



# **Windfarms:**

Shipbuilders' thoughts on effective measures for dealing with the ambitious IMO GHG Strategy

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- ✓ **Yet personal**
- ✓ **Aims practical solution**
- ✓ **Culture change needed**

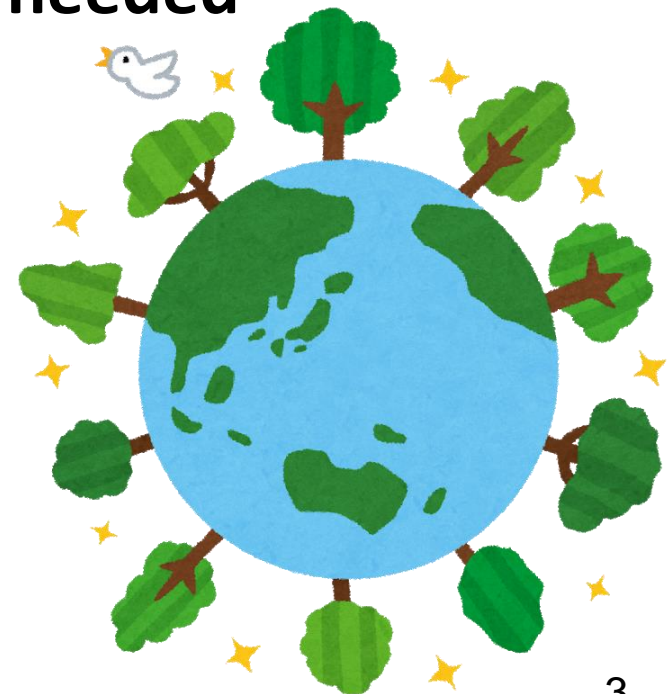


## General Observations

- ✓ Ambitious
- ✓ Hard task
- ✓ Limits on what can be done on ship/infrastructure must be in place
- ✓ Maturity of technology means more time needed

## So What to do?

- ✓ Do something already known
- ✓ Do not confine to On Board Solutions



## Why Windfarm?

- ✓ Shipyards can build
- ✓ Substantial saving for international joint venture
- ✓ Contributes to setting industry standards
- ✓ Diversification
- ✓ Electricity price stability

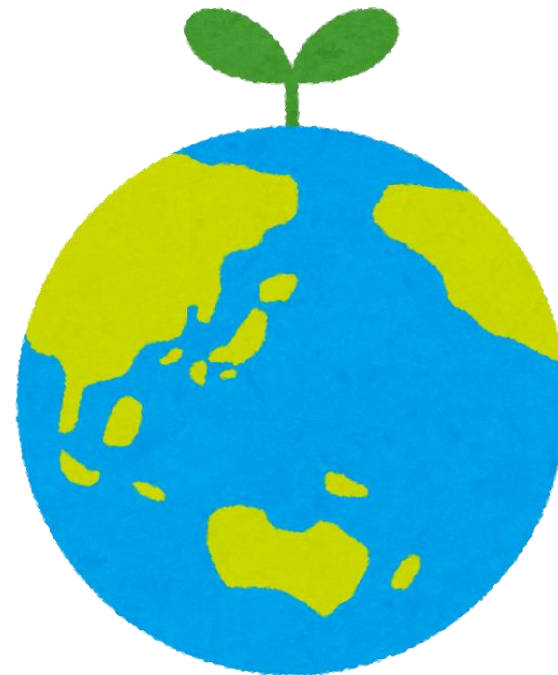
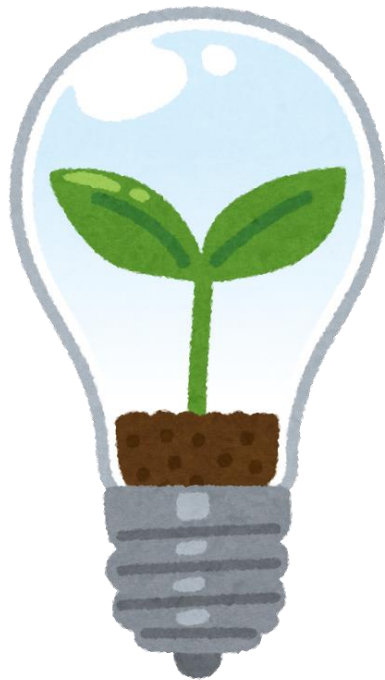


## Effect

- ✓ Carbon Credits – buy time for shipboard developments
- ✓ Over-capacity easing
- ✓ Model business case for similar attempts

# Challenges

- ✓ Electricity production costs vs other methods
- ✓ Sovereign risks need to be absorbed





*Thank you for your attention*

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