



Sustainability at CARNIVAL CORPORATION & PLC



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Sustainability Director

Our entire management team, including our Boards of Directors, is committed to addressing climate change and defining our path to decarbonization. We are also pleased to report that we have achieved the remaining three environmental targets within our 2020 sustainability goals in 2019, and achieved our carbon reduction goal in 2017. As such, we have accomplished all our numerical sustainability 2020 targets ahead of schedule in 2019 and have committed to new goals that will carry us beyond 2020:

- Committed to a new goal to reduce the intensity of CO₂e (carbon dioxide equivalent) emissions from our operations by 40% by 2030 relative to our 2008 baseline, measured in grams of CO₂e per ALB-km.
- Continued to pioneer the use of LNG in the cruise industry by introducing Carnival Corporation & plc’s second 100% LNG-powered ship, Costa Smeralda, and having nine new LNG ships on order between 2020 through 2025.
- Continued the installation and retrofitting of our fleet with Advanced Air Quality Systems (AAQS), which reduce sulfur and particulate matter from our engine exhaust with over 77% of our fleet already equipped.
- Supporting new technologies and installation of a lithium-ion battery storage system on board as well as forming a joint venture project to develop a decentralized energy network and a hybrid energy system by using a new generation of fuel cells.
- Reducing all non-essential single-use items, including plastics, on board our ships by 50% by the end of 2021.
- Committing to a food waste reduction goal across our entire fleet by 10% by the end of 2021.
- Continuing to implement programs that support our diverse and inclusive workforce.

These new goals are part of our initial 2030 sustainability goals, which are in alignment with the United Nations (UN) Agenda 2030. The agenda follows recognized frameworks such as the UN Guiding Principles on Business and Human Rights, the UN Sustainable Development Goals (SDGs) and the Paris Agreement on climate change. As members of the maritime industry, our new goals are also in alignment with the requirements of the International Maritime Organization (IMO).



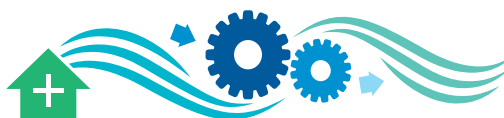
2020 SUSTAINABILITY GOALS

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CARBON FOOTPRINT

Reduce the intensity of CO₂e (carbon dioxide equivalent) emissions from our operations by 25% by 2020 relative to our 2005 baseline, measured in grams of CO₂e per ALB-km.



ADVANCED AIR QUALITY SYSTEMS

Continue to improve the quality of our emissions into the air by developing, deploying, and operating Advanced Air Quality Systems across the fleet capable of reducing sulfur compounds and particulate matter from our ship's engine exhaust.

AWWTS TECHNOLOGY

Increase Advanced Waste Water Treatment System (AWWTS) coverage of our fleetwide capacity by 10 percentage points by 2020 relative to our 2014 baseline.



COLD IRONING CAPACITY

Increase cold ironing coverage of our fleetwide capacity in relation to future port capabilities.



WASTE REDUCTION

Continue to reduce waste generated by our shipboard operations by 5% by 2020 relative to our 2016 baseline*, as measured by kilograms of non-recycled waste per person per day.



WATER EFFICIENCY

Continue to improve water use efficiency of our shipboard operations by 5% by 2020 relative to our 2010 baseline, as measured by liters per person per day.



DIVERSITY & ETHICS



Continue to build a diverse and inclusive workforce and provide all employees with a positive work environment and opportunities to build a rewarding career to further drive employee engagement.



GUEST AND CREWMEMBER HEALTH, SAFETY & SECURITY

Striving to be free of injuries, we continue to build on our commitment to protect the health, safety and security of our guests, employees and all others working on our behalf.



BUSINESS PARTNER CODE OF CONDUCT AND ETHICS

Further develop and implement vendor assurance procedures ensuring compliance with Carnival Corporation & plc's Business Partner Code of Conduct and Ethics.



OUR COMMUNITY

Continue to work on initiatives and partnerships that support and sponsor a broad range of organizations for the benefit of our local and global communities throughout our brand.



