

“MOL Group Environmental Vision 2.0”

Amidst growing momentum toward the prevention of global warming since the Paris Agreement came into effect, the International Maritime Organization (IMO) adopted its “strategy for reducing Greenhouse Gas (GHG)” in April, 2018, which comprehensively mandates a target to reduce GHG in international shipping, measures to achieve the target, and so on. This is the world’s first commitment as a single sector that sets a global target of zero GHG emissions in this century.

In place of its conventional “environmental Vision 2030,” MOL established the **“MOL Group Environmental Vision 2.0,”** which clarifies our commitment to achieving the IMO target.

[MOL Group Environmental Vision 2.0]

The MOL Group is committed to achieve sustainable **“Net Zero GHG Emissions”** through collective efforts with all capabilities.

Mid-to-
long-
term
target

Deploy commercial **“Net GHG Zero Emissions”** deep sea vessels by 2030.

Reduce total annual GHG emissions from the ships by **50% in 2050** compared to 2008.

Achieve **Net Zero GHG emissions** within this century, pursuing earlier.

“MOL Group Environmental Vision 2.0”

Previous reduction target set out in the “**Environmental Vision 2030**” (established in FY2017)

“The MOL Group targets reduction of GHG emissions per unit load by 25% by 2030 and by 50% by 2050 compared to fiscal year 2014” (efficiency improvement target).



New reduction targets set out in the “MOL Group Environmental Vision 2.0”

More in-depth, specific targets to steadily achieve the targets in the Paris Agreement and IMO GHG reduction target levels

Realization of “Net Zero Emissions” deep sea vessels	“Deploy commercial “Net GHG Zero Emissions” deep sea vessels by 2030.”
Total annual emissions target for 2050	“Reduce total annual GHG emissions from the ships by 50% in 2050 compared to 2008.”
Group-wide net zero target	“Achieve Net Zero GHG emissions within this century, pursuing earlier.”

“MOL Group Environmental Vision 2.0”

Initiatives to achieve targets set out in the Environmental Vision 2.0

Introduction of clean alternative fuels: Further promote LNG fuels and introduce next-generation zero emission fuels that will play the following major roles.

Introduction of energy-saving technologies: Equip vessel with hard sails under the “Wind Challenger” project; introduce other new technologies.

Boost operating efficiency: Improve fuel efficiency of existing vessels and reduce operational costs through real-time monitoring of operational status

Build business models that enable net zero: Actively take part in the establishment of regulations and rules through industry associations and related government ministries

Expansion of low-carbon businesses: Develop businesses in the next-generation fuel business domains such as hydrogen in addition to FSRUs, LNG-to-powership, and renewable energy

