

Operational Fuel Consumption Analysis

Identifying practical options for reducing your fuel costs

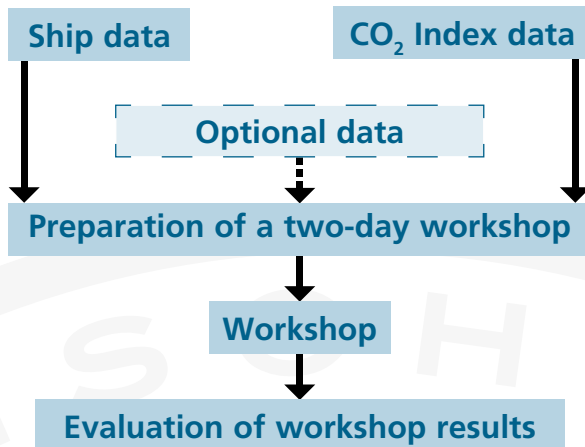
A GL FuelSaver consultancy service



Practical fuel saving measures that really pay

In these times of rising fuel prices you need options that you can implement immediately to increase the fuel efficiency of your ships. It is with this in mind that Germanischer Lloyd (GL) has introduced its Operational Fuel Consumption Analysis (OFCA). This mid-level consultancy service analyses your ship's CO₂ Index data, fuel and energy consuming systems and input from your ship's crew and fleet staff to provide a list of measures that can quickly lead to fuel savings and improved efficiency for your ship. No analysis would be complete, however, without a tool to prioritise these measures based on investment costs and potential savings.

Step by step to fuel savings

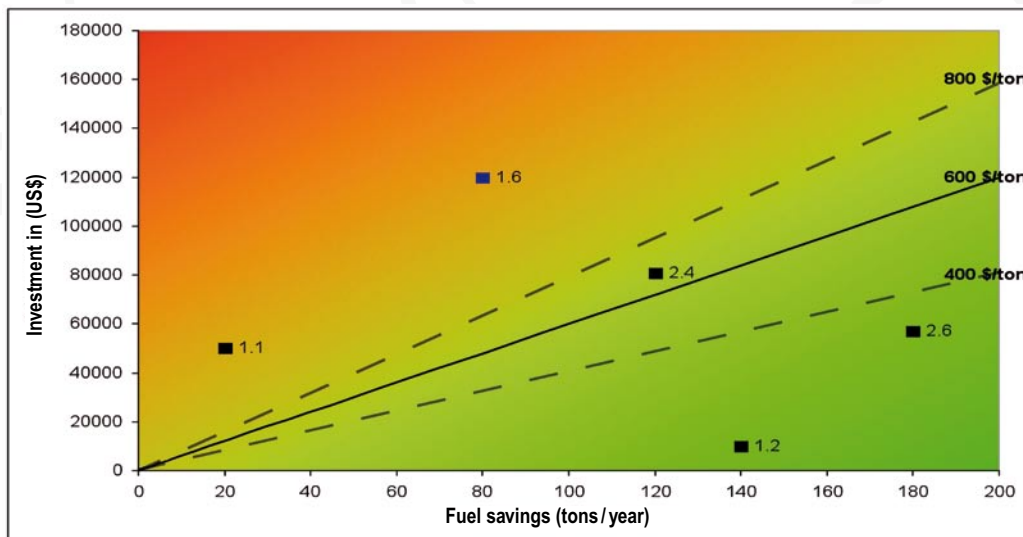


For GL-classed ships, GL will supply the **ship's systems data**. You supply the **CO₂ Index data** and other available voyage information, such as weather reports.

The core element of the OFCA service is a **two-day workshop** held at your premises for key crew members and fleet staff. The workshop consists of a presentation of CO₂ Index Data Analysis results and systems- and operations-oriented discussions based on pre-filled worksheets tailored to the specific vessel.

The results of the workshop are evaluated and presented in a detailed report. This includes a list of practical fuel efficiency improvement options. The estimated fuel savings and related

investment costs are presented for each improvement measure identified, and are compared to various fuel price scenarios (see diagram below). This allows you to quickly prioritise your fuel efficiency improvement options.



How you benefit

GL's OFCA service identifies the potential for improving fuel efficiency:

- Practical efficiency improvement options for immediate implementation
- Identified improvement options for control and automation processes and systems for existing ships
- Improvement potential for crew's operational behaviour
- Suggested options can be used as design improvements for newbuildings

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