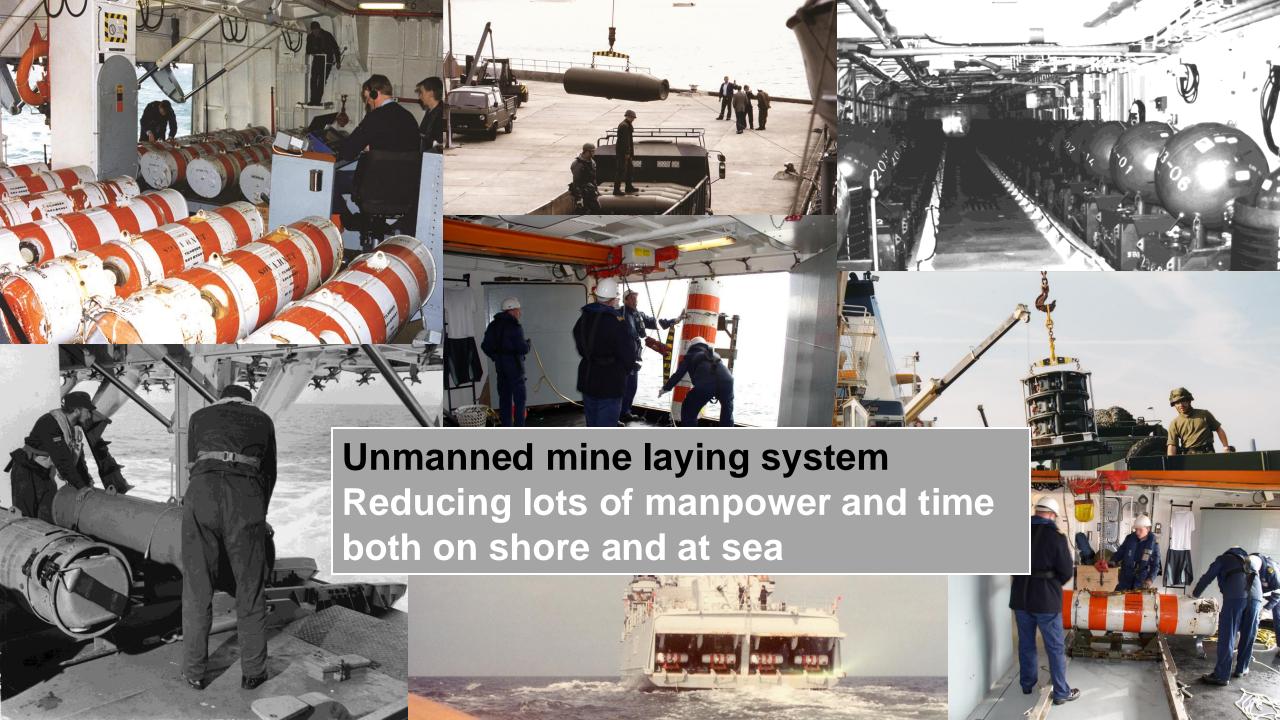




SHEERICE

- Unmanned mine laying system
- Ship of opportunity Any vessel can be turned into a minelayer
- Scalable minelaying
- Transportation and logistics



