

cGuard

Kongsberg Norcontrol is a leading provider of optimized surveillance solutions for Vessel Traffic Services, Offshore Energy and Maritime security. One of their latest goals is to facilitate coexistence between offshore wind farms and other industries operating in the same maritime domain. Reducing conflict related to offshore wind installations is necessary for Norway to achieve the goal of 8.5 GW offshore wind capacity by 2030.

Objectives

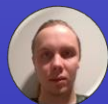
Our primary objective is to establish a service that fosters coexistence between offshore wind farms and stakeholders seeking to utilize the same maritime space.

The software developed as part of this project will define risk zones around offshore wind turbines. In the event of a vessel approaching these zones, timely notifications will be dispatched to alert the vessel operators.

Key results

A service that:

- *gathers weather data from pertinent sources,*
- *processes the weather data to create risk zones around the wind turbines, and*
- *shares the risk zones with other services to set up an alert system.*



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