



KONGSBERG

DELIVERING SOCIAL & ECONOMIC VALUE  
**KONGSBERG**

06/04/2023

SMI Annual Conference 2023

A scenic view of a fjord with steep, rocky mountains and a small boat on the water. The sky is overcast and misty. The text "Protecting people and planet" is overlaid on the image, with "Protecting" in blue and "people and planet" in white.

# Protecting people and planet







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# KONGSBERG in The United Kingdom

- 1871 - Brown Brothers & Company Ltd founded in Edinburgh
  - Vickers and Rolls Royce; Kongsberg Maritime since 2019
- £1 billion invested in the UK during the last 5 years
  - £50 million annual revenues + £40 million yearly sourced from 800 suppliers across the UK
  - KONGSBERG supports more than 3,500 jobs
- 220 employees (and growing!)
  - Supporting Defence, Maritime, Commercial & Governmental organisations in the United Kingdom
  - UK-developed solutions produced in the UK exported world-wide







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# KONGSBERG

## Norway and the United Kingdom Business Summit





# Kongsberg Defence & Aerospace

## Naval Strike Missile for The Royal Navy



**GOV.UK**

[Home](#) > [Defence and armed forces](#) > [Armed forces](#)

Press release

### Royal Navy ships to be fitted with advanced new missile system

The missiles will be fitted to eleven frigates and destroyers after a deal with the Norwegian government.

From: [Ministry of Defence](#) and [The Rt Hon Ben Wallace MP](#)  
Published 23 November 2022

