

Sustainability

Improving the quality of our air emissions



Advanced Air Quality Systems



Liquefied Natural Gas

I started in the marine industry in 1995 and since then the attention on air emissions has increased significantly. Today protecting the environment is a global priority and a primary focus for the maritime sector.

In 2010 the International Maritime Organisation (IMO) introduced sulfur emission limits for the marine industry. In early 2012, Carnival Corporation & plc led the way in developing the technology to address these environmental improvements and Carnival UK were the forerunners for research and development of solutions. To date we've made significant investment with over 262 advanced air quality systems (AAQS) installed across the Corporate fleet. Carnival UK currently has 28 AAQS fitted across our fleet with additional installations planned for best possible coverage.



James Tyrell
TECNICAL MANAGER

In 2020 we brought P&O Cruises Iona into service, the third ship in the Corporate fleet to run on LNG. Carnival Corporation & plc has pioneered the use of LNG in the cruise industry and we are continuing to expand our investments in LNG as the marine industry's most advanced fuel today.

I'm proud that we're leading the global advancement of LNG as an alternative fuel source for the cruise industry. As the cleanest fuel available today it delivers significant emissions reductions – zero sulphur dioxide, major reduction in nitrogen oxides as well as reducing carbon emissions. It's an innovation that supports our path to decarbonisation and will help us to achieve our sustainability goals by reducing our total green house gas emissions. We're continuing this journey with a second LNG powered ship for P&O Cruises, Arvia, arriving in 2022 which will be the seventh in the Corporate fleet.



Stuart Carpenter
LNG PROJECT DIRECTOR