

Mitsui O.S.K. Lines, Ltd.



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<https://www.mol.co.jp/en/>

- Address : 1-1 Toranomom 2-chome, Minato-ku, Tokyo, Japan
- Employees : 1,099 (As of March 31, 2022)
- Established in : 1942
- Business : Shipping

Project Name

Safety study on the installation of wind-assisted propulsion "Rotor Sail" and other related equipment to an in-service Capesize Bulk Carrier for GHG emissions reduction (Brazil)

Cooperation with Local Companies

Vale SA, the world's leading mining company, will support this project by sharing their experienced knowledge of installation and operations of rotor sails.



Local Economic / Social Issues

- To achieve both the safe transportation of iron ore and GHG emissions reduction.
- To achieve IMO's goals : " to reduce carbon intensity of all ships by 40% by 2030, compared to 2008".

Details of Demonstration

- To establish the maintenance management framework of the equipment to be installed to the vessel.
- To complete the safety study and establish the framework of vessel's safe operation.

Expected Outcome in the future

- To achieve approximately 6-10% fuel and GHG emissions reductions.
- To promote the industry to consider the same or similar products which contributes the reduction of GHG emissions of shipping transportation.