

Green Boats and Ports for Blue Waters III Workshop April 5-6 2016



Carnival Corporation

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- Carnival Corporation & plc is the largest cruise company in the world, with a portfolio of cruise brands in North America, Europe, Australia, and Asia.
- Together, these brands operate 100 ships:
 - 212,000 lower berths
 - 10 new ships scheduled to be delivered by 2018.





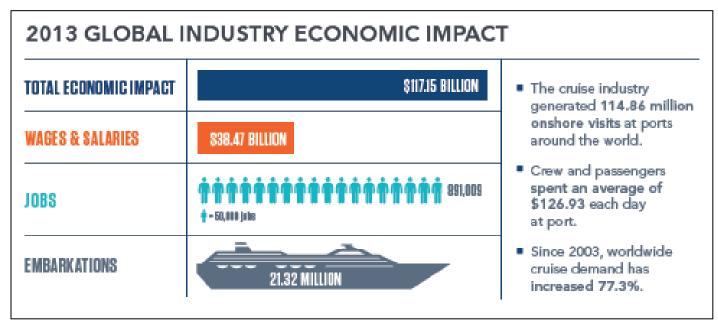


- Carnival Cruise Lines operates 24 ships within the Carnival Corporation & plc fleet
- Visiting over 100 ports of call every week in North America, Latin America, the Caribbean, and Australia
- 2015 (approx):
 - 4,350,923 guests
 - 34,697 crew





CRUISE INDUSTRY



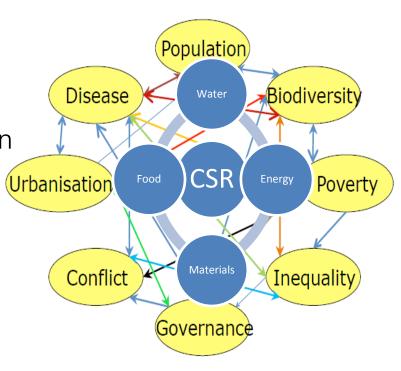
Source; Cruise Lines International Association (CLIA) Cruise forward, Economic Impacts. http://www.cruiseforward.org/impact/economic/infographic-economic-impact





- Societies' progress:
 - Stagnation or progress is based on local or regional economy
- Cruise Ship economic activities have an impact on social progress in Countries/Port visited:
 - Large impact in home ports and small islands
- Environmental aspects of Corporate Social Responsibility:
 - Cruise ship activities and Social responsibility







As we are the Largest Cruise Company in the World, we have tremendous environmental responsibility and a strong commitment to Corporate Social Responsibility (CSR)





CHARITABLE DONATIONS

Assist communities in need.









Natural Disaster Relief Repurposed

- Clothing
 - FF&E

Over 200 Donations in 2014 Youth Aid

- -Orphanage supplies
- -Scholarships

Monetary Cash Donations





PORT BENEFITS

Contributing billions of dollars to local economies and small businesses











Travel to and from the ship

- Crew
- Guests

Guest Offerings

- Shore Excursions
- Souvenirs

Goods and Services

- Food
- Fuel

Infrastructure

- Terminals
 - Ships

Services

- Dry Docks
 - Waste vendors

Economic activities have a positive social impact







VOLUNTEERING

Carnival Employees volunteer their time to support local communities



Environmental

- Shoreline clean

Ups
Over 3000 lbs. saved from
the ocean



Humanitarian

- Serving food at homeless shelters



Fundraising

- For special causes







ENVIRONMENT

Minimizing operational impacts on ports of call











Biodiversity

Climate Change Energy

Water

Waste



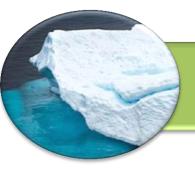


Biodiversity

- Ship Speed:
 - Whale strike zones
- Invasive species control:
 - Ballast water discharge only when necessary
- Select anchor positions to protect coral reefs:
 - Tourism
 - Food supply
- Follow internally-mandated wastewater discharge limits that are more stringent than standard international limits to protect surrounding waters.
 - Black water outside 12nm (MARPOL 3nm)
 - Treated bilge water outside 12nm (MARPOL en route)





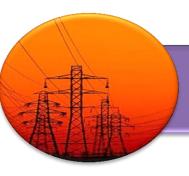


Climate Change

- Limit use of incinerators
- Ozone Depletion Substances (Freon)
- Exhaust Gas Cleaning System
 - Human health
 - Air quality







Energy

- Shore power utilization to reduce engine run time
 - Human health
 - Air quality







Water

- Increase onboard fresh water production to reduce bunkering in small islands
 - Limited fresh water availability







Waste

- Cruise ships generate large amounts of waste that small islands do not have the infrastructure or land resources to treat/handle.
 - CCL ships only offload their waste in these islands if there is an emergency situation.
- Only dispose of hazardous waste in the U.S. because there are strict regulations to ensure vendors dispose the waste properly.







CCL FUTURE FOCUS

- Charitable Donations:
 - Continue to increase the amount of monetary and in-kind donations to local organizations
- Streamline purchasing decisions:
 - Sustainable Sea Food (in conjunction with Carnival Corporation)
- Sustainable Shore Excursions
 - Vendor criteria and ranking to be developed (in conjunction with Carnival Corporation)













