

Wir machen Schifffahrt möglich.

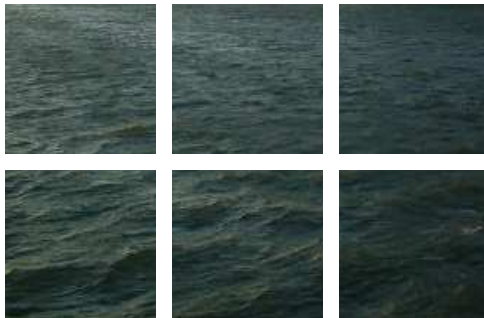
BPAC 2017 – Germany

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Kiel



WSV.de

Wasser- und
Schifffahrtsverwaltung
des Bundes



2016 Pilotage - Figures and Facts

- 824 pilots in 7 brotherhoods (2015: 813; **+1,4 %**)
- PECs: 973 (2014: 1100, **-11,5 %**)
- pilotage dues: +8% (2015), 0% (2016), +4,4 % (2017)
- pilotage fees (+2,58 % per working hour:
81,01 € (2016), 79,95 € (2015) 83,10 € (2017);
- 9 deep sea pilot operations (2015: 21, **-57%**) with 24 deep sea pilots (2015: 25, -4%) (**Baltic**)
- ca. 27 (2015: 20, **+35%**) deep sea pilot operations with 31 (2015: 31) deep sea pilots (**North Sea, English Channel**)

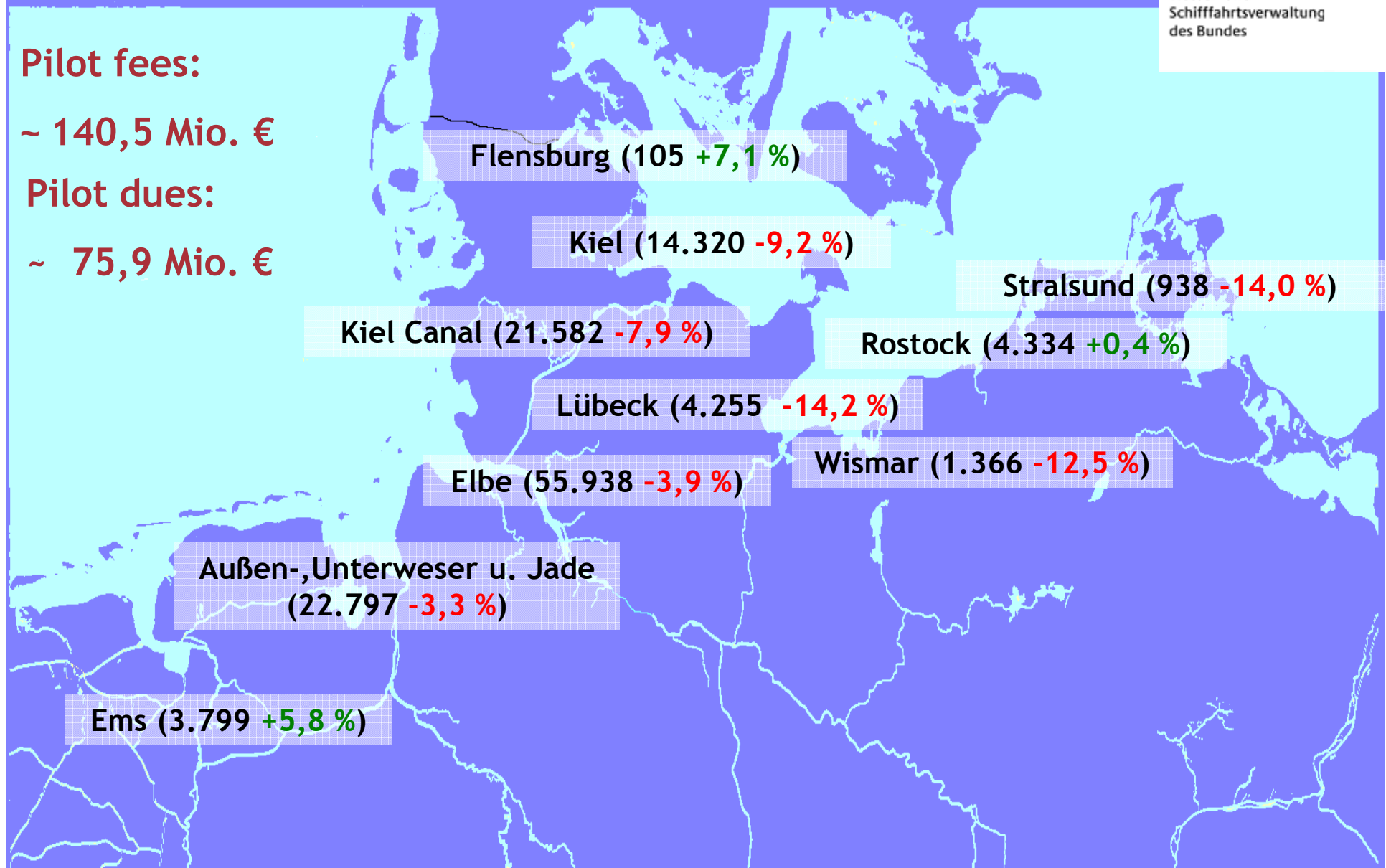
Pilot operations 2016 – in total 129.434 **(-5,3 %)**