The Cube™ Eco System

Onshore Handling



Mobile Side loader



Container/ Cube loader system



Training
Upgrade
Maintenance



Fast swap Interchangeability

Onboard Handling



Cube Skidding System



Mission bay doors and Twist locks

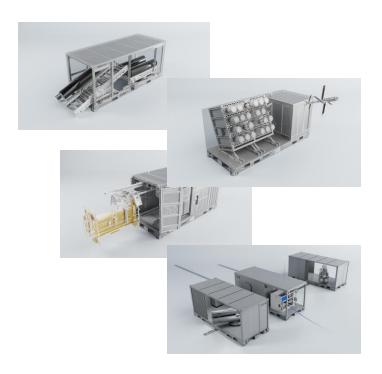


Elevators and infrastructure



Side davit

Mission Payloads



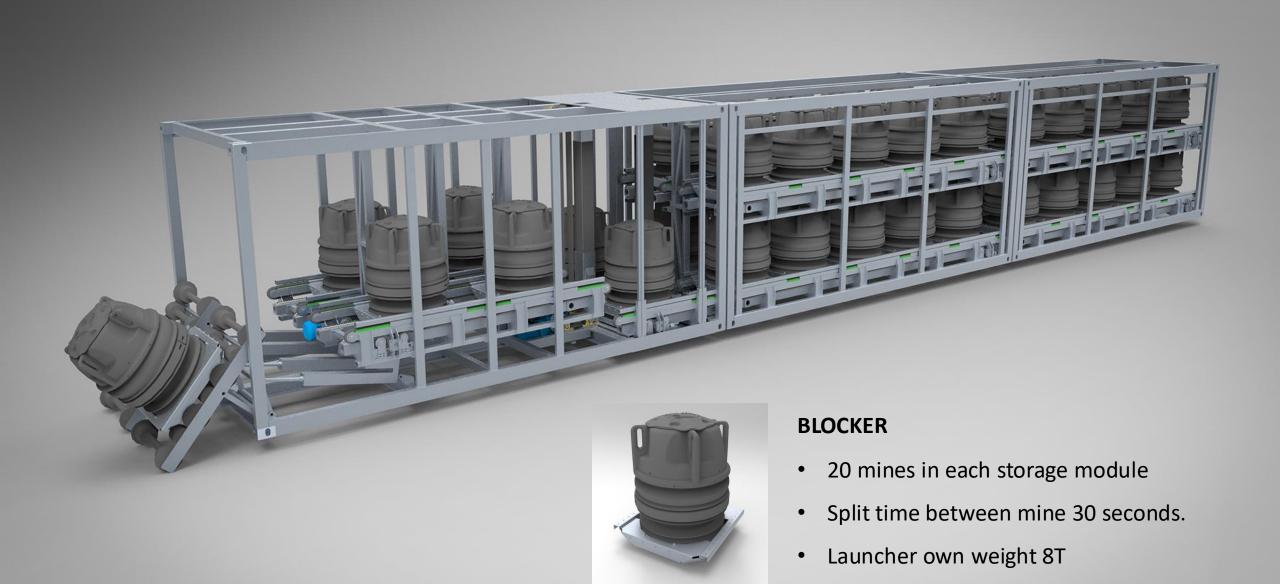
Integration to Ship system

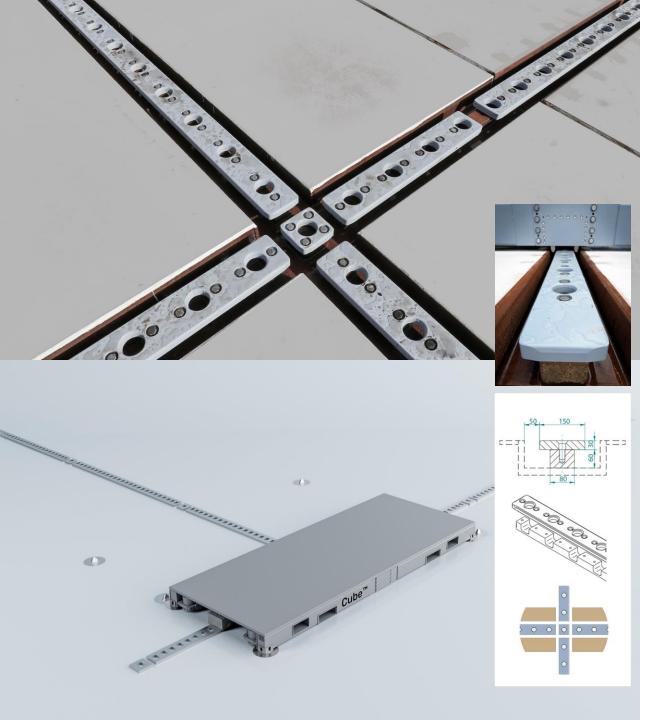




Cube ID
Cube Connect







Mission: Onboard Handling system

