

# Kernenergie voor de zeevaart

Niels de Vries (C-Job) & Pieter 't Hart (MKC)

Maritime Innovation Platform – 28 maart 2023



Maritiem  
Kennis  
Centrum



**C-JOB**

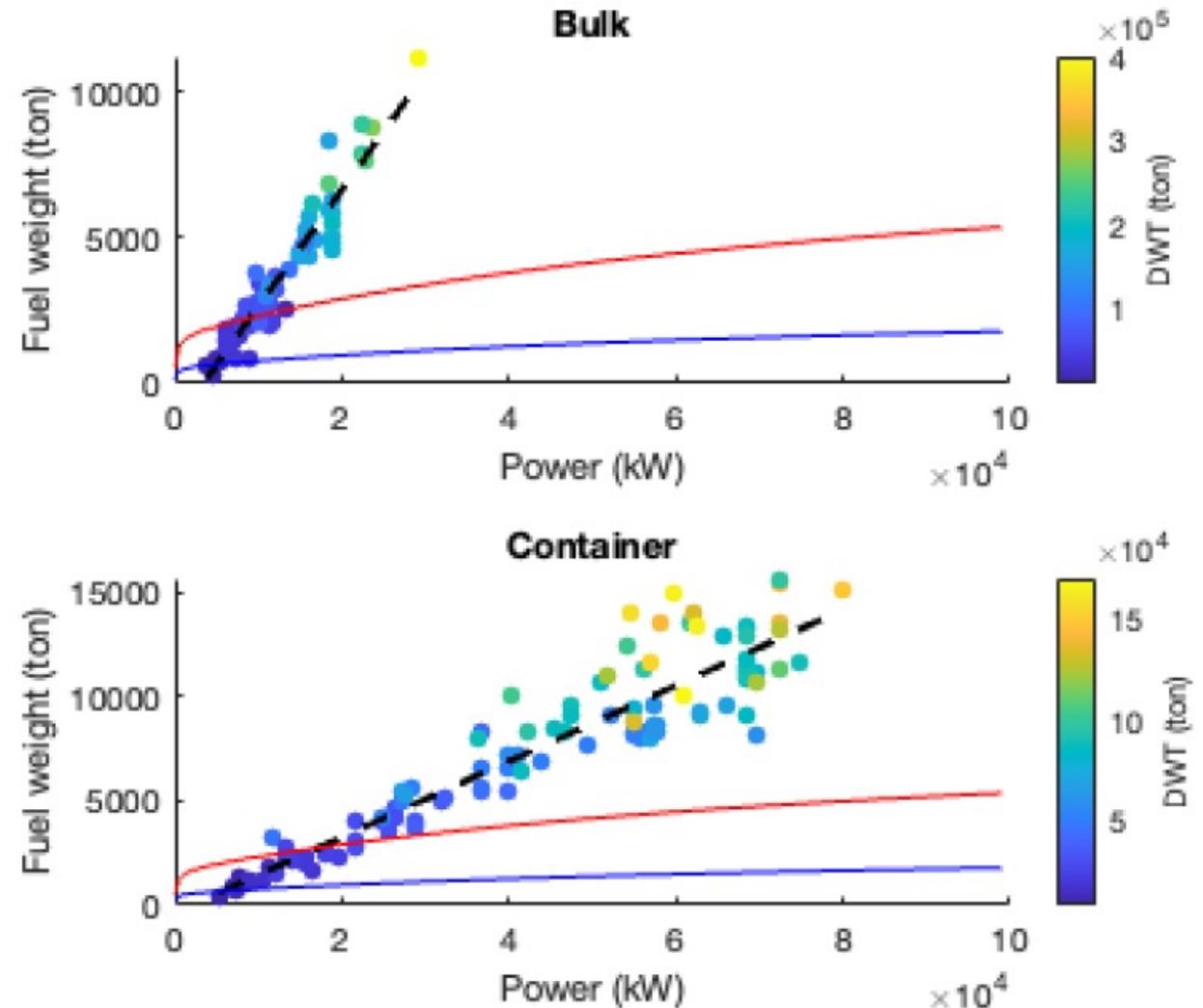
DEDICATED NAVAL ARCHITECTS

# Nuclear Marine Propulsion: High Potentials

## Like for like replacement

Thesis M.Sc. Marine Technology

- Nuclear reactors for marine propulsion and power generation systems
- Koen Houtkoop, 2022-07-06
- TU Delft & C-Job