Pilot fees:

~ 140,5 Mio. €

Pilot dues:

~ 75,9 Mio. €



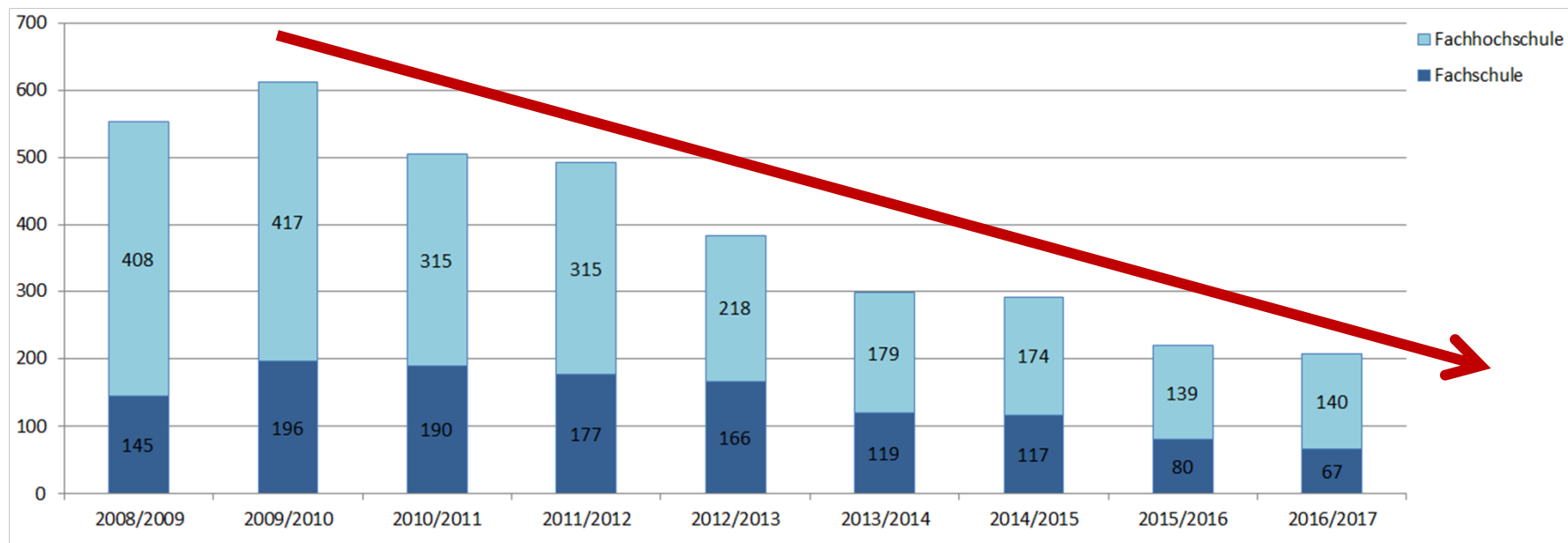
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Reasons for consortium

"Future maritime pilot training"

