

MSC WORLD EUROPA

The future of cruising

Imagine the future of cruising with the new revolutionary MSC World Europa, the first ship in the trailblazing World Class fleet. Powered by Liquefied Natural Gas (LNG), one of the world's cleanest marine fuels at scale, MSC World Europa symbolises the beginning of a new era of cruising.

This unique prototype features a ground-breaking design with optimal efficiency and environmental benefits, bringing MSC Cruises one step further to its goal, to build zero emissions ships.



LNG FUEL

MSC World Europa is the first ship in MSC Cruises' fleet to be powered by Liquefied Natural Gas (LNG), currently the cleanest and most efficient fuel commercially available at the scale we need reducing sulphur oxides (SOx) emissions by 99% and nitrogen oxides (NOx) emissions up to 85% while also helping to reduce CO₂ emissions by 25% compared to standard marine fuels



SELECTIVE CATALYTIC REDUCTION SYSTEM (SCR)

The SCR enables further reduction of NOx through active emissions control technology



HYDRODYNAMICS

Optimised hull design and latest generation azipods and propellers



ANTI-FOULING PAINTS

The hulls of all MSC Cruises' ships are coated with special environmentally friendly paints which impede the growth of barnacles, algae and marine organisms to reduce drag significantly



ENERGY-EFFICIENT*

28% less fuel and 255 kg less CO₂ per guest per cruise



ADVANCED WASTEWATER TREATMENT

The system treats wastewater to a very high quality that is of a better standard than most shoreside municipal waste standards around the world



LED LIGHTING

Energy efficient LED and fluorescent lighting is used throughout the ship



SHORE-TO-SHIP POWER

Ready to connect to local power grid to reduce emissions whilst in port



ADVANCED WASTE MANAGEMENT

Comprehensive systems to reduce, recycle and reuse all waste generated on board



SMART HEATING, VENTILATION AND AIR CONDITIONING SYSTEM

Heat recovery systems allows the intelligent redistribution of heat and cold from the laundry room and machinery spaces to warm up the swimming pools or other parts of the ship



TRIM OPTIMISATION

The monitoring of the ship's stability allows the crew to keep the vessel's trim optimised to reduce fuel consumption and optimise performance



BALLAST WATER TREATMENT SYSTEM

A system to avoid introducing invading species through ballast water



*compared to Fantasia Class ships