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 available at scale, MSC World Europa symbolises the beginning of a new era of cruising. This unique prototype features a ground-breaking design to optimise efficiency, reduce environmental impact and bring MSC Cruises one step further to its goal, to achieve net zero emissions by 2050.

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 CO_2 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

UNDERWATER RADIATED NOISE CONTROL
Optimised hull design and latest generation of propellers to decrease resistance through the water and reduce underwater noise

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
Estimated to perform 47% better than the required regulations
(Energy Efficiency Design Index)

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

MSC