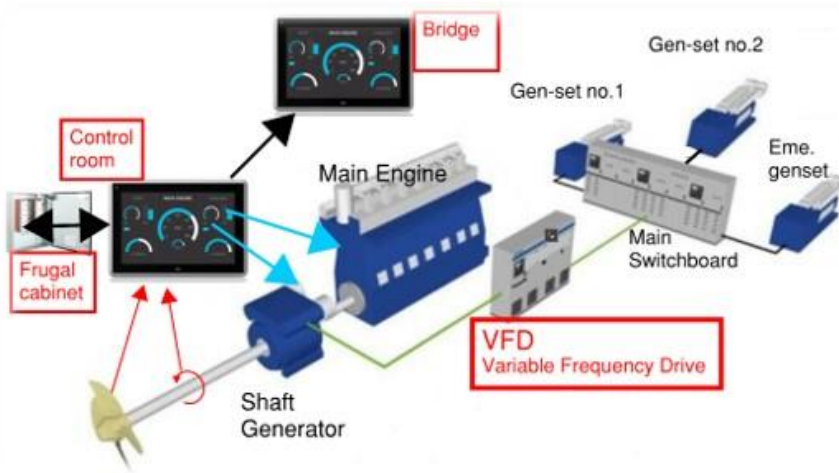


# Automated fuel & CO2 savings - up to 15 % !

## Frugal Propulsion®

An automated, on-top system reducing fuel by optimizing RPM and pitch. Powered by artificial intelligence for continuous real time optimization across all vessel conditions.



### 2 phased turn-key solution and investment

Phase 1: Fuel optimization and CO2 reduction (limited investment)

Phase 2: VFD installation (optional) (variable frequency device)

*All safety systems on vessel is maintained*

### Key Benefits

- ✓ **Guaranteed** 10 % savings
- ✓ ROI of 6-months
- ✓ Ease of use controls on the bridge  
- “autopilot” /thrust feature
- ✓ Preventive maintenance overview
- ✓ 1 day Installation on pier



## The words of the customer...

### Royal arctic Line

“We have had a significant improved performance and we help protect the sensitive arctic waters. With a paypack of 10-12 months the investment is attractive – and we are in a dialogue with Frugal about launching at additional vessels”

*Anders Bay Larsen*  
*Senior Director,*  
*Fleet Management*



See more customer cases at : [www.frugal.dk](http://www.frugal.dk)

### Contact us today !

- for a chat about your potential for future savings

Tel. : +45 40 10 86 81

e-mail: [ph@frugal.dk](mailto:ph@frugal.dk)

[www.frugal.dk](http://www.frugal.dk)

### About Frugal

Frugal is a Danish owner-led company with competences of more than 30 years of vessel engineering and optimization

Frugal is a spin off from Hauschildt Marine (A naval architect and engineering company)

