Protecting Munition Dump Sites, Clearance Areas and Critical Infrastructure from Unauthorized Access

Expert presentations & debate

As clearance operations progress, the challenge of safeguarding known munitions dump sites, clearance areas in shallow waters and maritime infrastructure becomes increasingly critical. This panel will address the risks posed by unauthorized access, including tampering, manipulation, theft of historical ordnance, or mishandling by divers. Experts will explore the technical solutions and policy measures being developed to prevent unauthorized entry, mitigate safety risks, and counter potential nefarious uses of recovered materials such as TNT. Panelists will discuss the intersection of security, technology, and international collaboration to protect these sensitive sites effectively.

Led by: Ferdinand Gehringer, Policy Advisor Internal Security and Cybersecurity at Konrad-Adenauer-Stiftung

11:15 – 12:30

Tech Innovation Presentations led by Alix Valenti, Journalist

Coffee Break 12:30–13:00

13:00 – 14:30

Panel 9:

Standards and Synergies: Creating Legal and Operational Frameworks for Global Collaboration

Expert presentations & debate

The protection of offshore infrastructure requires consistent legal standards and cooperative frameworks to succeed. Building on recent developments pertaining to offshore safety and resilience, this session will examine existing gaps in regulation and explore how new thinking and lessons learned could inform harmonised policies. Panelists will highlight opportunities for cross-sector collaboration to foster efficient and compliant protection measures.

Led by: Terry Martin, Journalist

*Closing Lunch at **Exhibition Area** 14:30 – 15:30*