

Wir machen Schifffahrt möglich.

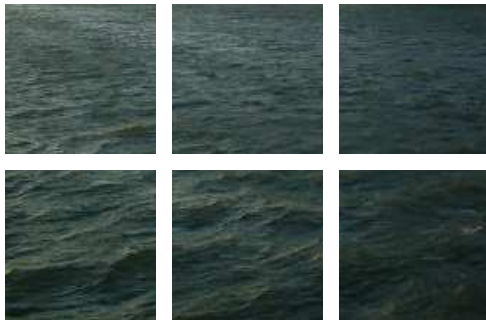
# BPAC 2018 – Germany

Daniela Nissen, Federal Waterways and Shipping Agency,  
Kiel



WSV.de

Wasser- und  
Schiffahrtsverwaltung  
des Bundes



## 2017 Pilotage - Figures and Facts

- 851 pilots in 7 brotherhoods (2016: 824; **+3,3%**)
- PECs: 1098 (2016: 1037, **+5,9%**)
  
- pilotage dues: 0% (2016), +4,4 % (2017), +4,4% (2018)  
0% (2019)
  
- pilotage fees (+2,04 % per working hour:  
84,79 € (2018), 83,10 € (2017) 81,01 € (2016)
  
- **Baltic:** 9 deep sea pilot operations (2016: 9, **0 %**)  
with 21 deep sea pilots (2016: 24, **-12,5 %**)
  
- **North Sea, English Channel:**  
49 deep sea pilot operations (2016: 27, **+81,5%**)  
with 31 deep sea pilots (2016: 31, **0%**)

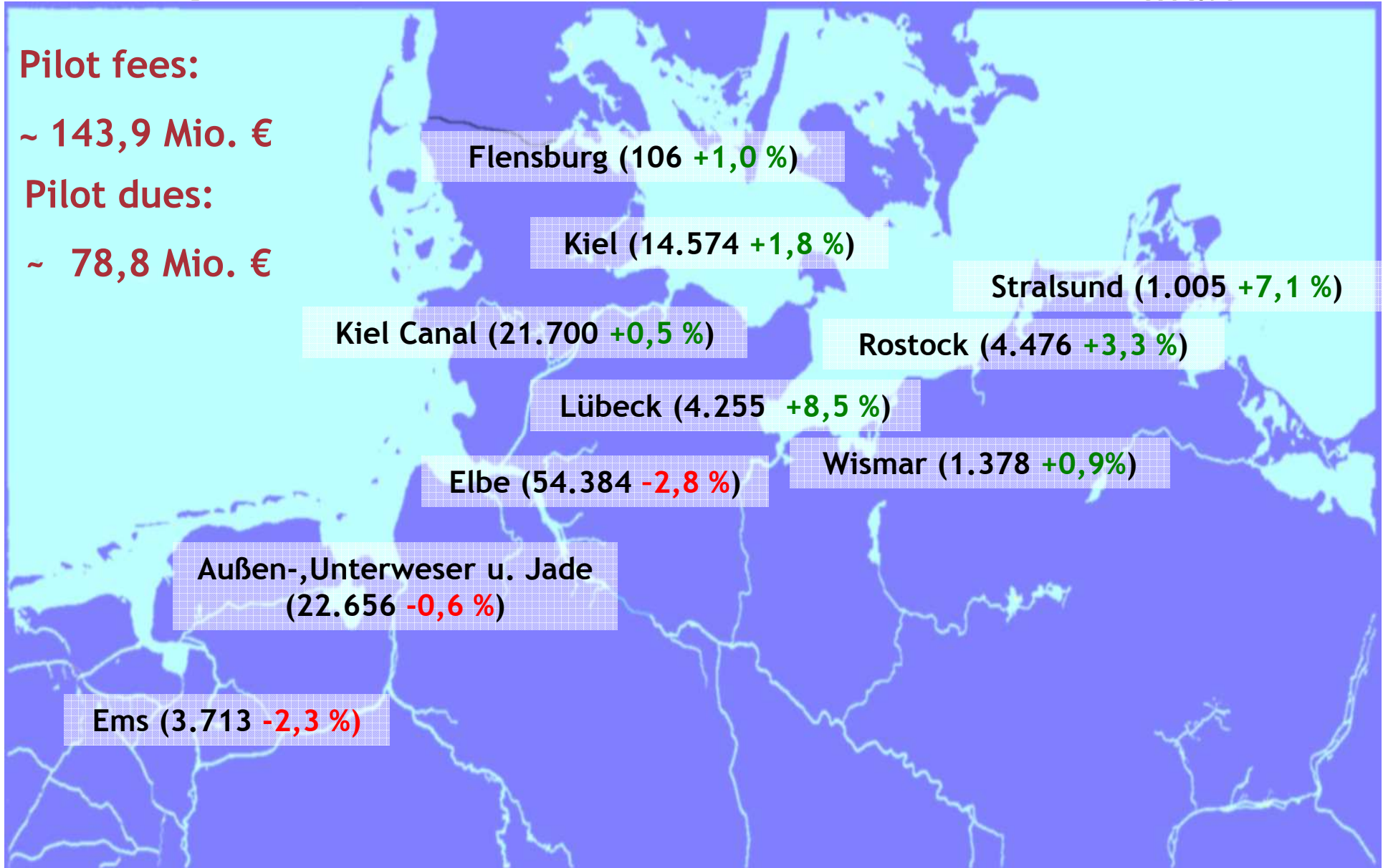
# Pilot operations 2017 – in total 128.247 (-0,9 %)