Beginners: Technical Schools and Universities of Applied Sciences

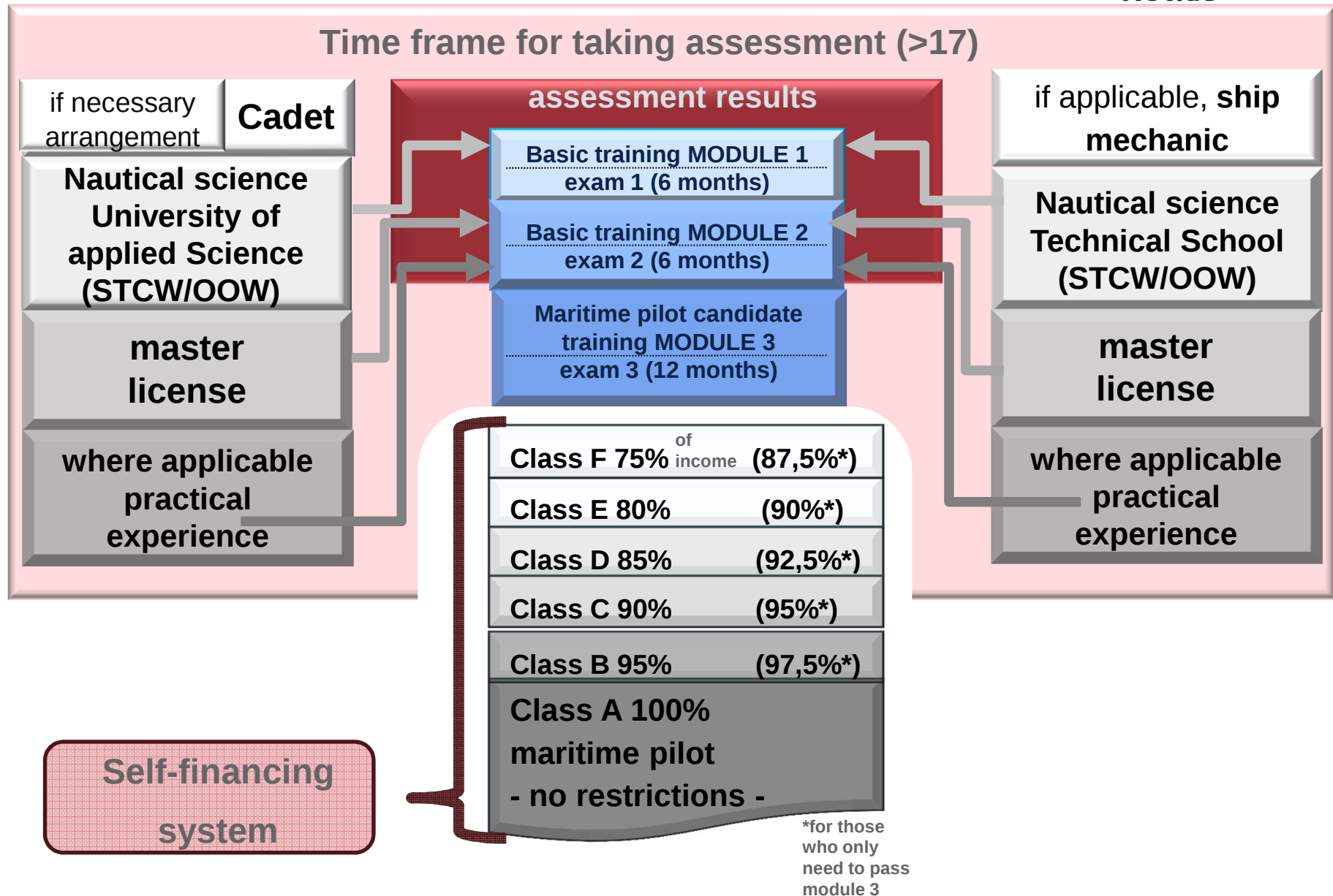


Reasons:

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



Wir machen Schifffahrt möglich.



