

Wind Assisted Ship designs

VentiFoil in practice and new developments



VentiFoils wind propulsion

Use free wind by application of large VentiFoil:

- Down-foldable
- Not impeding operations
- Compact Wind modules
- Retrofit or Integration
- Movable flatracks or fixed positions



> 2 year Ventifoil application in practice

MS *ANKIE*

Ship speed 10 - 11 kn

CO2 reduction

@Bft5 abt 20%

Annual abt 6-8%

Baltic/North Sea



VentiFoils & efficient cargo handling

Stand-alone VentiFoils:

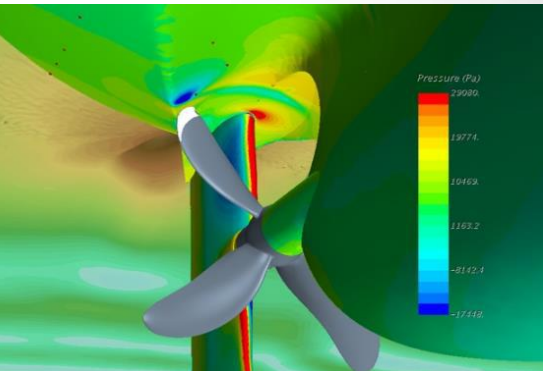
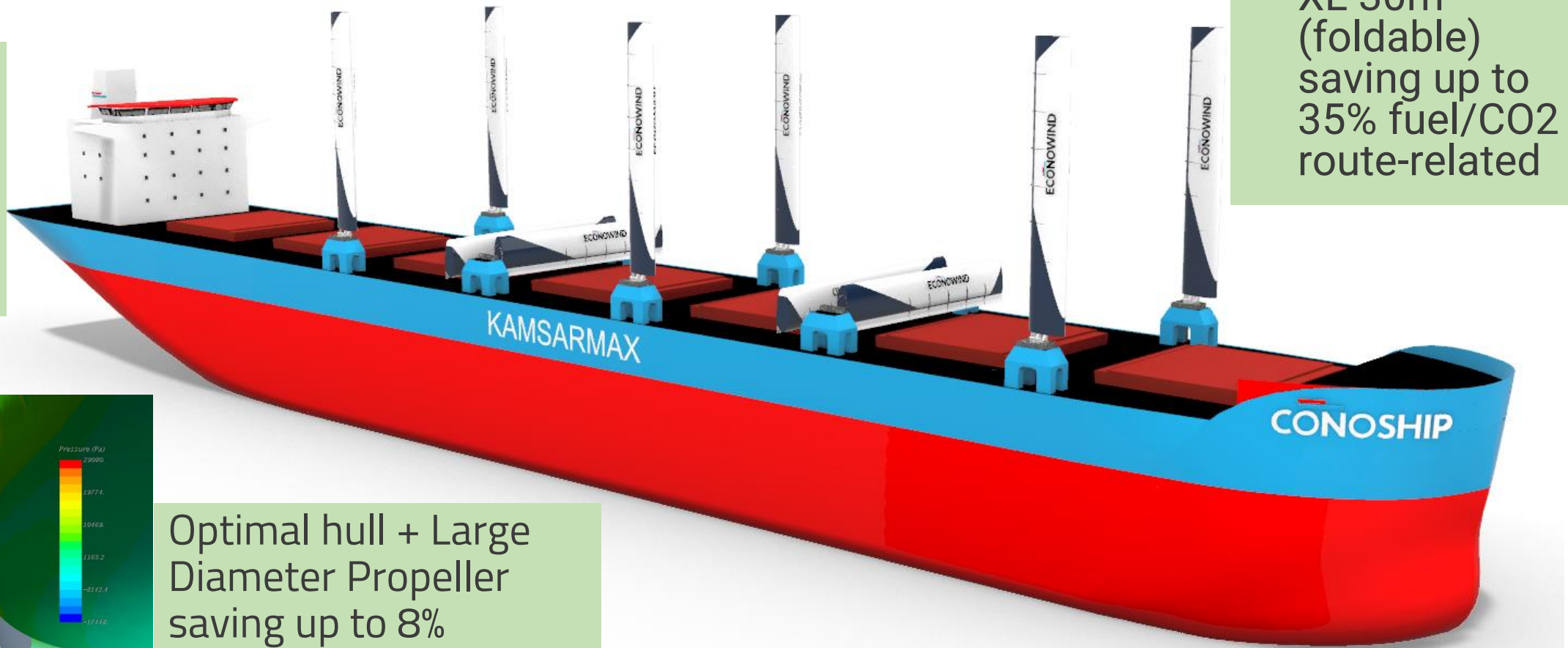
- 2 Lightweight 16m VentiFoils on new 3600 tdw design
- Hybrid electric propulsion
- Vertical in operation, folded down horizontal on hatchcovers in head wind



Hybrid: Wind & LNG & CO2 capturing

Hybrid:
Wind &
LNG or
Methanol
(CO2 capture)

10 VentiFoil
XL 30m
(foldable)
saving up to
35% fuel/CO2
route-related



Optimal hull + Large
Diameter Propeller
saving up to 8%



Thank you for your attention

- + Questions?
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