## Pilot fees:

~ 143,9 Mio. €

## Pilot dues:

~ 78,8 Mio. €

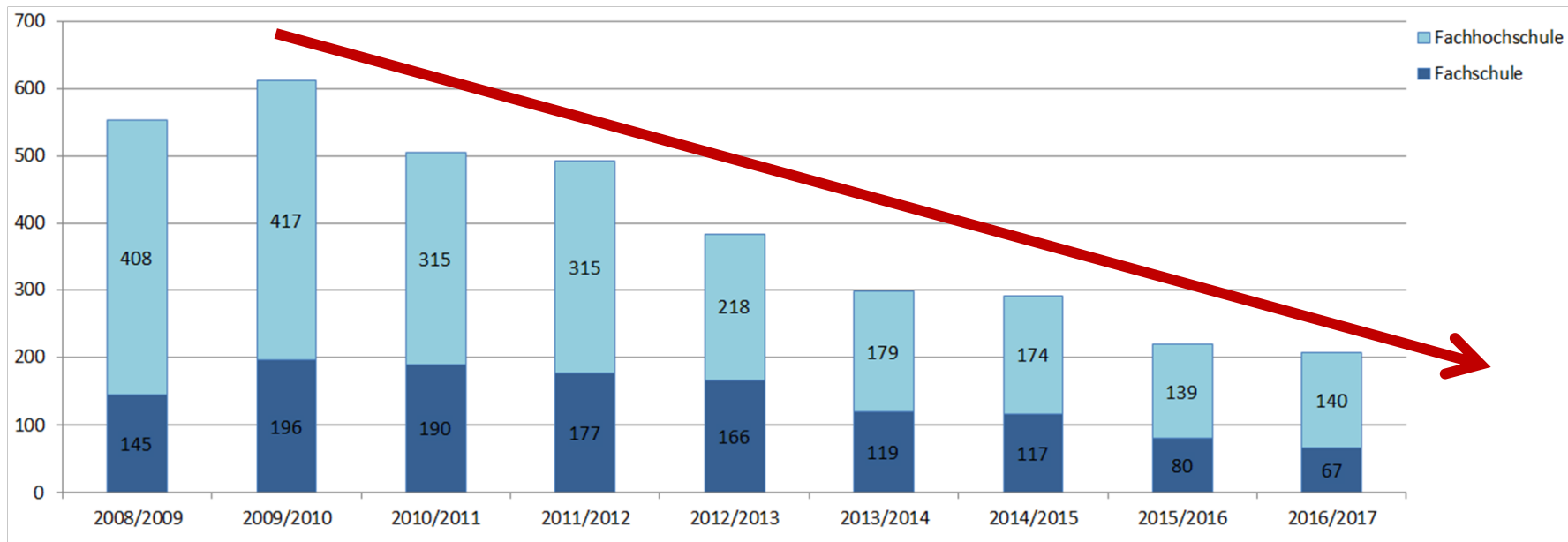


Wir machen Schifffahrt möglich.

