

# Membership case study: Bunge



Bunge Ocean Freight is managing/operating around 200 ships carrying large volumes of grains, oilseeds and other commodities.

**We recognize sustainability to be one of the key factors in ensuring Bunge's long-term success. We signed off the SSI Vision for 2040 on October 31st 2011 in London.**

## CONTEXT & OBJECTIVES

Since 2011, sustainability became part of our Ocean Freight strategy. We have been actively participating in the energy technology work-stream, and have made progress toward the SSI vision by implementing best practice to hire more energy efficiency vessels and by encouraging greater adoption of efficiency technologies among fleet owners. By reducing fuel consumption and costs, energy efficient vessels have a positive impact on our ocean transportation footprint. As one of the big dry bulk charterer, we believe we can play a leading role in driving higher global standards.

## SOLUTION

### For existing vessels:

- We are asking ship owners to guarantee slower speeds (as opposed to only full speed) in order to be able to run our vessels more economically, with reduced fuel consumption and lower emissions.
- Where possible, we are asking ship owners to upgrade their vessels with a retrofit technology i.e. new propeller, paint, eco appendices (Duck, Fins), engine upgrades (valves, blowers) to improve hydrodynamics and performance in general.

### For future/forward commitments:

We focus strategically on new "Eco" vessel with best in class specifications, and when not possible we focus on very modern/age tonnage only with very efficient specifications.

To measure the impact of our strategy we have put in place KPIs to measure vessel performance and the financial impact of running vessels on slower speed.

As of July 2013, we have 25% of our fleet running at eco speed and we are saving around 10,000 MT of bunkers YTD.

Since 2011, we have seen that our efforts are paying off as owners are becoming more inclined to guarantee eco speed performance. Nevertheless the figure of 25% of the fleet running at slow speed could be higher.

Going forward if we want to achieve the SSI vision for 2040 we need the industry to collaborate to create a global unique Emission Index so that industry players can take best informed decision. The industry needs to create a transparent mechanism that provides incentives to build and use the most fuel efficient ships.

**More information:**  
[www.bunge.com](http://www.bunge.com)