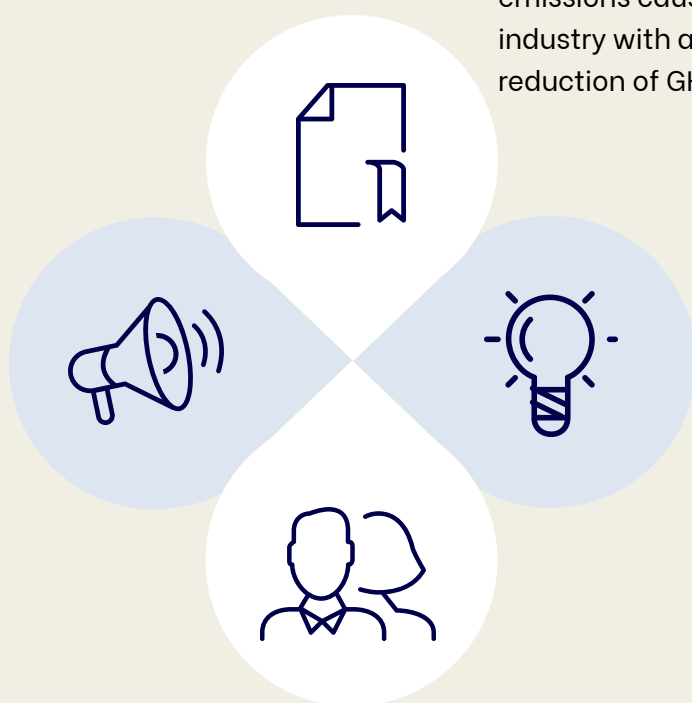# Wilhelmsen

Comply with EEXI and CII today!

Proposal for calculation and improving of EEXI and CII compliance requirements

IMO'S TARGET

International Maritime Organization decided on roadmap to reduce Green House Gas emissions caused by shipping industry with a goal of 50% total reduction of GHG by 2050.

MAJOR NEW COMPLIANCE BY 1ST JAN 2023

New short-term measures for GHG, EEXI (Existing Ship Energy Efficiency Index) and Carbon Intensity Indicator (CII by 1st January 2023

Type of Measure

This is technical measure and compliance will require one-time certification.

How can we help

Our team of technical experts are ready to assist owners in any options they chose to comply with the requirements.

EEXI

- To achieve compliance under EEXI requirement, ship will have to reduce emission of CO_2 either by installation of main **engine power limitation (EPL)** device, or by installation of energy saving devices which will increase efficiency of vessel.
- Another way of achieving compliance can be switching to lower carbon fuels like LNG.

CII

- Carbon Intensity Indicator (CII): CII is related to operation of the vessel and introduced to drive continuous improvement of efficiency in seaborn transport and will require ships to become more energy efficient every year.
- Under this part of regulation ships will be rated on yearly basis in categories A, B, C, D and E, with A being most efficient, and C being minimum level of compliance.
- Vessels rated D for 3 consecutive years or E on any year will have to present approved action plan to be in compliance.

Solution

- Wilhelmsen has partnered with an RO in performing calculations and do the documentation review.
- Our proposal is designed for Owners that have chosen to reduce ship emission of CO_2 by installation of main engine power limitation (EPL) device.
- For owners that choose alternative options other than EPL to meet EEXI requirements (e.g., energy saving devices), separate detailed calculations will need to be done due to complexity.
- Carbon Intensity Indicator (CII) assessment.

Wilhelmsen can assist

Wilhelmsen Ship Management's scope includes work related to document collection, follow up, co-operating with engine manufacturers on EPL, arranging surveys by class society of the vessel as required.
- Improving EEXI for non-compliant ships by installation of Engine Power Limitation (EPL) system
- Onboard Management Manual preparation

EEXI calculation and EEXI technical file preparation.

Carbon Intensity Indicator assessment based on IMO DCS reported data (rating of vessel)

Possible means of improvement of CII by both technical and operational means

Read more   Contact

Get in touch with WSM now and let us help you make the transition