Brunsbüttel Range SWASH „Explorer“



SWASH@A&R:

Small

Waterplane

Area

Single

Hull

l 20,42

b 12,16

d 3,10

vmax 16,5 sm/h;

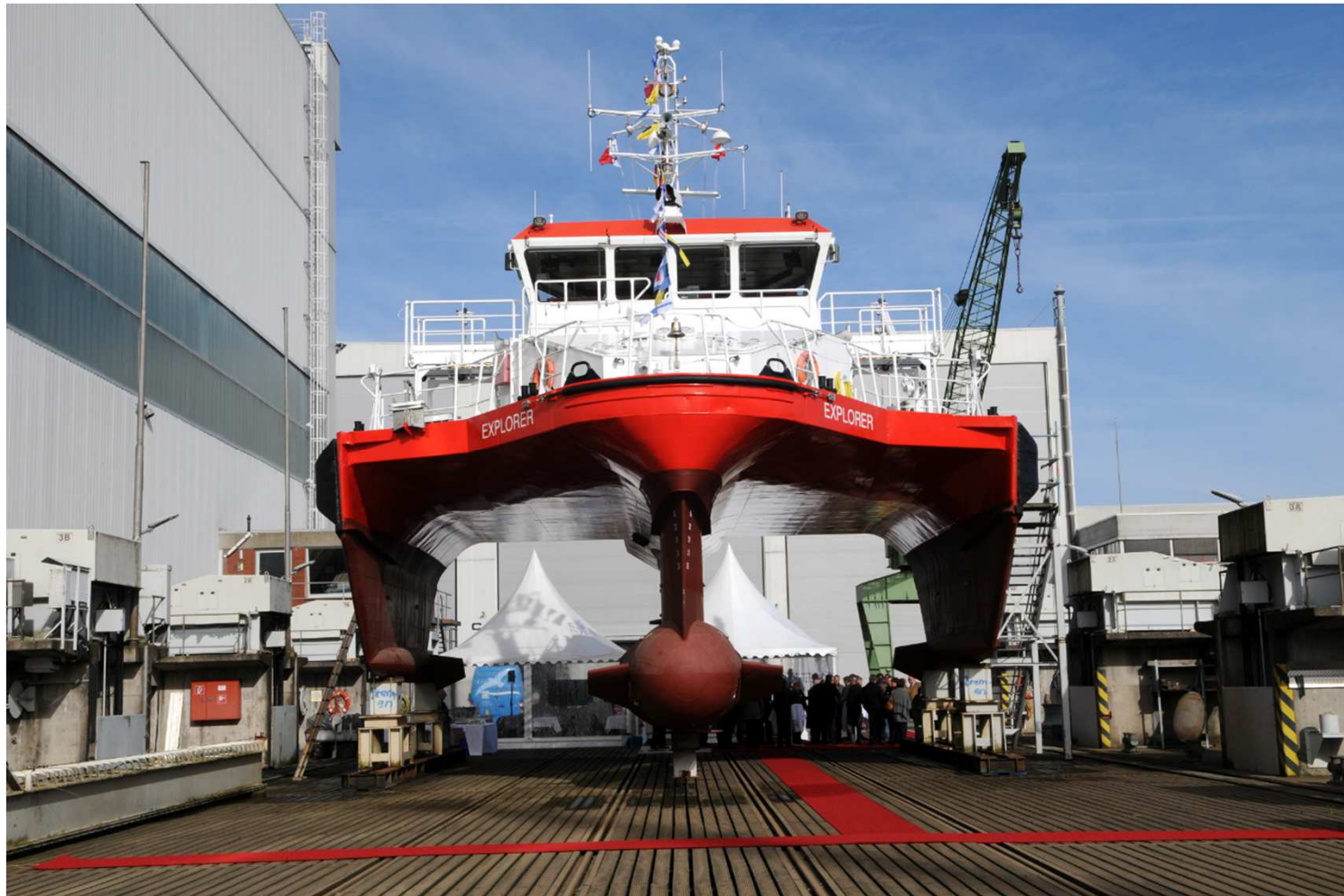
manning 2

pilots 8

Wir machen Schifffahrt möglich.



„Explorer“, new colour



Wir machen Schifffahrt möglich.

