



# Business Intelligence solution for Wallenius Marine

## Situation

Wallenius Marine is a Sweden-based company that designs wind-powered ships. Operating for 150+ years, they now control a fleet of 145 cargo vessels, using big data and high-level IT security to efficiently and safely manage ships.

Considering that high fuel expenses were always a challenge, Wallenius reached the point where the current reporting tool could not support decision-making process by providing the right data at the right time – increasing fuel consumption and its costs even more.

Therefore, the client needed a flexible analysis tool that could easily be adjusted to company needs by end users without additional development.

## Solution

New analysis tool is aligned with multiple variables that are key for fuel expenses optimization, such as weather data retrieved from hydrometeorological stations and raw data from sensors placed on ships.

Raw data from deck is combined with weather data, accumulated and later presented in BI for analysis.

## Added value

Decision makers can now independently execute data analysis - such flexibility enables company to identify risks ahead of time, provide fleet maintenance assuring **safe and reliable shipping services**.