

Sjøsikkerhetskonferansen 2019

Nå



Trådløs kommunikasjon gjennom stål og skott

Jacob Grieg Eide

Chief Business Development Officer, ScanReach

SCAN REACH

Life Saving Technology

**“Trådløs kommunikasjon
gjennom stål & skott”**



 1hour 22min after the explosion:

“We are still not sure that all passengers are evacuated - Now starting a search through all cabins.”

Bernt Olsvik, Ålesund fire department
<https://www.tv2.no/a/3585358/>







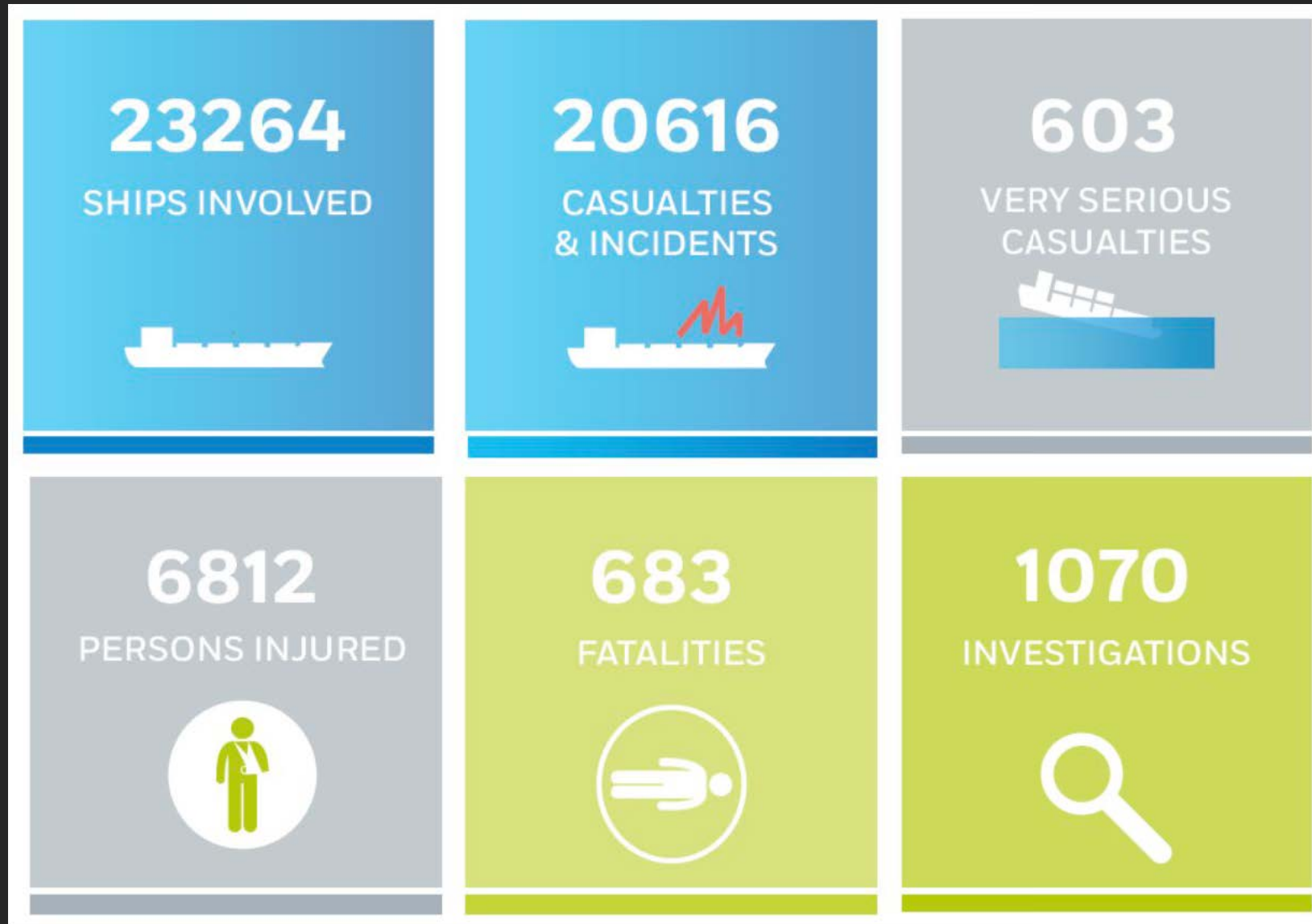








Overview (2011-2018) of marine casualties and incidents 2018*



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Figure 22: Distribution along the Atlantic Coast, in the North Sea and English Channel for 2011-2017

