



# ENERGY MANAGEMENT



**SHORE POWER CAPABLE**  
to plug into local power grids, when available



**SELECTIVE CATALYTIC REDUCTION (SCR)** systems reduce more than 90% of nitrogen oxides



**NEXT-GENERATION DUAL-FUEL ENGINES**  
with the ability to use liquefied natural gas (LNG) and biofuels



**WASTE HEAT CAPTURE**  
harnesses and repurposes excess engine heat



**AI-BASED TECHNOLOGIES**  
optimize the ship's routes and operational systems to maximum efficiency



**AIR LUBRICATION**  
system's microscopic bubbles coat the hull to reduce friction

# WATER MANAGEMENT



**WASTEWATER TREATMENT SYSTEM**  
treats every drop of water above regulatory standards



**100%**  
of fresh water is produced on board via a reverse osmosis/desalination plant



**BALLAST WATER TREATMENT**  
prevents non-native species from being transferred from port to port



The ship's **ENVIRONMENTAL OFFICER** tests the water on board daily and oversees all initiatives and training

# WASTE MANAGEMENT



**LANDFILL FREE**  
The Green Hub program partners with local waste vendors to divert waste from landfills



**STATE-OF-THE-ART WASTE MANAGEMENT ROOM**  
is fully equipped to manage the single-stream recycling process



**WIN ON WASTE**  
reduces food waste using a custom-built app and dedicated team on board