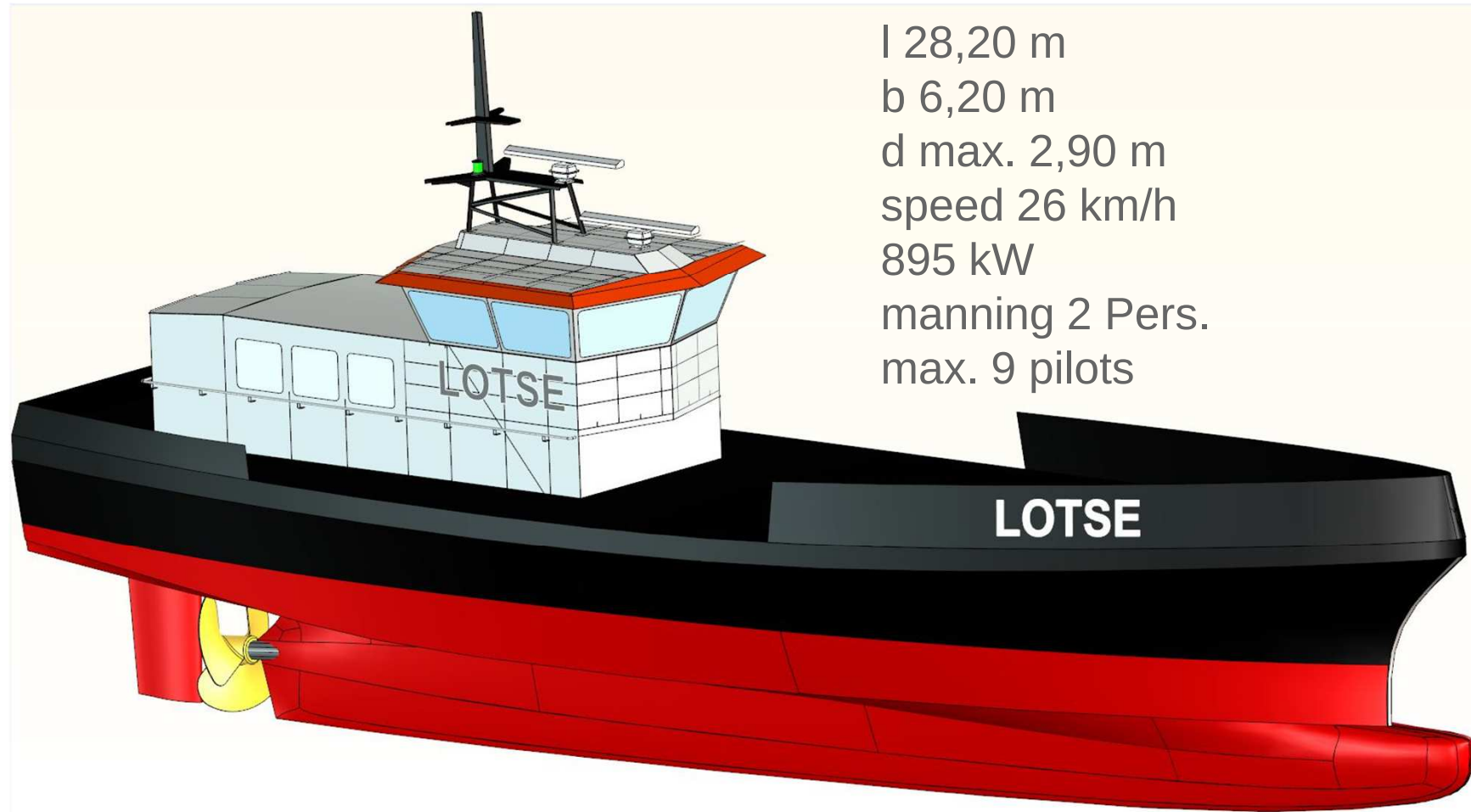


„Explorer“, new colour



Wir machen Schifffahrt möglich.

Brunsbüttel Range 2 Monohulls



Wir machen Schifffahrt möglich.



Building in process



hull: steal



**superstructure:
aluminum**

Wir machen Schifffahrt möglich.



Thank you for your attention!