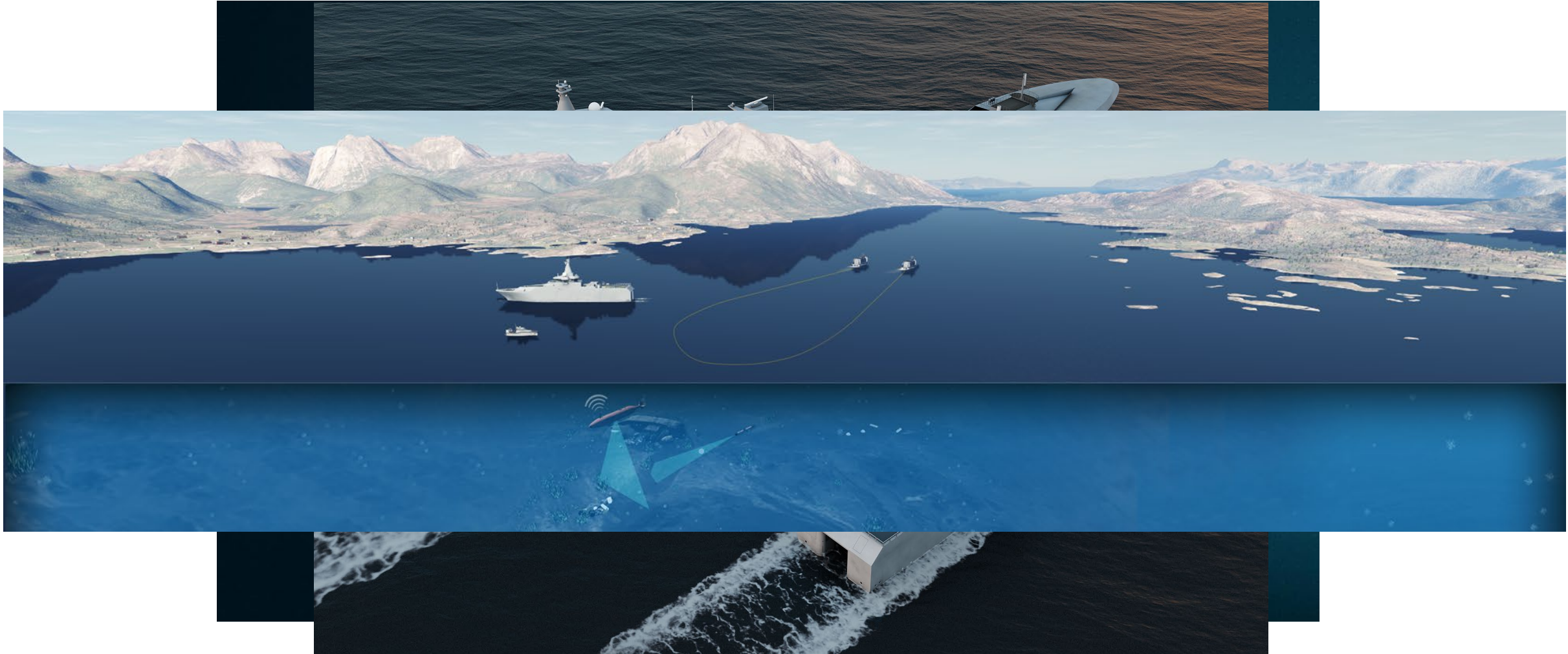




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# Kongsberg Defence & Aerospace

## The VANGUARD System – A System of Systems



WORLD CLASS – Through people, technology and dedication

KONGSBERG PROPRIETARY - See Statement of Proprietary information



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# Kongsberg Norcontrol

*Shaping the future of Maritime Domain Awareness*

- KONGSBERG is a leading provider of Maritime Domain Awareness solutions having delivered more than 250 systems worldwide for Vessel Traffic Services, Maritime Security and the Offshore Energy sectors.
- Above and below water surveillance using terrestrial, satellite and sub-sea sensors are used to compile the Recognised Maritime Picture to provide actionable data for informed decision making







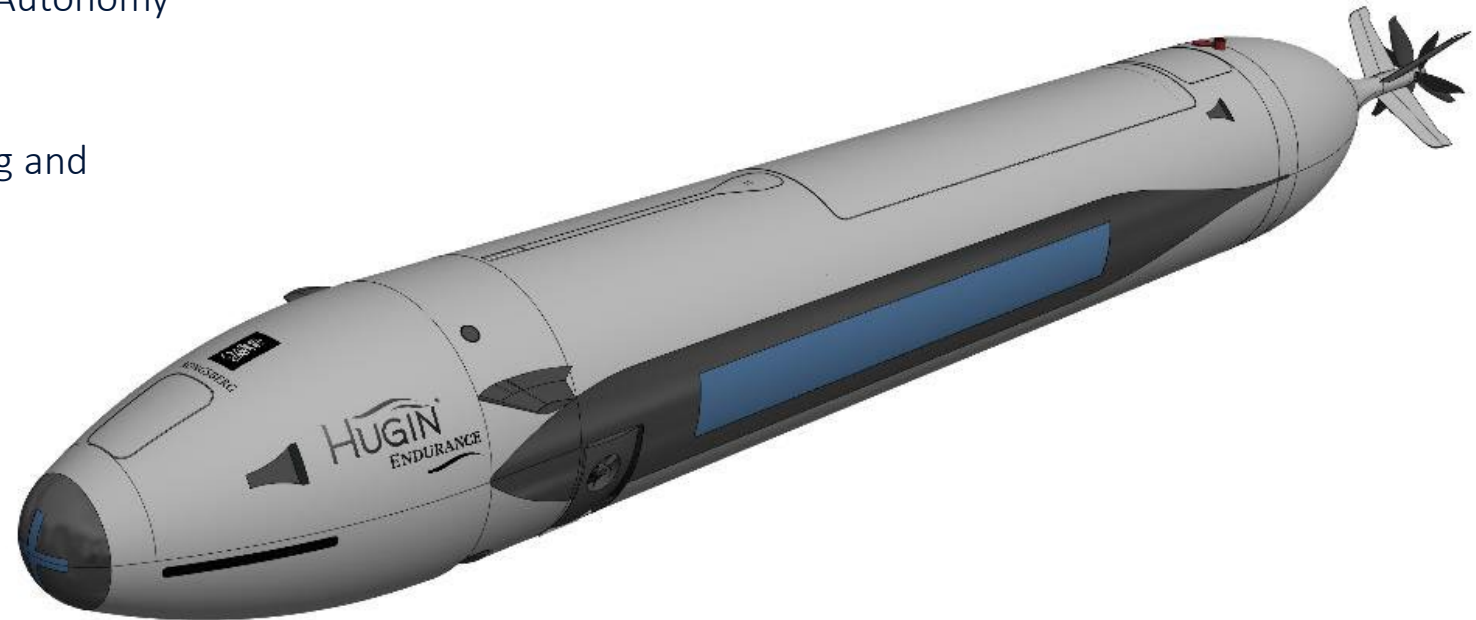
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# Kongsberg Sensors & Robotics