Name: Cube[™] Sea State Skidding System

Company: SH Defence

Integration: Shipyard / SH Defence

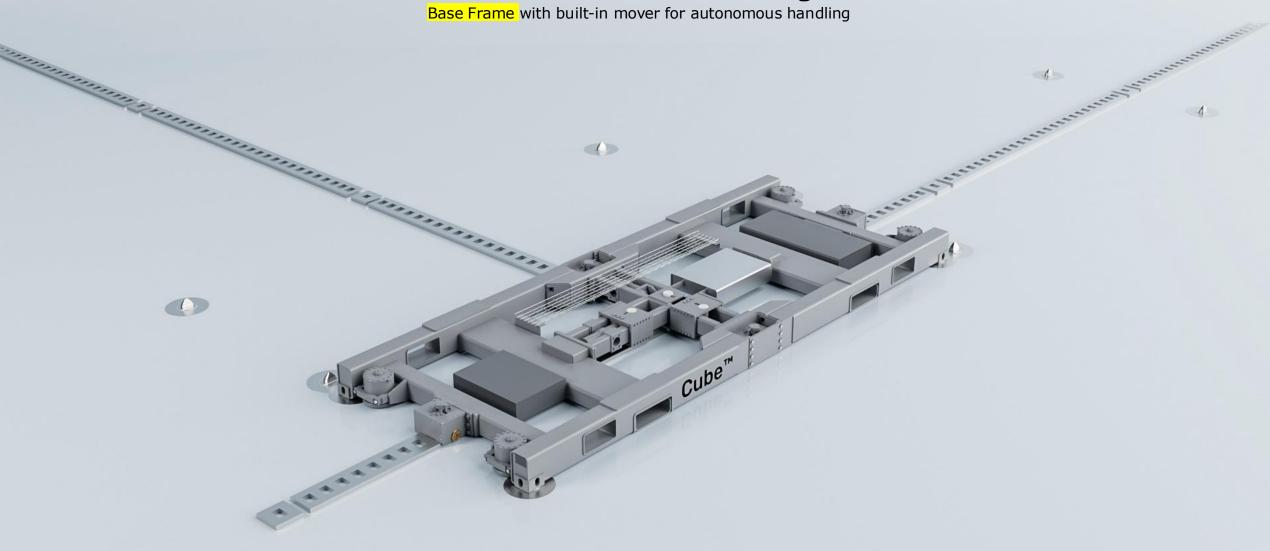
The Sea State skidding system allows moving Cube™ compatible modules around on the open deck or inside the hangar. It is mission bay compatible and can work together with the hydraulic-driven twist lock system.

The Mover unit, a key component of the Sea State Skidding System features a moving cylinder for longitudinal movement, one for transverse movement, and three hydraulic-operated lock pins.

