



Safeguarding infrastructure at sea

Blue Economy Science Summit

23/05/24



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ENTREPRENEURSHIP



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Clusters for Growth



Blue Cluster takes full advantage of Flanders' location on the North Sea to develop a strategy for a competitive and sustainable blue economy



by achieving groundbreaking innovative partnerships



by providing access to state-of-the-art scientific knowledge



resulting in **sustainable economic activities in the North Sea and far beyond**

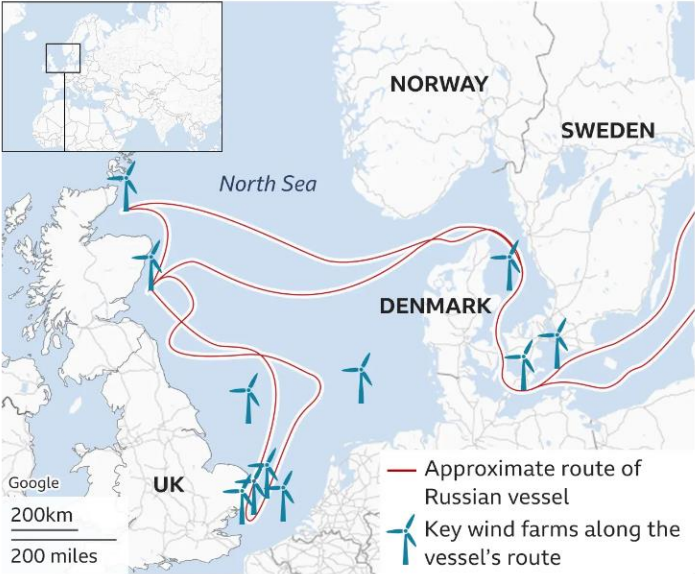
Belgium joins forces with North Sea countries to guard against Russian sabotage

Tuesday, 9 April 2024
By Lauren Walker



Wind turbines in the North Sea. Credit: Belga / Kurt Desplenter

The increased presence of Russian submarines in the North Sea has spurred the Admiral Vladimirsky passed several offshore wind farms



Source: Putin's Shadow War

BBC

Russische onderzeeërs snuffelen rond in Noordzee: belangstelling voor datakabels is een 'potentiële dreiging', zegt ministerie van Defensie

Richard de Boer • 4 oktober 2021, 19:13 • Regio

Deel dit artikel



De Admiral Vladimirsky, het Russische onderzoeksschip dat door de journalisten gevolgd werd.
Morten Krüger, DR

Opnieuw bewijzen voor Russische spionage in de Noordzee: "Zijn in staat om kritieke infrastructuur te saboteren"

Rusland is in staat om windmolenparken en communicatiekabels in de Noordzee te saboteren. Dat blijkt uit een onderzoek van verschillende Noord-Europese openbare omroepen dat vanavond wordt uitgezonden. Daarin is te zien hoe Russische schepen vermomd als vissersboot of onderzoeksschip via onderwatercamera's informatie verzamelen, die Rusland "zou kunnen gebruiken in geval van een totale oorlog met het Westen".

Victor Van Driessche
wo 19 apr 09:03



Zweeds onderzoek bevestigt sabotage van Nord Stream-gaspijpleiding: "Sporen van explosieven aangetroffen"

Er zijn sporen van explosieven aangetroffen op de plaats waar de

European states sign pledge to protect North Sea infrastructure

By Sudip Kar-Gupta

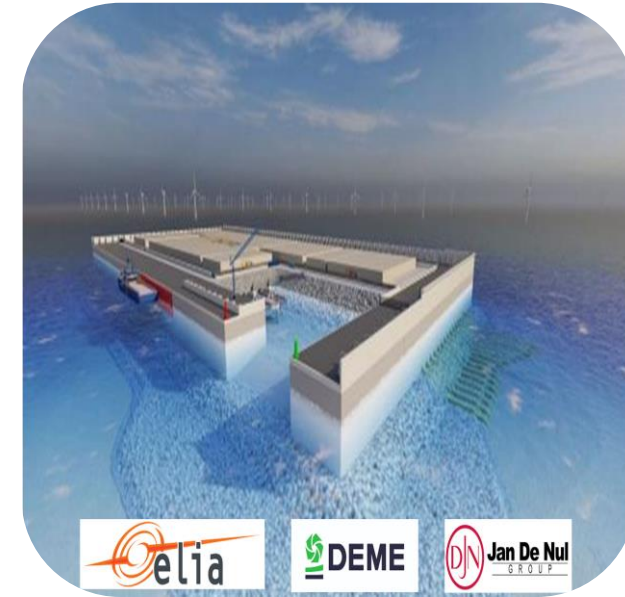
April 9, 2024 11:04 AM GMT+2 · Updated a month ago



Pipes for the Nord Stream 2 gas pipeline in the Baltic Sea, which are not used, are seen in the harbour of Mukran, Germany, on September 30, 2022. REUTERS/Fabian Bimmer/File Photo [Purchase Licensing Rights](#)

LONDON, April 9 (Reuters) - Britain and other major European countries with maritime borders on the North Sea on Tuesday signed an agreement to work together to protect underwater infrastructure, including from possible Russian attacks.