*Based on new waste management accounting practices, the baseline has been revised to 2016

2020 GOALS AND BEYOND - 2019 UPDATE

CARBON FOOTPRINT



- Made more progress on our 2020 goal and achieved a 29.1% reduction relative to our 2005 baseline.
- Committed to a new goal to reduce the intensity of CO₂e (carbon dioxide equivalent) emissions from our operations by 40% by 2030 relative to our 2008 baseline, measured in grams of CO₂e per ALB-km. In 2019, we achieved a 24.8% reduction.
- Delivered the second cruise ship in the world to be powered by liquefied natural gas (LNG) both at sea and in port.
- First cruise company to join The Getting to Zero Coalition for decarbonization.
- Invested in fuel-cell technology.
- Invested in battery technology.
- Received Greenest Shipowner of the Year Neptune Award.
- Received Germany's Blue Angel award for AIDAnova's environmentally-friendly ship design.

ADVANCED AIR QUALITY SYSTEMS



- 77% of fleet equipped with Advanced Air Quality Systems.
- 236 engines equipped with Advanced Air Quality Systems.
- Developed a [public website](#) dedicated to Advanced Air Quality Systems updates.

AWWTS TECHNOLOGY



- Reached our goal by achieving a 10.3 percentage points in our Advanced Waste Water Treatment System (AWWTS) coverage of fleetwide capacity relative to our 2014 baseline.

COLD IRONING CAPACITY



- 47 ships equipped with the ability to utilize cold ironing/shore power technology.
- We connected to 12 cruise ports equipped with cold ironing technology globally.

WATER EFFICIENCY



- Surpassed our goal by achieving an 8.7% reduction relative to our 2010 baseline.
- Further improved our water efficiency by supplying 82% of our water needs from the ocean and purchasing only 18% at designated ports.

BUSINESS PARTNER CODE OF CONDUCT AND ETHICS



- Committed to further our commitment to human rights by developing a human rights policy in 2020.
- Completed 100% of animal welfare audits for tour encounters offering dog sledding in Alaska.
- Completed more than 50% of animal welfare audits for tour encounters with dolphins in captivity between FY2018 and FY2019.

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WASTE REDUCTION



- Reached our goal by achieving a 5.6% reduction in our waste rate relative to our 2016 baseline.
- Committed to a new food waste reduction goal of 10% across our entire fleet by the end of 2021.
- Committed to a new goal to reduce all non-essential single-use items, including plastics, on board our ships by 50% by the end of 2021.
- Completed Phase I of single-use items and plastic program by eliminating or replacing straws, cups, lids, stir sticks, cocktail picks, toothpicks, butter foils, and plastic shopping bags with sustainable alternatives.
- Installed additional food waste digesters throughout the fleet.

GUEST AND CREWMEMBER HEALTH, SAFETY & SECURITY



- Continued to implement a series of initiatives to prevent guest and crew injuries.
- Continued to enhance our health and safety procedures.
- Completed the implementation of active assailant program.
- Carnival Corporation & plc - CSMART Academy received the SAFTEY4SEA training award for the 2nd consecutive year.

DIVERSITY AND ETHICS



- Continued to build a diverse and inclusive workforce.
- Recognized by Newsweek's first ranking of America's Most Responsible Companies.
- Recognized as one of America's Best Large Employers and America's Best Employer for Diversity by *Forbes Magazine*.
- Recognized by *Corporate Responsibility Magazine* 100 Best Corporate Citizen.
- Earned a perfect score of 100 for the 3rd consecutive year from the Human Rights Campaign (HRC), the leading LGBTQ in the U.S.
- Continued to work with Catalyst, the leading U.S. nonprofit with a mission to expand opportunities for women.
- Costa Cruises hosted the World Maritime Day "Empowering Women in the Maritime Community" event.
- Carnival UK became a Value 500 member, an organization committed to putting disability and inclusion on business leadership agenda.

OUR COMMUNITY



- Pledged up to \$2 million for Hurricane Dorian relief efforts in The Bahamas.
- Signed a memorandum of understanding with The Bahamian government to rebuild the main hospital impacted after Hurricane Dorian.
- Continued with the 2018 Caribbean Region Support Efforts program.
- Committed to build a new port destination in The Bahamas.
- Carnival Cruise Line expanded operations to Long Beach, California as a new home port.
- Costa Cruises donated more than €100,000 to the port of Venice Foundation after the 2019 flooding.
- Costa Cruises partnered with Ferrero/Kinder Joy of Moving to promote motoric skills and the cognitive, emotional and relational development of children.



AIDA



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