# Reasons for consortium "Future maritime pilot training"



## Beginners: Technical Schools and Universities of Applied Sciences



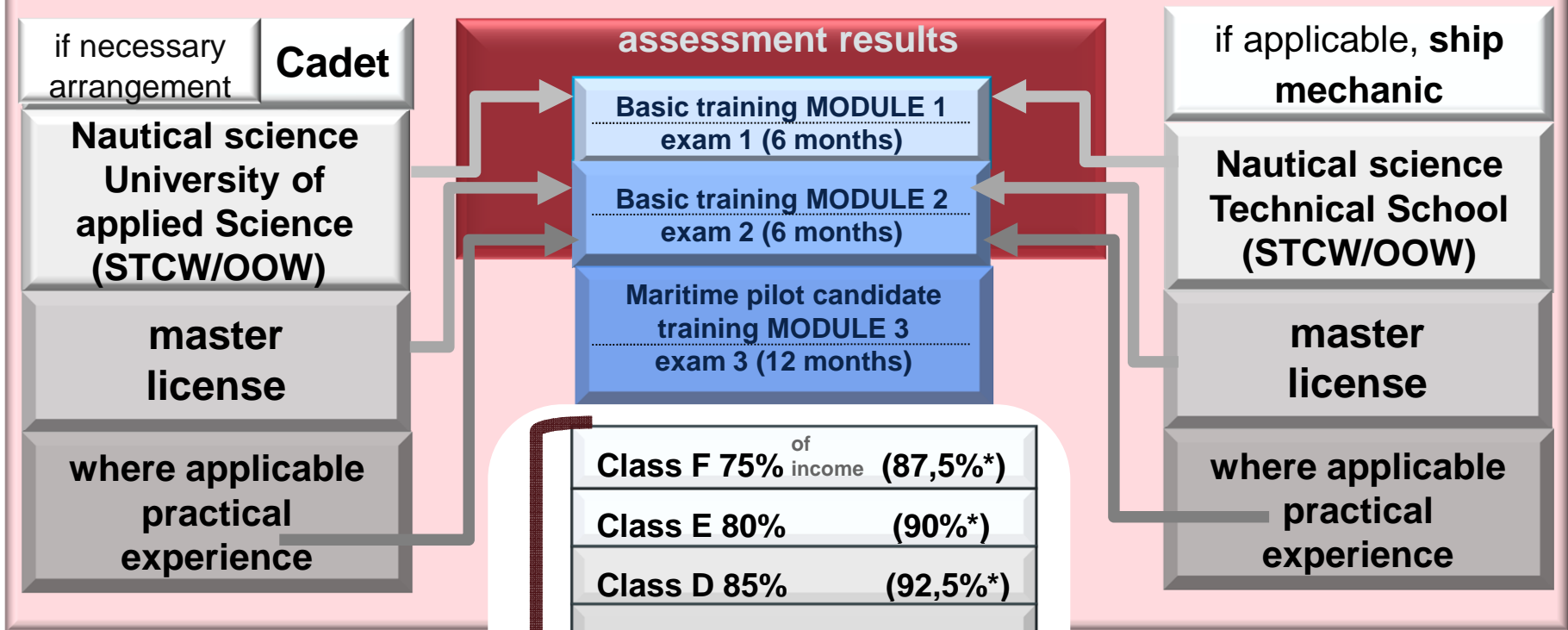
### Reasons:

Source: STAK, own research

- Uncertain future prospects due to OOW training sites going into decline
- Tough economic situation in the maritime sector
- Pilot jobs directly dependent on the profession of captain/1st Officer

# Future paths to become a maritime pilot

Time frame for taking assessment (>17)



Class F	75% <sup>of</sup> income	(87,5%*)
Class E	80%	(90%*)
Class D	85%	(92,5%*)
Class C	90%	(95%*)
Class B	95%	(97,5%*)
Class A	100%	

maritime pilot  
- no restrictions -

Mostly self-financing system (for flexible costs)

Financial need (for fixed costs)

