
CHALLENGES IN FINANCING FOR GREENER SHIPPING

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WHAT IS GREEN FINANCING?



But this financing has a specific purpose : make the world cleaner

WHAT IS GREEN FINANCING IN SHIPPING?

- For newbuildings:
 - ▶ Ships with LNG propulsion
 - ▶ New technologies (hydrogen batteries, sailing ships, solar ships, etc) ?
- For existing ships: green equipments such as:
 - ▶ Ballast water treatment systems
 - ▶ Hull retrofitting/treatment allowing better fuel efficiency
 - ▶ Less environmental harmful propulsion technology (such as LNG retrofit)
 - ▶ Any other innovative solutions (kiteship...)
 - ▶ Scrubbers ?

WHERE ARE WE?

● World Fleet*	59,626	
▶ World Fleet equipped with scrubbers:	198	0.33%
▶ World Fleet fitted with LNG propulsion:	107	0.18%
● World Fleet Orderbook*	2,606	
▶ World orderbook equipped with scrubbers:	94	3.61%
▶ World orderbook fitted with LNG propulsion:	73	2.80%

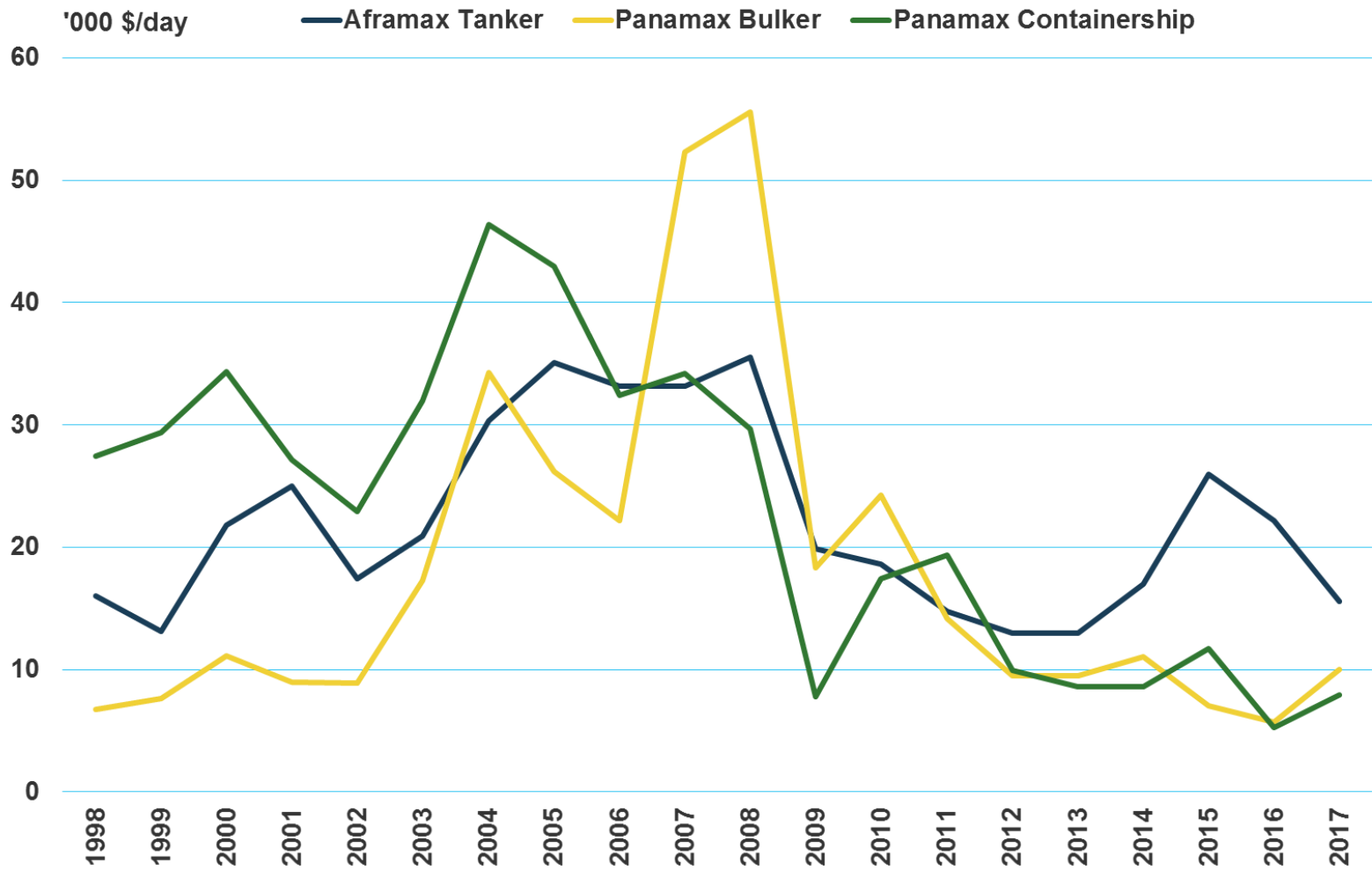
*excluding LNG tankers

*based on MSI data

PROBLEMS

- Fear of changing regulation
- Financial risk for shipowners
- Uncertainty on Infrastructure development
- Legal issues
- Market difficulties

SHIPPING EARNINGS IN SELECTED MARKETS



Source: MSI

POSSIBLE SOLUTIONS

- States need to provide more forward looking regulation
- States could subsidize more the development of green technologies
- States need to support the green financing on an unsecured basis
- States need to support the development of port and shipyard infrastructures
- Reduce the number of options for stakeholders?

CONCLUSION

- Transition to Greener shipping has just started and progression is slow
- 2020 deadline for low sulphur emission unlikely to be reached
- Shipowners need more financial support and regulatory visibility
- It is up too all stakeholders to play their part

THANK YOU !