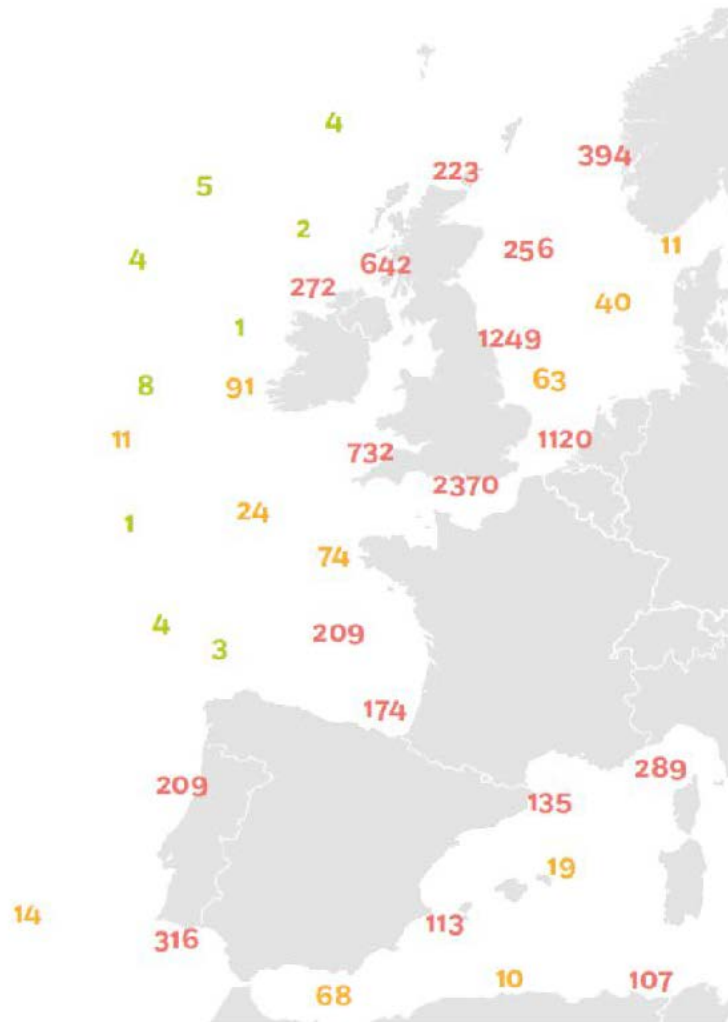
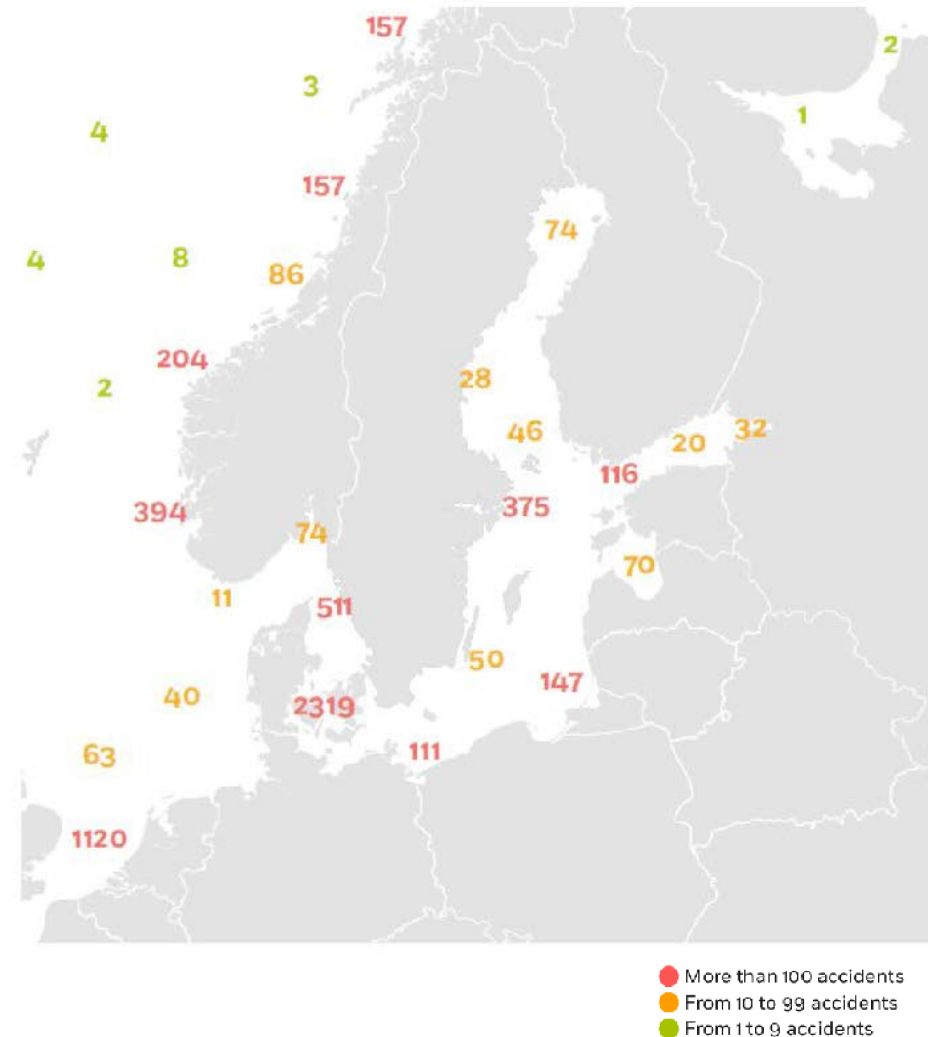


