



▶ REDUCTION OF GREENHOUSE GAS EMISSIONS FROM SHIPS

In 2018, the International Maritime Organization (IMO) adopted an **initial strategy** on the reduction of Greenhouse Gas (GHG) emissions from ships, setting out their **Vision**, which confirms the IMO's commitment to reducing and eventually phasing out GHG emissions from international shipping. The IMO's Vision also intends to support **United Nation's Sustainable Development Goals 13 (Climate Action)** and **14 (Life Below Water)**.

Shipping plays a major role in the transportation of goods across the world and forms the backbone of the world economy. Approximately 80% of global trade by volume is carried by sea. The Fourth IMO GHG Study 2020 estimates that the international shipping sector accounts for an estimated 2.89% of the global GHG emissions.

As per the initial strategy adopted, the IMO has set out 'Levels of Ambition' as below –

- Carbon intensity of the ship to decline through implementation of further phases of the Energy Efficiency Design Index (EEDI) for new ships - to review with the aim to strengthen the energy efficiency design requirements for ships with the percentage improvement for each phase to be determined for each ship type, as appropriate;
- Carbon intensity of international shipping to decline - to reduce CO2 emissions per transport work, as an average across international shipping, by at least 40% by 2030, pursuing efforts towards 70% by 2050, compared to 2008; and
- GHG emissions from international shipping to peak and decline - GHG emissions from international shipping to peak as soon as possible, followed by a reduction in the total annual GHG emissions by at least 50% by 2050 compared to 2008. Whilst also pursuing efforts towards phasing them out, as called for in the IMO's Vision as a point on a pathway of CO2 emissions reduction, which is consistent with the Paris Agreement temperature goals.

To assist Members with their efforts toward building a cleaner and greener shipping industry, and to navigate through the various industry measures being implemented, the Club has produced a series of articles below:

- [IMO-emissions-regulations advice](#)
- [Understanding exhaust gas emissions from ships](#)
- [Emission Trading System \(ETS\) in shipping](#)