



Carnival: From Environmental Management to Sustainability

Carnival's environmental and sustainability management system leads to GHG reporting and international recognition. Five Winds and PE INTERNATIONAL help Carnival connect the dots.

Carnival's Challenge

Carnival Corporation & plc, a global cruise company and one of the largest vacation companies in the world, wished to demonstrate its environmental leadership by improving its internal processes for sustainability data collection and reporting. Carnival also wanted to measure its continual improvement progress across seven of its Operating Lines.

Our Solution

EMS Implementation and Certification

Working with Five Winds International since 2005, Carnival developed and implemented Environmental Management Systems (EMS) within all of its Operating Lines. In 2006, seven of these Operating Lines became certified to the ISO 14001 standard, an international EMS standard that aims to help organizations minimize their negative impact on the environment. Specifically, an EMS helps companies measure and monitor, as they outline the data that should be collected, analyzed, stored, and reported.

Sustainability Management and Reporting

In 2009, Carnival selected PE INTERNATIONAL's SoFi software solution as a means to capture and analyze its sustainability performance data.

Client Statement



»Five Winds and PE INTERNATIONAL are bringing specialized consulting expertise and versatile software solutions to the table. Their deep experience in implementing management systems within large, complex, multi-national organizations under tight deadlines with multiple business requirements has sped up our progress in environmental sustainability tremendously.«

James R. Van Langen, VP Management Systems, Maritime Policy & Compliance at Carnival Corporation & plc

- SoFi spanned all relevant environmental metrics, including energy use, water consumption, waste disposal, and emissions of greenhouse gases, ozone depleting substances, NOx and SOx;
- SoFi allowed for analysis of social performance indicators including labor, human rights, society, product responsibility and occupational health and safety metrics;
- SoFi enabled user-friendly data collection across the Operating Lines and ensured effective management of all units of the company.



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Carnival's Benefits

Maintaining Environmental Standards

Carnival Corporation & plc has positioned itself as a leader in environmental responsibility by effectively and efficiently measuring and managing environmental indicators to ensure its environmental standards are maintained and expanded.

Engaging Employees

Each EMS coupled with the SoFi software solution helps Carnival's employees to understand their specific roles and responsibilities for achieving the company's environmental goals and includes procedures for controlling data and information flow.

Reporting to Stakeholders

Carnival Corporation & plc's EMS implementation across its Operating Lines and the SoFi software solution have provided a strong foundation for its current approach to sustainability reporting:

- **Carbon Disclosure Project:** Carnival has responded to the Carbon Disclosure Project (CDP) four years in a row. Carnival has been named to the Carbon Disclosure Leadership Index (CDLI) for 2008 and 2009. The CDLI is a ranking applied to companies responding to the Investor CDP questionnaire.
- **FTSE4Good Index:** In 2010, Carnival was again confirmed in the FTSE4Good Index which it has been a member of almost since the inception of the index.

Carnival's Solution in brief:

Customer Industry & Headquarters:

Travel & Logistics, United States

Scope:

ISO 14001 certified EMS; global sustainability data management and reporting

Number of Sites included:

7 Operating Lines and 100 facilities

Services & Solutions:

Environmental Management Consulting & SoFi software solution

Benefits:

Efficient management of sustainability indicators; continual improvement and employee engagement; leading sustainability reporting

About Carnival's Approach to Sustainability

Carnival has long been committed to high standards of environmental compliance and performance for its Operating Lines, which include Carnival Cruise Lines, Holland America Line, Princess Cruises, and Seabourn Cruise Line in North America; Carnival U.K. in the United Kingdom; AIDA in Germany; Costa Cruises in Southern Europe and China; and Iberocruceros in Spain. The company formed a Corporate Environmental Compliance Department in 2002, which was subsequently expanded in 2006 to form the Corporate Maritime Policy & Compliance Department (MP&C). MP&C provides a common, integrated approach to management of Health, Environmental, Safety and Security matters, and reports to the Board of Directors on such matters. More recently, Carnival has begun to broaden the scope of its transparency to include public sustainability reporting.



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