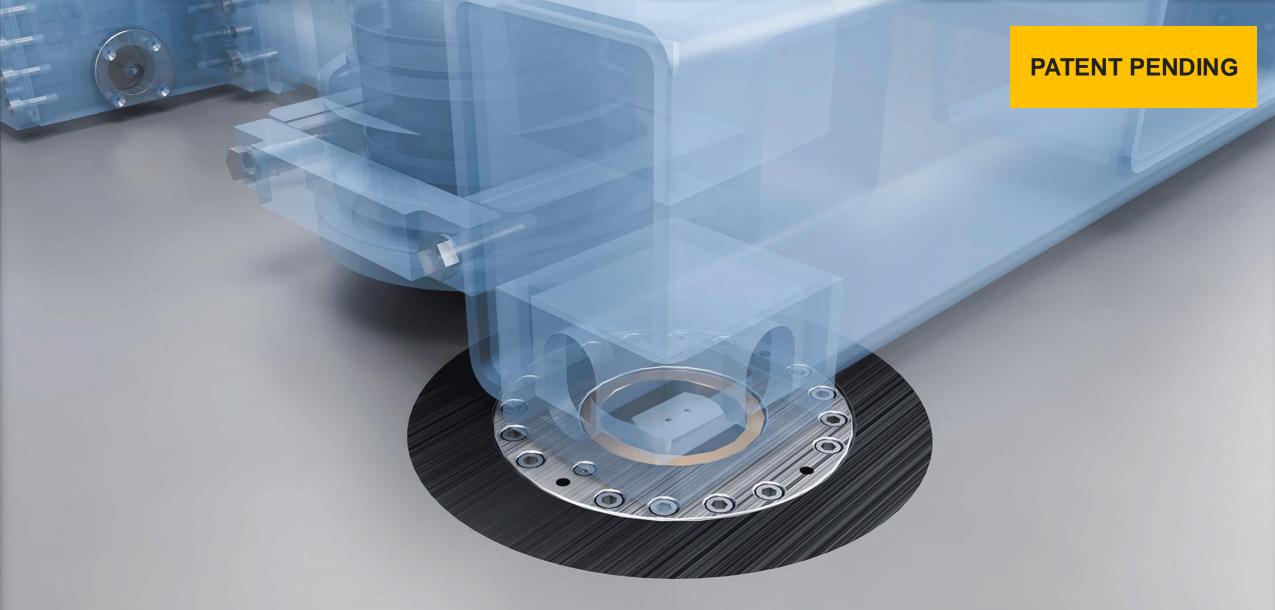
The operational maximum accelerations are horizontal, 0.5 g, and vertical, 0.8 g. The maximum roll angle is 22.5 deg.

The expected moving speed will be 2-2.5 m/min with modules weighing 15 Tons or less.