\*for those who only need to pass module 3

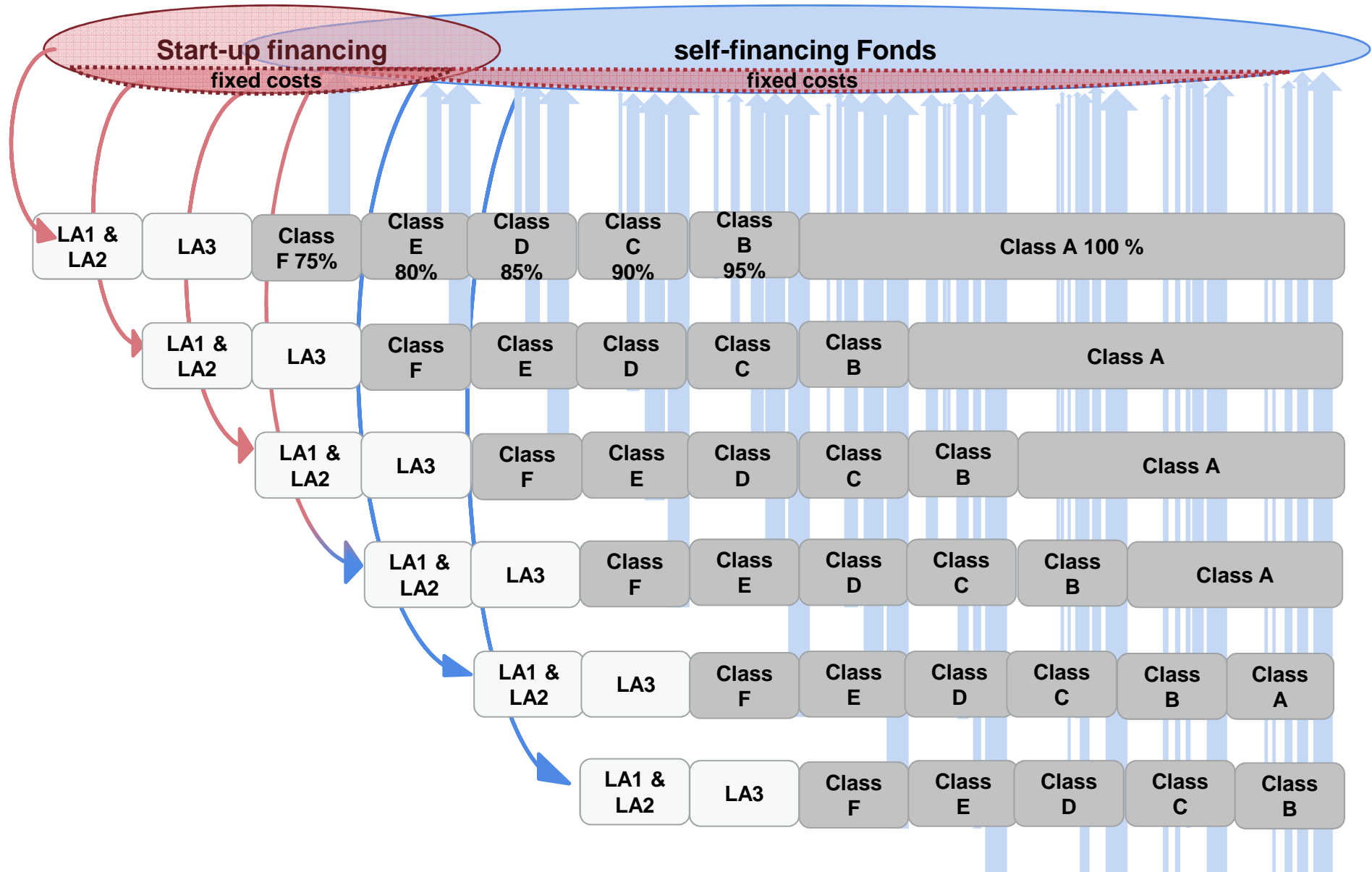


Wir machen Schifffahrt möglich.



WSV.de

1st year 2nd year 3rd year 4th year 5th year 6th year 7th year 8th year 9th year...