Advancing Autonomy on Multiple Fronts

- Focus on long term autonomous operations with increased redundancy – control architecture and physical components
- Enhanced situational awareness, additional fault detection, new safety behaviors with the introduction of a new Autonomy Processor to manage execution of the mission
- Moving toward a World Model for mission monitoring and autonomous decision making

HUGIN<sup>®</sup>  
Endurance





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# Kongsberg Digital

## Modernisation of Royal Navy Training

- Kongsberg Digital simulation technology will ensure that Royal Navy personnel can maximise operational effectiveness in all types of situations, from single unit pilotage through to Replenishment at Sea and Task Group manoeuvres, day and night and in all weather conditions.
- Advanced engineering and hydrodynamic vessel modelling in the simulators ensure vessels, objects and equipment behave realistically, equipping personnel to meet future challenges in various missions. Introduction of new Autonomy Processor to manage execution of mission
- For the first time, VR headsets will be used to provide an immersive training experience for evolutions such as ship handling and Replenishment at Sea







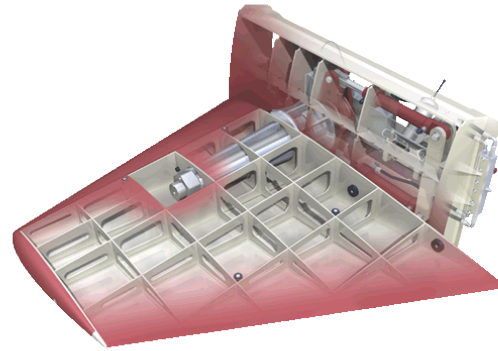
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# Kongsberg Maritime

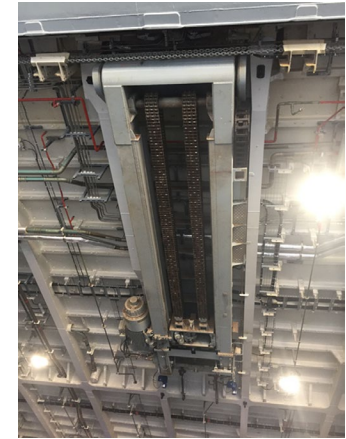
## Locations



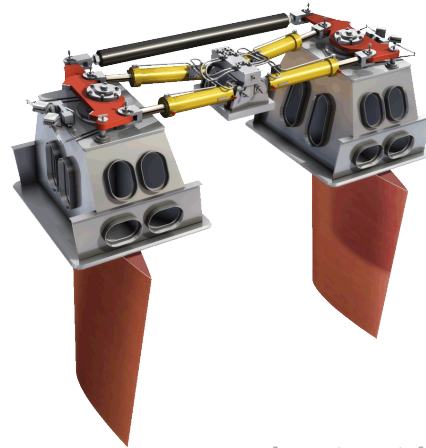
Aberdeen



Dunfermline



Gateshead



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# Committing to the Future







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# Royal Navy Fleet Solid Support (FSS)

UK Sovereign Replenishment at Sea







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**Thankyou**