# Nuclear Marine Propulsion: High Potentials

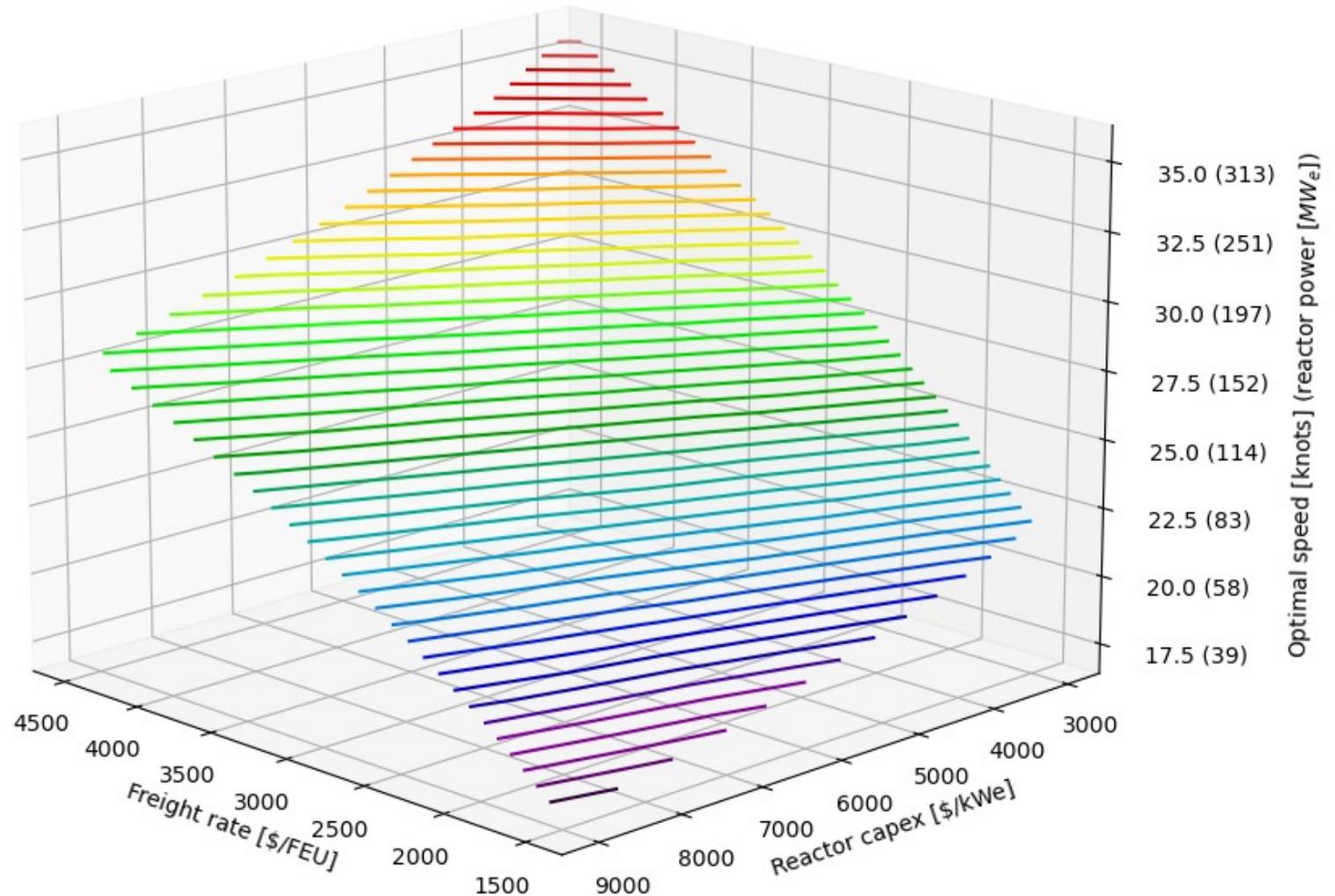
## New build

Thesis M.Sc. Marine Technology

- (High speed) Nuclear powered container vessel
- Zeno Leurs, ongoing
- TU Delft & C-Job

Case 1:

