



# FLETTNER ROTOR

Rörd Braren Bereederungs-GmbH & Co. KG





## Agenda

1. Introduction
2. Decision process
3. Refit procedure
4. Expectations
5. First experiences



## 1. Introduction

### Rörd Braren Bereederungs- GmbH & Co. KG

- ▶ Family company based in Kollmar/Germany
- ▶ Managing eleven ships
- ▶ Founded 1990
- ▶ Approx. 200 seamen & 10 office employees
- ▶ Investing in environmental friendly projects
- ▶ Two awards





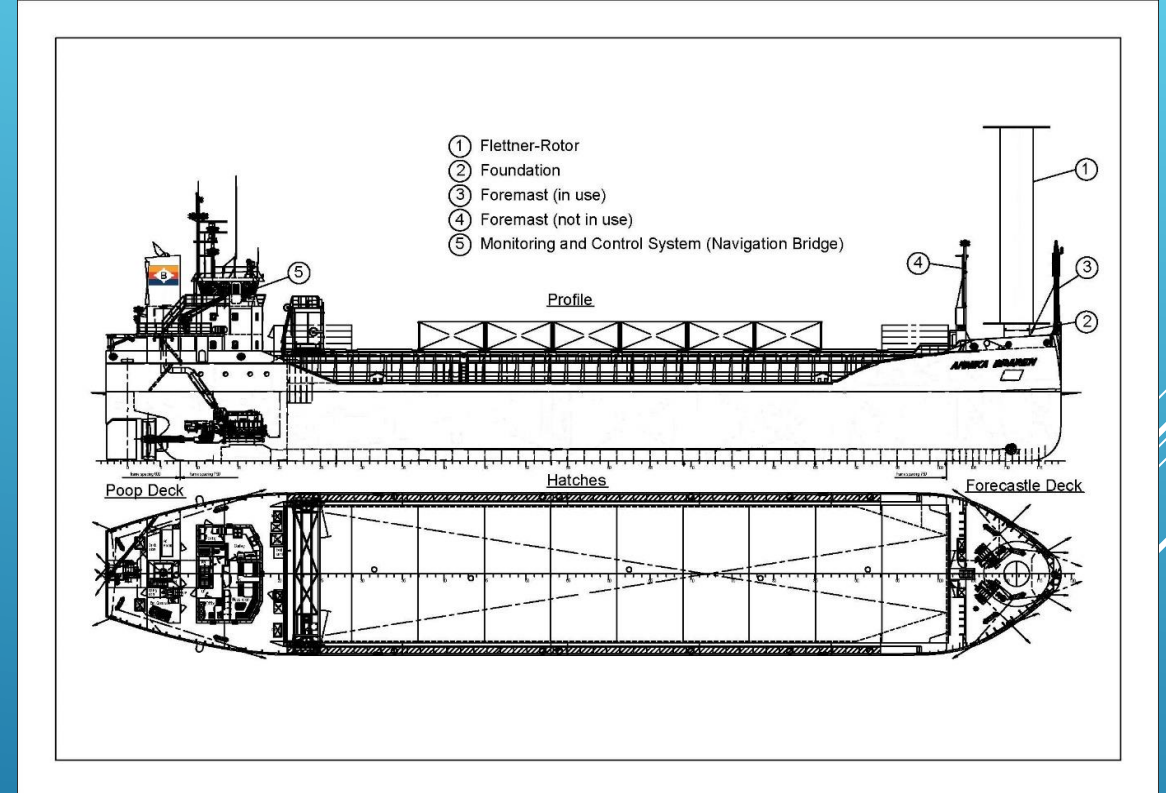


## 1.1 Introduction



## 2. Why did we decide to use the Flettner Rotor?

- Got a newbuilding in 2020
- Tier III classified
- Looking for further solutions
- Reducing fuel costs
- Reducing Co2 (carbon dioxide)
- Saving Co2 tax
- EU is funding the project





### 3. Refit Procedure











## 4. Expectations

- Increasing speed
- Reducing power of main engine
- Fuel savings of approx. 9-13 % p.a.
- Reducing abt. 360 up to 540t Co2 p.a.







## 5. First experiences





Thanks for your attention!

Any questions? Please write me:

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