

SUSTAINING THE SEAS WE SAIL

The Cruise Industry's Commitment to Protecting and Preserving the Environment



Sustainability lies at the heart of all we do. Every day, the global cruise industry is hard at work protecting and sustaining the environment through bold leadership, innovative stewardship, and strong strategic partnerships.

The global cruise industry has committed to reduce the rate of carbon emissions across the industry fleet 40 percent by 2030 over a 2008 baseline.

We embrace the International Maritime Organization (IMO)'s ambition for carbon-free shipping as soon as possible this century. Our commitment to reduce the rate of carbon emissions is the first step toward that goal.

CLIA Cruise Lines are pursuing emissions reductions through a host of ambitious goals and new innovations.

- Carnival Corporation & plc achieved its 25% carbon intensity reduction goal in 2017, three years ahead of its 2020 target date. Carnival Corp. & plc encompasses major brands including Carnival Cruise Line, Princess Cruises, Holland America Line, Seabourn, Cunard, AIDA Cruises, Costa Cruises, P&O Cruises and P&O Australia.
- Royal Caribbean Cruises Ltd. has committed to reduce the rate of carbon emissions by 35% by 2020. RCL encompasses major brands: Royal Caribbean International, Celebrity Cruises, Silversea, TUI Cruises, Pullmantur, and Azamara Club Cruises.
- Royal Caribbean Cruises Ltd is also working with the Swiss-Swedish leading power technology company ABB to develop and deploy the world's first fuel cell system, an emissions-free approach to electricity, on a luxury cruise ship.
- AIDA Cruises launched the first cruise ship to be fully powered by liquefied natural gas (LNG) in December 2018. It is the first of 25 LNG ships on order industry-wide.
- When possible, CLIA Cruise Lines use electric shore power when in port – significantly reducing ship emissions. The Port of Montreal recently invested more than \$11 million dollars to install shore power capabilities for wintering vessels and cruise ships with an expected reduction of 2,800 tonnes of greenhouse gas emissions per year.

What other industries do on land, we must do at sea – a challenge that requires constant innovation.

- CLIA Cruise Lines use advanced water treatment systems and never discharge untreated sewage at sea – a policy which exceeds international maritime regulations.
- Cruise ships recycle 60 percent more waste per person than the average person does on land. In fact, CLIA Cruise Lines recycle 80,000 tons of paper, plastic, aluminum and glass each year.
- Many cruise lines conserve water by capturing condensation and recycling it for uses such as deck washing, machine operations and laundry. Water-reduction technology, including sink aerators, reduced-flow dishwashers and low-consumption laundry also help conserve water.

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- 93% of the cruise industry has eliminated plastic straws or provides them only on demand.**
- Many CLIA Cruise Lines have made a commitment to reducing or eliminating single use plastics.
 - MSC Cruises replaced plastic straws with 100% compostable or biodegradable alternatives and has committed to replacing all single-use plastics with available alternatives by March 2019.
 - Silversea and Oceania produce water on board, eliminating the need for plastic water bottles.
 - Many CLIA Cruise Lines have moved away from single-use toiletries in staterooms.
- Waste cooking oil is typically strained to remove debris and then collected and brought ashore for recycling in the bio-diesel market where feasible.

No industry has a stronger interest in protecting the oceans we sail and the destinations we visit than the cruise industry. It is not simply our responsibility: operating sustainably is a business imperative.

To advance environmental sustainability, the global cruise industry has forged significant partnerships with global conservation groups and NGOs.

- Carnival Corporation has supported The Nature Conservancy's Mapping Ocean Wealth program since 2014. The program measures the benefits of ocean habitats, like coral reefs and mangroves, to local economies and promotes environmental conservation of these valuable resources.
- Seabourn's partnership with UNESCO promotes sustainable tourism at World Heritage sites. Seabourn provides guests with onboard educational talks by experts, offers guided tours of these sites, and coordinates financial support from the tours to UNESCO's World Heritage Fund.
- MSC Cruises has partnered with Marevivo, an Italian marine conservation association that works worldwide to advance sustainable development, biodiversity conservation and marine protected areas.
- Norwegian Cruise Line partnered with relief organization All Hands and Hearts to raise over \$2.5 million for hurricane recovery in the Caribbean,

supporting community relief efforts such as the rebuilding of pre and primary schools in Morne Prosper Village, Dominica.

- As part of their five-year partnership, Royal Caribbean Cruises Ltd. and the World Wildlife Fund are collaborating on campaigns to build greater passenger awareness about ocean conservation.
- CLIA joined the U.S. Wildlife Trafficking Alliance in 2017 to help ensure travelers recognize and avoid purchasing illegal wildlife product.

The cruise industry is committed to the health of the world's oceans, marine life, and marine environments.

CLIA Cruise Lines lead a range of efforts to sustain and improve ocean health, marine life, and marine environments.

- Norwegian Cruise Line is helping restore severely degraded coral reefs in the Great Stirrup Bay, Cayman Islands. Norwegian supports local efforts to grow reef fragments in nurseries which will help renew local reefs, and is working with researchers to collect crucial data and implement proven restoration techniques.
- In 2018, Silversea launched a partnership with ORCA, one of the UK's leading marine conservation charities. Silversea is assisting ORCA by helping them collect critical sightings data of whales, dolphins, and porpoises.
- Holland America Line teamed up with NOAA and the University of Alaska Southeast to offer guests a unique experience to view humpback whales and other wildlife aboard small research vessels. While guests gain an understanding of the local wildlife from guides, plankton samples, feeding patterns, and other data is collected and used to further the organizations' understanding of the species and habitat.
- Royal Caribbean, in partnership with WWF, conducted Fishery Improvement Projects in Peru and Ecuador, establishing better standards for mahi-mahi fishing in the region, and helping these communities achieve Marine Stewardship Council certification.

* In the U.S.

** By capacity for fleets with greater than 2,000 cabins.