- 20,000 TEU
- Rotterdam-Shanghai
- Lifetime 25 year



# Nuclear Marine Propulsion: High Potentials

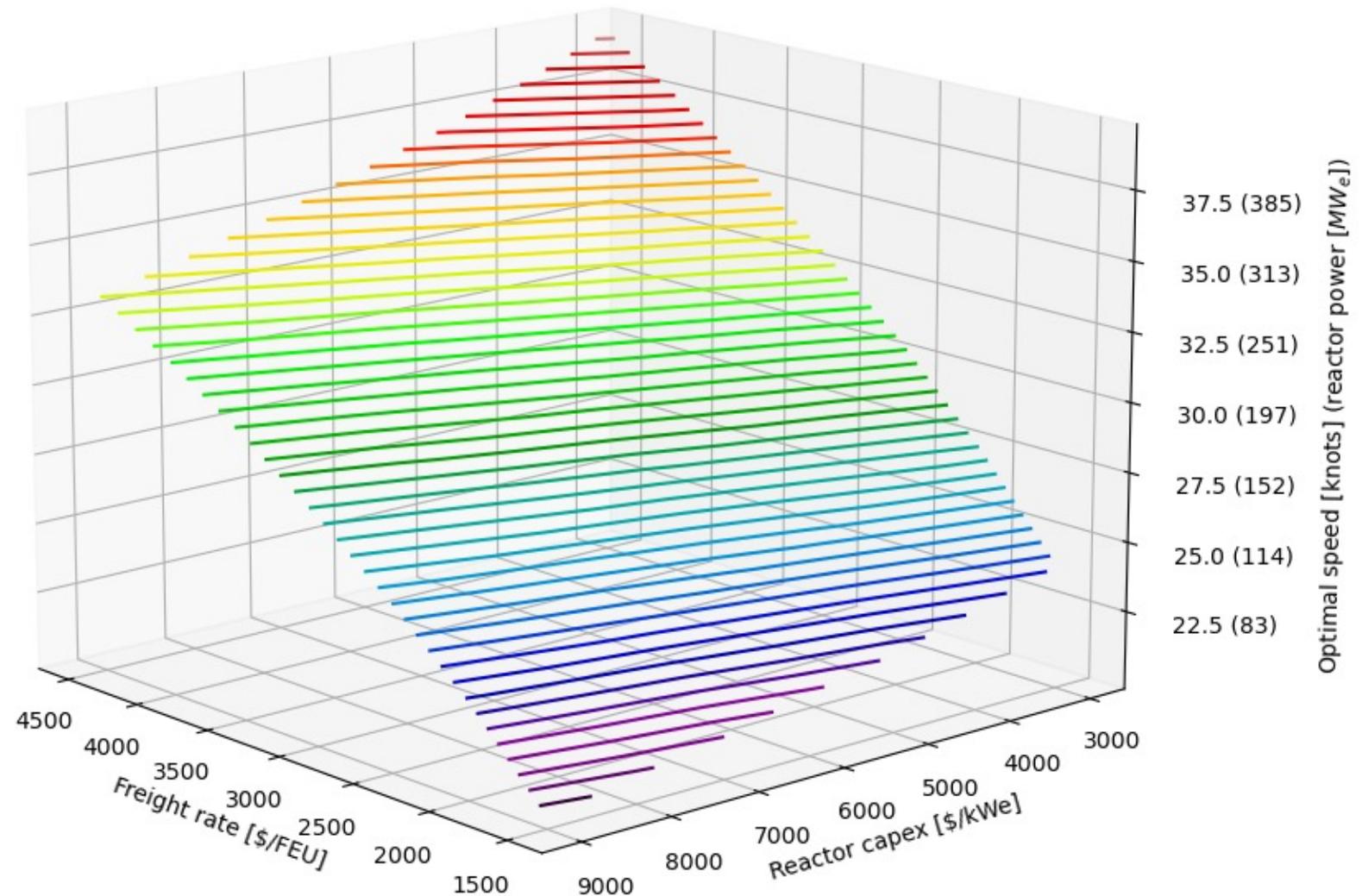
## New build

Thesis M.Sc. Marine Technology

- (High speed) Nuclear powered container vessel
- Zeno Leurs, ongoing
- TU Delft & C-Job

Case 2:

- 20,000 TEU
- Rotterdam-Shanghai
- Lifetime 50 year





***C-JOB***

DEDICATED NAVAL ARCHITECTS

[www.c-job.com](http://www.c-job.com)

[info@c-job.com](mailto:info@c-job.com)

+31 (0)88 024 37 00