The six countries involved - Belgium, Britain, Denmark, Germany, Norway and the Netherlands - signed a joint declaration they said would allow them to share information.



the omnipresent internet



internet of everything



distributed enterprise/hybrid working



artificial intelligence



automation



immersive reality



data driven decision making

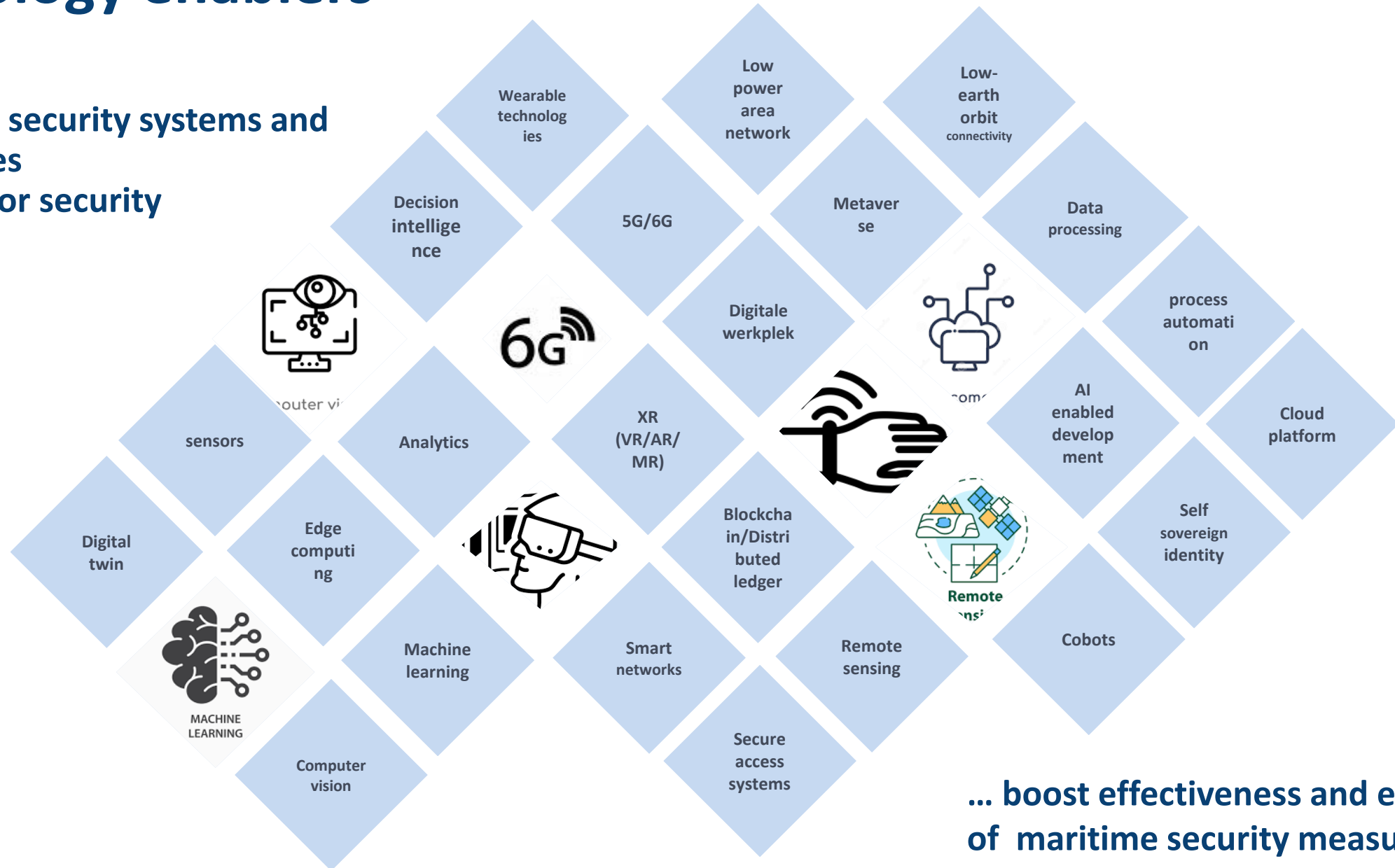


condition monitoring



Technology enablers

- improve security systems and processes
- drivers for security



... boost effectiveness and efficiency of maritime security measures

A safe and stable maritime environment



TIMELY AND EFFICIENT DETECTION OF INTRUSIONS AND ANOMALITIES

ACTING EFFECTIVELY ON ALARMS - **REDUCING FALSE POSITIVES**

REDUCING TIME BETWEEN DETECTION AND RESPONSE

COVERING RELEVANT **WELL-DEFINED PERIMETERS**, WITHIN A
DISTRIBUTED ENTERPRISE AND HYBRID WORK ENVIRONMENT

15h15-16h45 Break-out session Offshore Security

IMEC/RANTZEE technology roadmap: derisking underwater technology and perimeter security – Julie Moeyersoms - IMEC

KEY-NOTE: Geopolitical recreation is over - Yvan De Mesmaeker, Secretary General of the European Corporate Security Association – ECSA

Panel debate

PANEL DISCUSSION



Hans Pirlet
VLIZ



Ronny Dewaele
E-BO Enterprise



Laurent Letellier
Thales



Jochen Van Gasse
Cronos



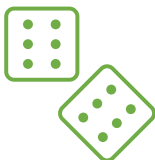
Yvan Demesmaeker
ECSA

Maritime Security

Securing infrastructure at sea



Hybrid environments bring new threats, needing broad solutions



Emerging technologies present fresh opportunities, particularly within the realm of security



Sharing of ideas & best practices will lead to new solutions



Working together to swiftly conquer new challenges

Blue Cluster



Call 18 opens 16 August 2024

Build trusted **collaboration** to initiate **innovation projects**

leading to **solutions and measures** to protect digital and physical infrastructure at sea and in ports

PROCESS FLOW FOR SUBMITTING PROJECTS



Contact us!



Eveline Buyck
Innovation Manager
+32 496 50 13 26
eveline.buyck@blauwecluster.be



Stefaan Mensaert
Innovation Manager
+32 471 92 51 28
stefaan.mensaert@blauwecluster.be

We are Blue Cluster