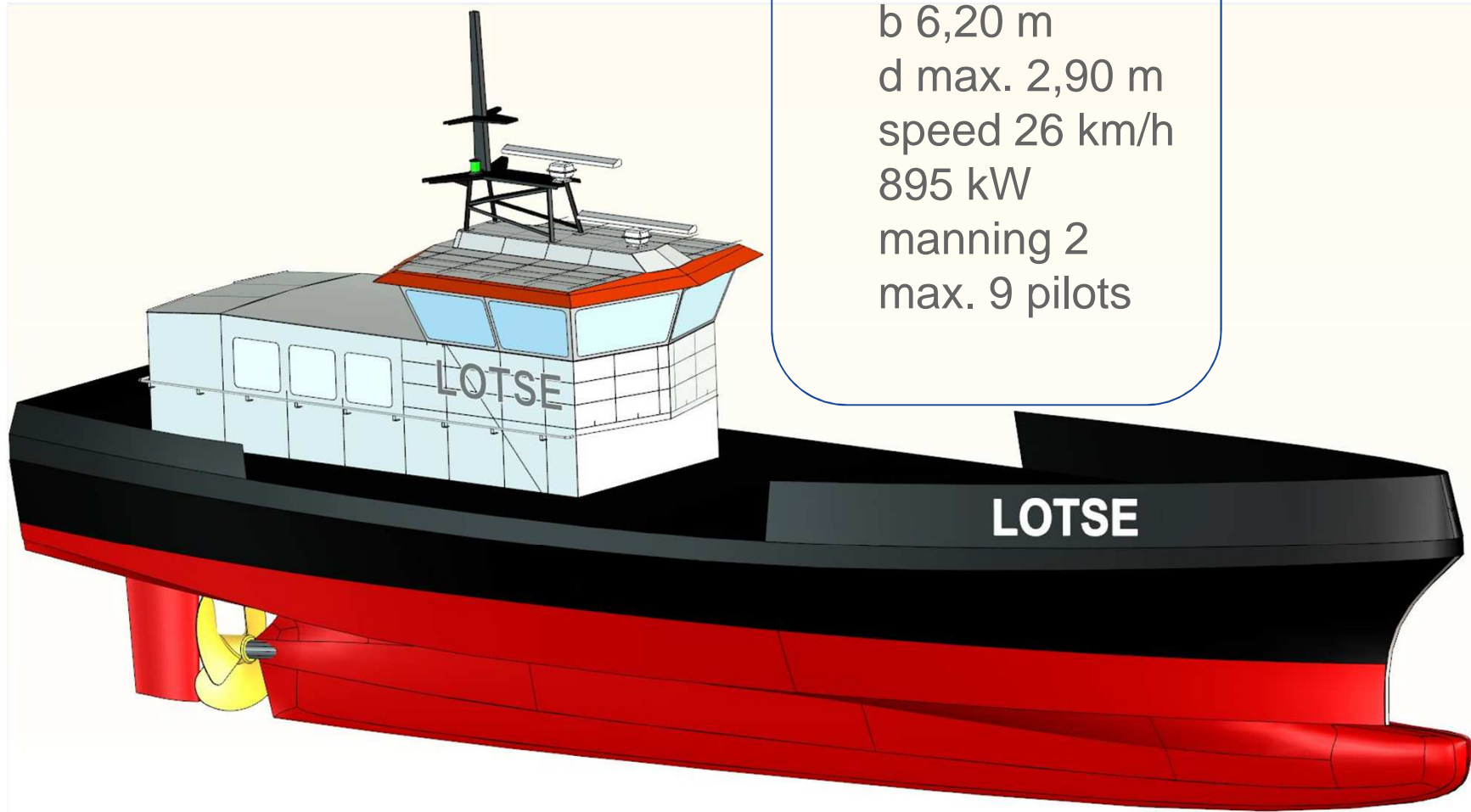


Wir machen Schifffahrt möglich.

## Brunsbüttel Range 2 Monohulls



l 28,20 m  
b 6,20 m  
d max. 2,90 m  
speed 26 km/h  
895 kW  
manning 2  
max. 9 pilots



Wir machen Schifffahrt möglich.



## Building in process



**hull: steal**



**superstructure:  
aluminum**



Wir machen Schifffahrt möglich.

# Brunsbüttel Range 2 Monohulls



l 28,20

b 6,20

d 2,90

vmax 26km/h

kW 895

manning 2

pilots max 9

christening

03.07.2018

Docksta

Varvet

Wir machen Schifffahrt möglich.



**Thank you for your attention!**