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comparison: Pilot Tender „Grodén“



SWATH-Tender

(used by
Brotherhood
Elbe & Weser)

l 25,65 m

b 14,26 m

d 2,70 m

v_{max} 18 sm/h;
manning 3

pilots 8

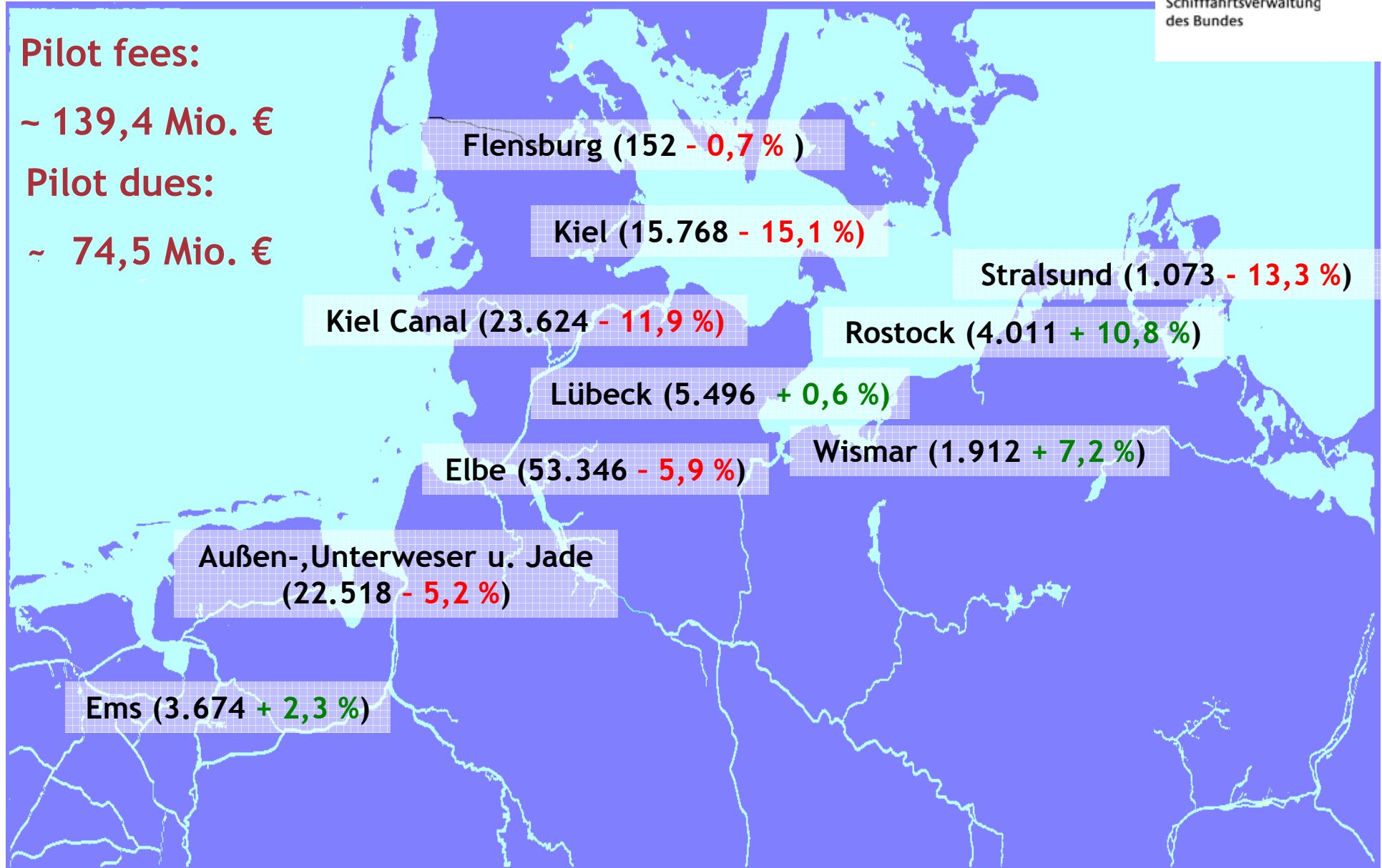
Pilot operations 2013 – in total 131.574 (- 7,1%)

Pilot fees:

~ 139,4 Mio. €

Pilot dues:

~ 74,5 Mio. €



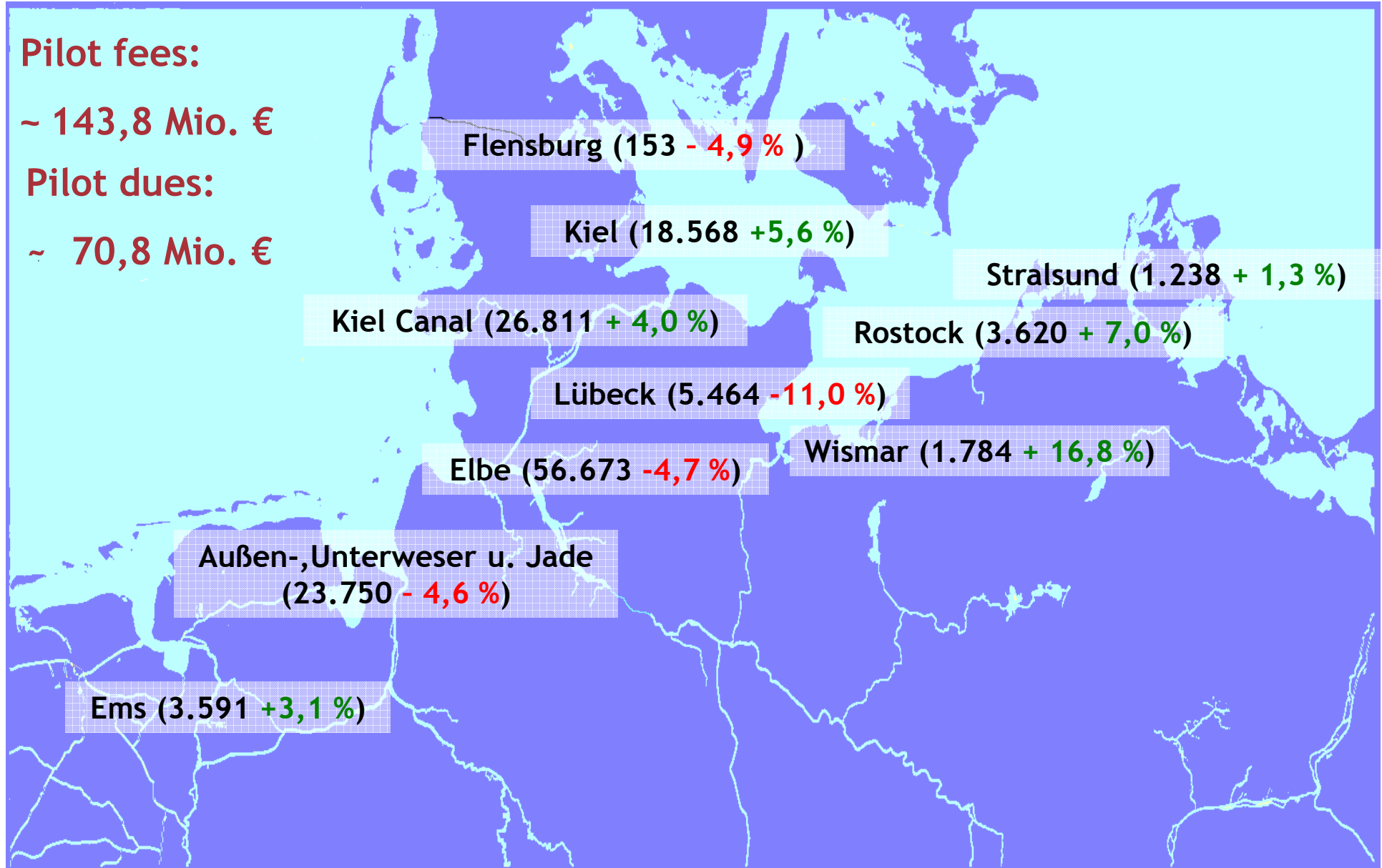
Pilot operations 2012 – in total 141.652 (0,14%)

Pilot fees:

~ 143,8 Mio. €

Pilot dues:

~ 70,8 Mio. €



Pilot operations 2011 - 141.453 total (5%)

Pilot fees:

~ 138,2 Mio. €

Pilot dues:

~ 60,2 Mio. €