Figure 23: Distribution in the Baltic Sea and approaches for 2011-2017



- More than 100 accidents
- From 10 to 99 accidents
- From 1 to 9 accidents

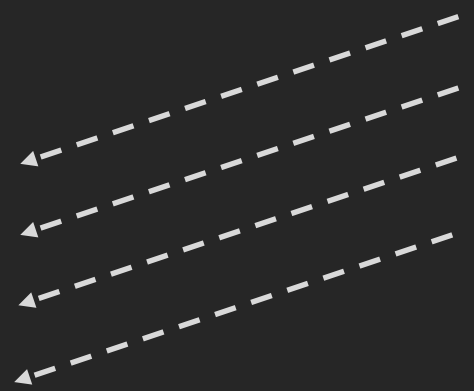
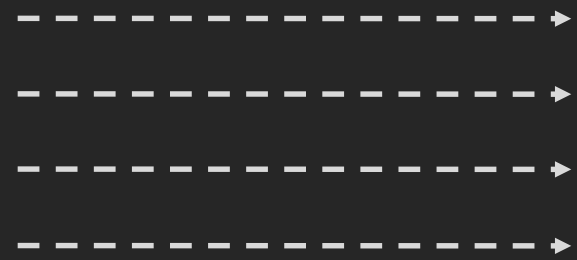
Search and rescue operations are time consuming and complicated processes often leading to dangerous situations and potential loss of lives.

