

Introduction

Paul Melles

- 2021-now
Technical director
Royal Doeksen
- 2001-2020
Managing director
Rederij Doeksen



Challenges

Future pandemic

Energy transition =>ZE

Unesco World Heritage



Fleet Rederij Doeksen



Mv Zeehond



Mv Noord-Nederland



Mv Koegelwieck



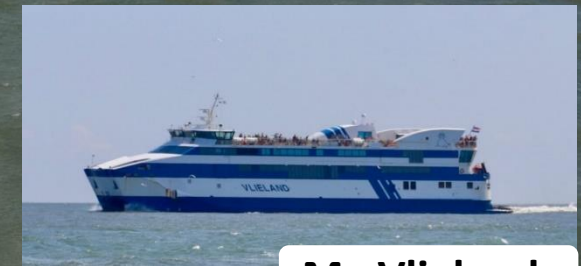
Mv Tiger



Mv Willem Barentsz



Mv Friesland

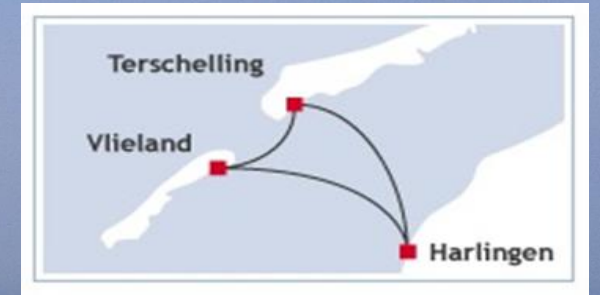


Mv Vlieland



Mv Willem de Vlamingh

The Isles



Vlieland

- 1.226 inhabitants
- 39,15 km²
- Sailing time: 1h 35

Terschelling

- 4.894 inhabitants
- 85,26 km²
- Sailing time: 1h 50



Sustainable

- Single fuel (bio) LNG, light weight, efficient hull form
- MTU SF, SI gas engines, CR props
- Max.heat recovery, Orcan ORC
- Solar panels, led, etc.

Engine noise
- 50-75%

CO₂
-12%

NO_x
-90%

PM
-95%

SO_x
-100%



- Essential part of the services of Rederij Doeksen
- Wadden Sea Unesco World Heritage
- Light weight, compact, fast
- 23 NM => ZE: ??

Fast ferries: a special challenge



Thank you for your attention