Onboard module handling

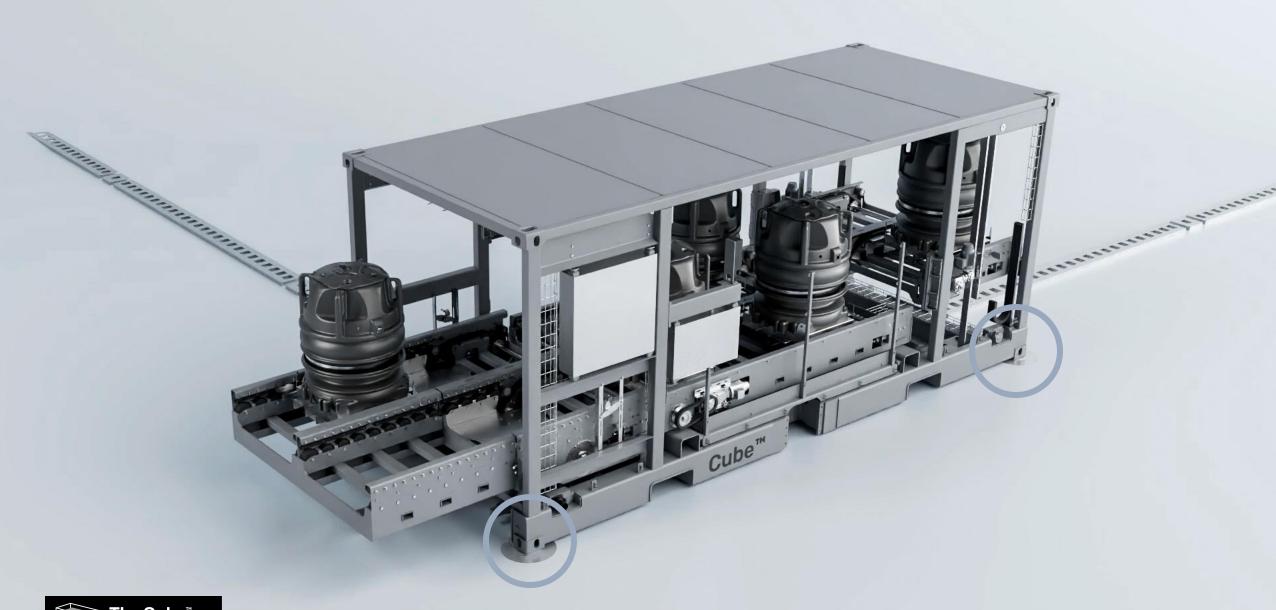




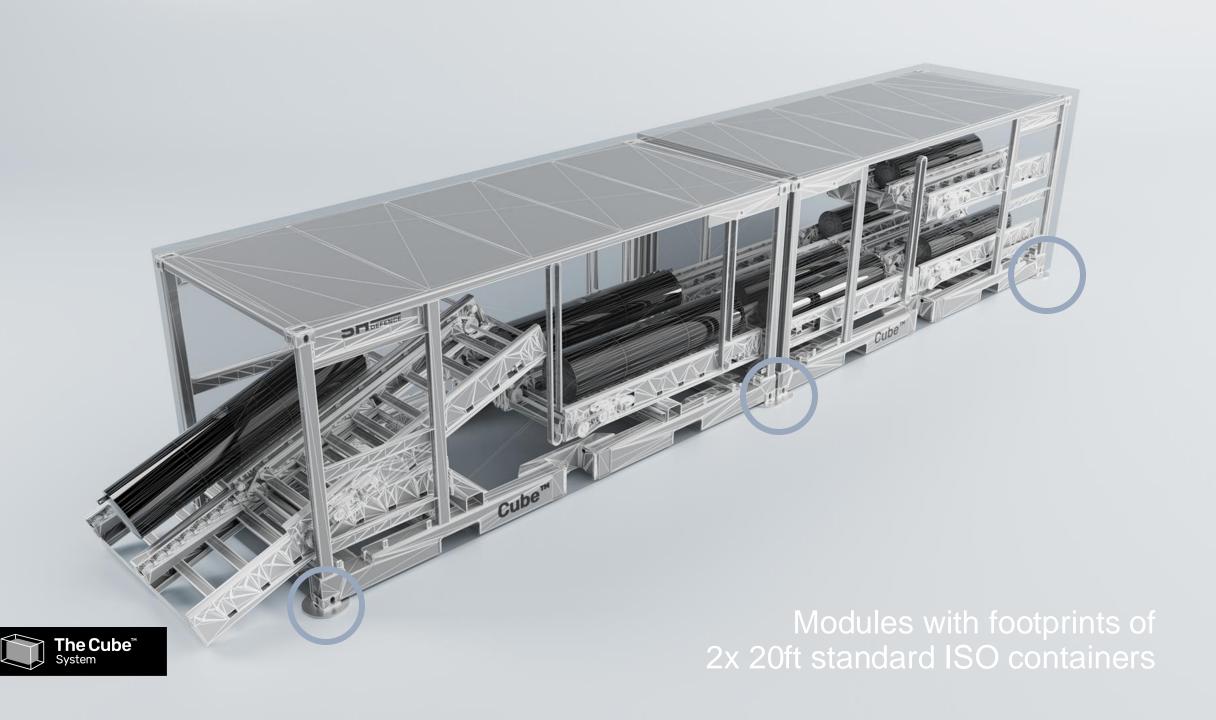


Remotely operated hydraulic Twist lock
DNV approved for cargo securing, lifting appliances and personnel handling









THESE ARE THE MINES WE ARE ABLE TO LAY (ALL PRODUCED IN EUROPE)