- THE MAIN PROBLEM -

**KNOWING WHERE PEOPLE
ARE LOCATED!**

Data

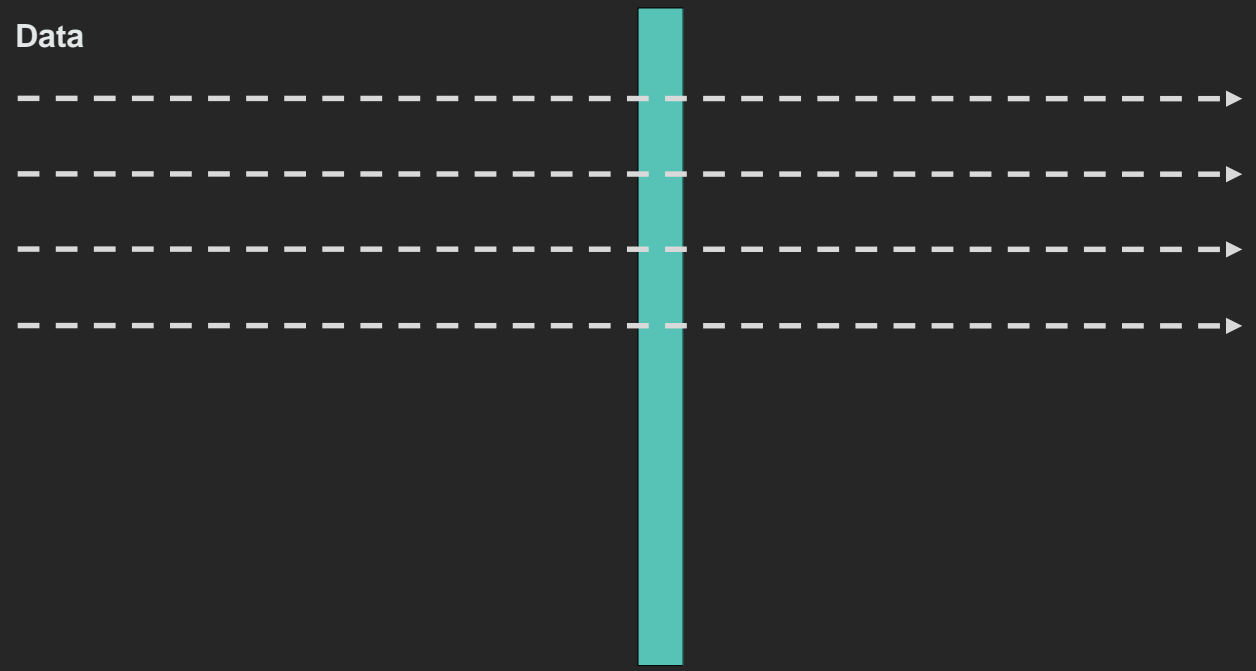
Steel



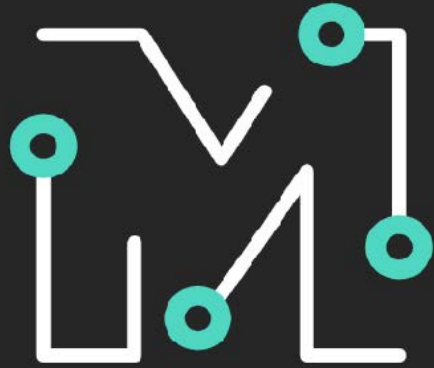
5yrs
50mill
50000hrs

Steel

Data







Wireless IoT
Mesh Network



CONNECT TO PEOPLE ONBOARD

 | **In:Range**



CONNECT TO 3RD PARTY SENSORS

 | **In:Connect**



NORTH SEA GIANT

North Sea Giant



M

Muster stations ×

Total mustered

Total: 116
Mustered: 32
Not mustered: 84



Name / Id	Persons
Muster A	23
Muster B	9



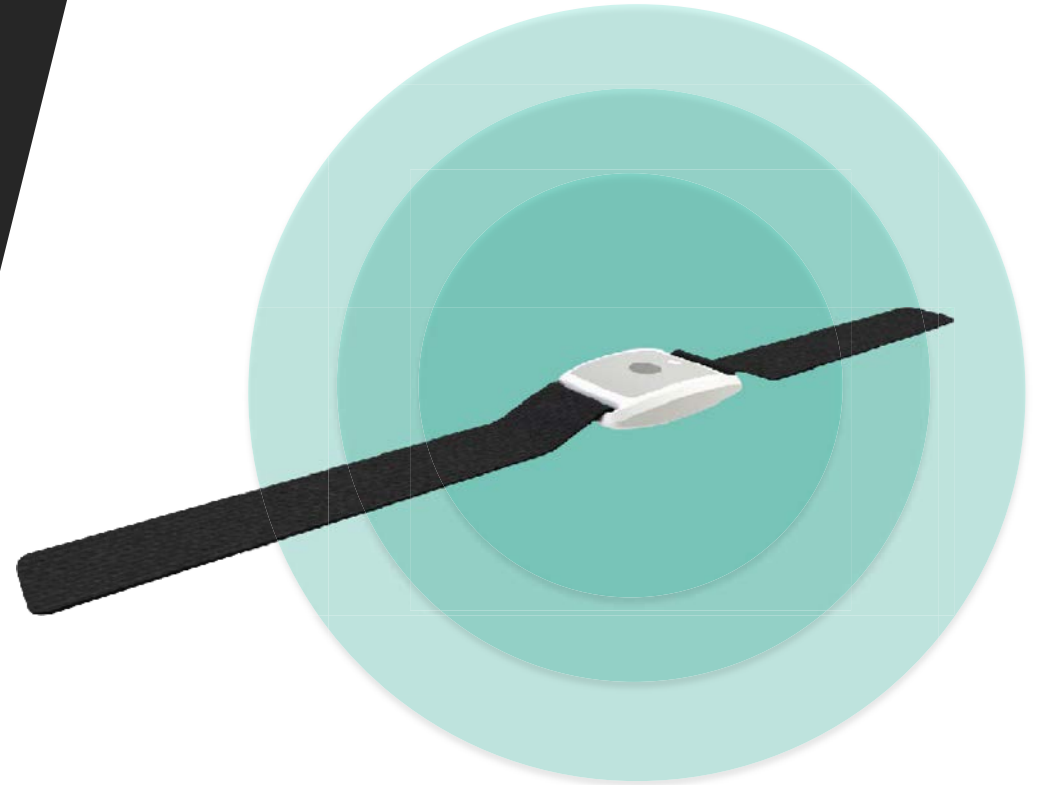




Mesh Node



Wearable



The value of wireless connectivity

- Increased safety level - ultimately save lives
- Better and more efficient safety training
- Improved performance



Smarter



Safer



Greener

