

Ecomondo 2021

# SEAWING by Airseas

The automated wing to power commercial ships



Co-funded by  
the European Union



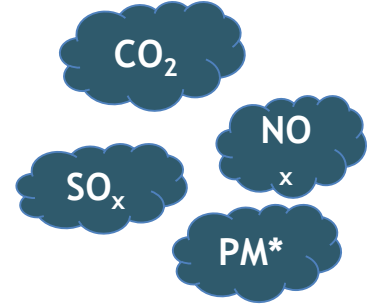
# THE CHALLENGE: PRESERVING THE ENVIRONMENT



-40% by 2030 / - 70% by 2050



Emission Trading System



Today,  
No zero-emission solution for deep sea shipping  
is mature enough

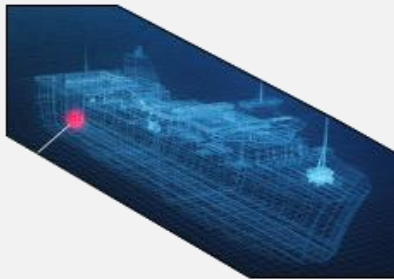
# SEAWING TECHNOLOGY

*More than a kite, an integrated solution*

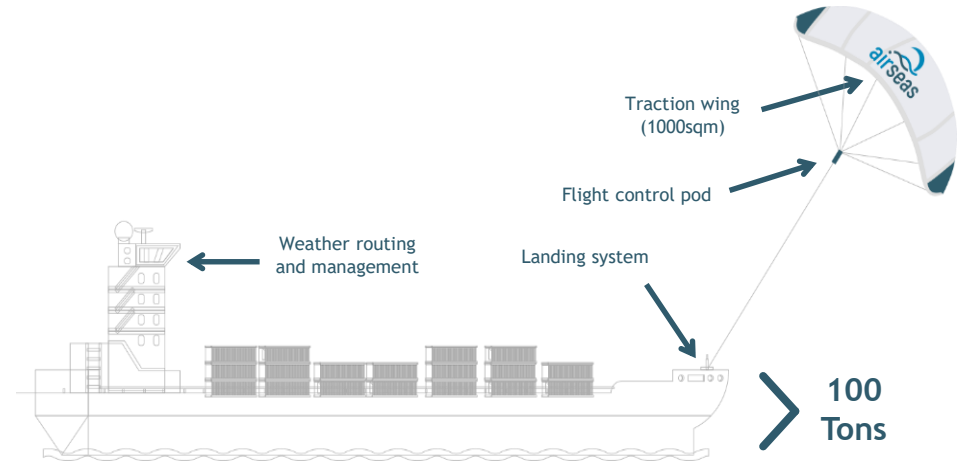
**1000m<sup>2</sup> KITE**

**100 % AUTOMATED**

**DIGITAL TWIN TECHNOLOGY**



*Model based design*



## A disruptive technology for a green transition

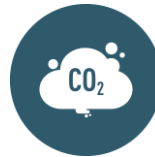
### SIMPLE

A push button solution  
Simple to retrofit and swap



### COST-CUTTING

20 % decrease in cargo  
shipping consumption and  
pollution emissions



### FUTURE PROOF

IMO\* 2030 compliant  
Enabling “2050 Technologies”



Serviceable Obtainable Market:

# 8500 VESSELS



Market Share Target

# 11%



# A DEMONSTRATED COMMERCIAL TRACTION



Airbus & Louis Dreyfus Armateur :  
1 Seawing



Kline : 2 Seawings  
Options for 50



Trans-Atlantic

~20%

Fuel savings



Japan-Australia

~20%

Fuel savings

ClassNK



# A team fueled with Passion

AIRSEAS : Ready to take off



## Key members

Vincent Bernatets - *CEO (ex- Airbus, Ericsson)*

David Politzer - *COO (ex- Safran, Thales)*

Benoit Gagnaire - *CTO (ex- Airbus)*

François Louis de Graeve - *CFO (ex- GE offshore, Alstom)*

Stéphanie Lesage - *General Counsel and Corporate Secretary  
(ex- Airbus, ATR, IDB)*

Romain Gibon - *Product Manager (ex- GE offshore, Alstom)*

Matthew Smith - *Commercial Director (ex- Enerpac offshore)*

**AIRSEAS at the heart of an Ecosystem and ready to scale up!**



**LET'S BUILD THE FUTURE OF SHIPPING TOGETHER**