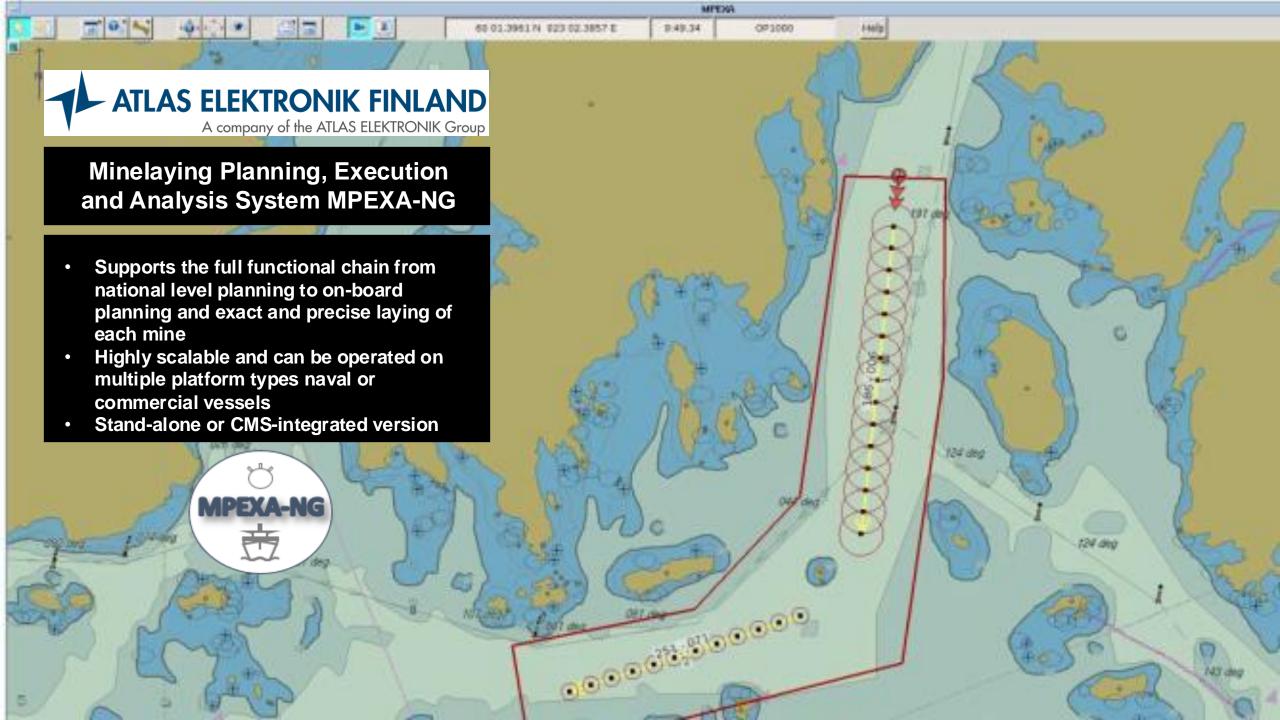




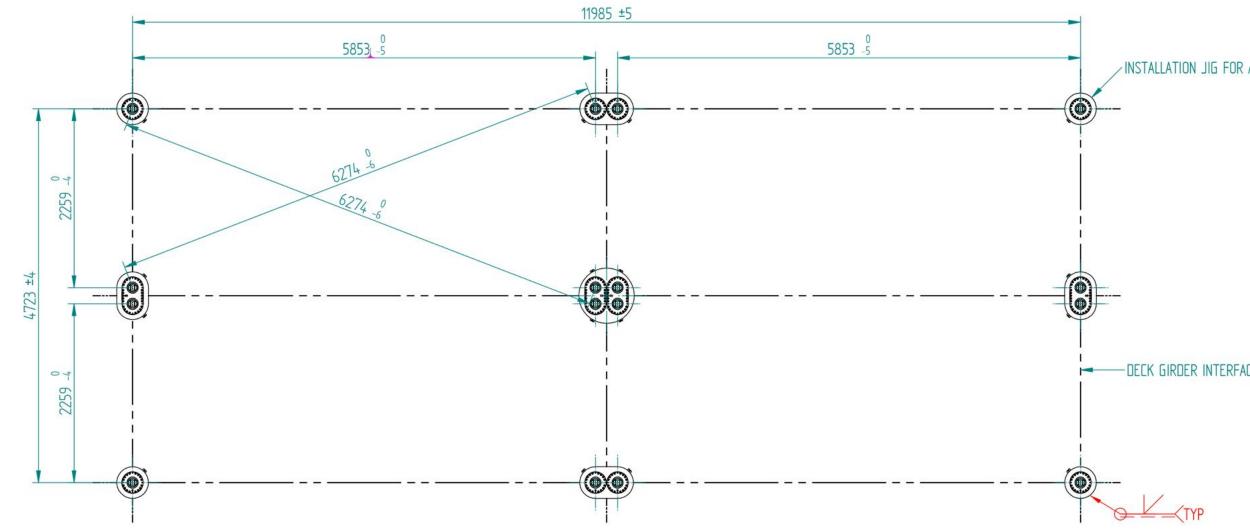








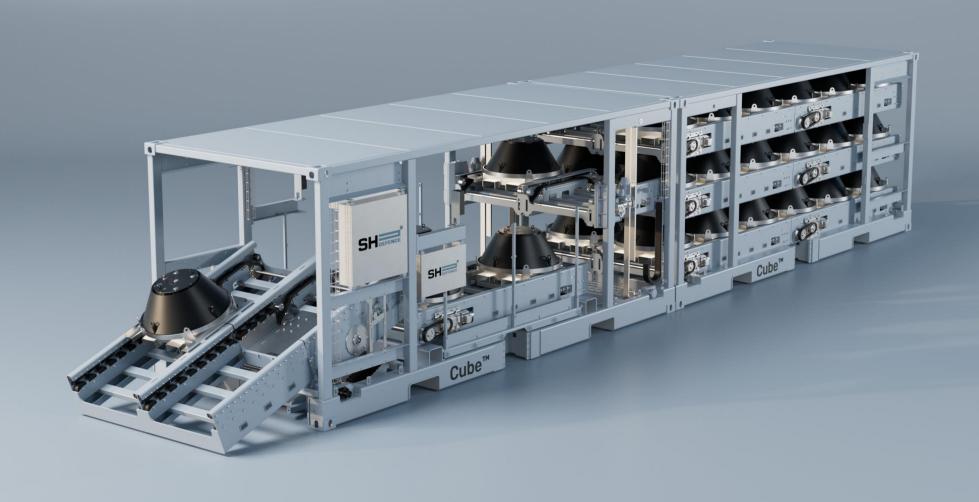




Deck layout

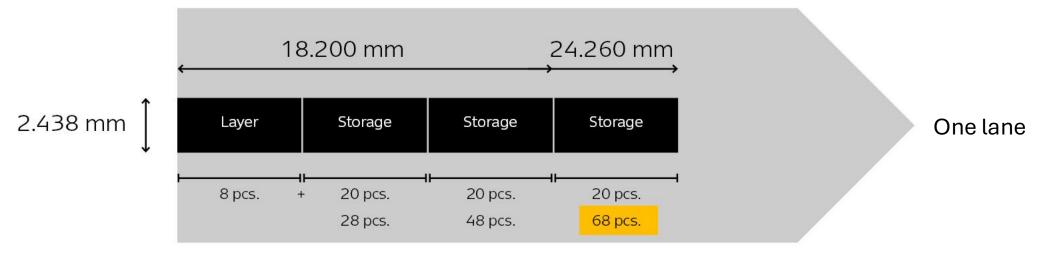
Custom-made for any type of vessel

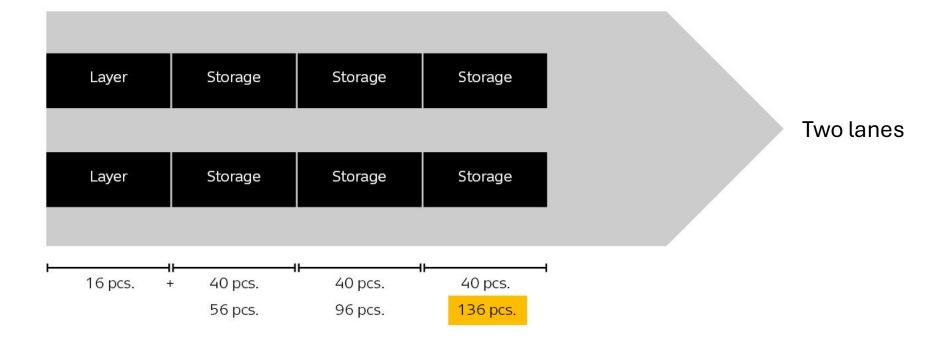
Scalable minelaying



Scalable minelaying

Scalable minelaying

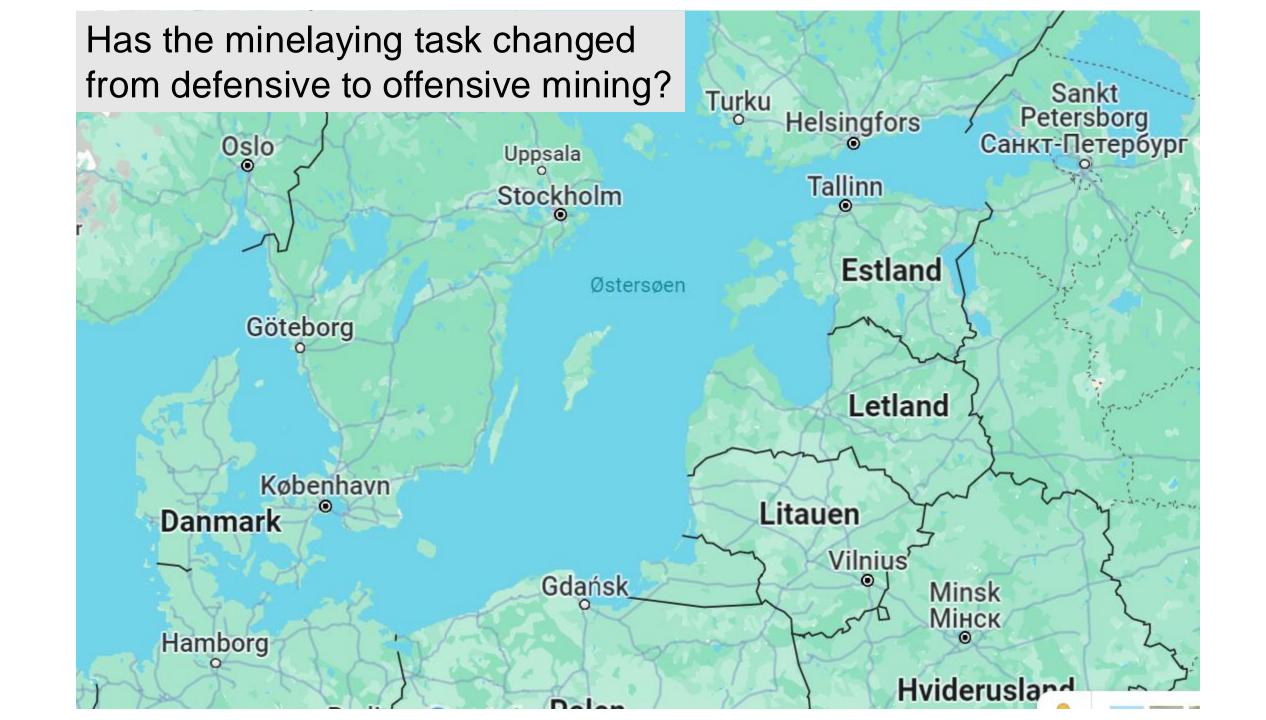
























EUROGUARD

Grant Agreement no 101121408 Co-funded by European Defence Fund Project budget 95 M€ EU contribution max 65 M€ Start date 01.12.2023 End date 30.11.2027



The European Defence Fund initiative EUROGUARD project integrates advanced technology to develop a groundbreaking modular, medium-sized, semi-autonomous surface vessel prototype for multi-mission capabilities.

CONSORTIUM MEMBERS AND MEMBER STATES

The consortium of 27 organisations from 10 countries is coordinated by Estonian shipbuilding and engineering company Baltic Workboats.

EUROGUARD's success is guaranteed by **the quality of the cross-border partnerships** and the ability to leverage civil-defence cross-fertilization from leading European industrial enterprises in the consortium.



THE EUROGUARD PROJECT REINFORCES
THE EU SUPPLY CHAIN AND ENABLES
NEW COLLABORATIONS BETWEEN
EUROPEAN INDUSTRIALS AND ACADEMIA.



