



SCENIC
GROUP



A Sustainable Future

EMERALD
CRUISES

SCENIC^o
LUXURY CRUISES & TOURS

evergreen
CRUISES & TOURS

Mayflower
CRUISES & TOURS

Our commitment to a sustainable future

At Scenic Group, we are committed to environmentally responsible tourism and protecting the places we visit. In 2019, we developed and launched our sustainability ethos, Cherish the Planet.

Our aim is to reduce our environmental impact and to ensure that collectively, we build a sustainable way of operating and conducting business.

We want to ensure that we can continue to offer our guests amazing experiences to explore all the natural beauty this planet has to offer.

These six goals have been created to align with the United Nations Sustainable Development Goals 'SDGs', a blueprint to achieve a more sustainable future for all.



1. Leaving No Waste Print

2. Rebalancing of CO₂ Emissions

3. Sourcing Sustainably

4. Growing With Communities

5. Grow From Within - Value Diversity

6. Advocate Health, Safety & Security



1. Leaving No Waste Print

Our aim is to reduce our waste print on our ships, in our global offices, and with our suppliers.

We aim to:

- Eliminate single use guest plastic across all Scenic Group ships and within all our global offices, including plastic drink bottles, bathroom amenities & plastic straws.
- Implement supplier codes to eliminate or reduce single use plastics associated with packaging, including ship and office deliveries. Maximise reuse and recycle principles.
- Minimise use of printed materials across all ships and offices, and replace with electronic alternatives when practical.
- Reduce net water consumption per guest by exploring implementation of low-flow shower heads, and water reduction technologies in galley and housekeeping departments.



2. Rebalancing of CO₂ Emissions

We will continue to concentrate our efforts on minimising our impact, by investing in viable technologies in our ship construction and operation. We will engage in practices and causes aligned to rebalancing emissions toward the global goal of carbon neutrality.

We aim to:

- Work with an independent third party to accurately and transparently measure our emissions across the Scenic Group, accepting and appreciating that this is a complex and ever-evolving matter.

Achievements

- We use the lowest sulphur grade fuel on our ocean vessels which produces up to 95% less sulphur emissions than heavy grade fuels.
- Scenic Group has implemented a range of technologies, in both designs and builds, to reduce emissions. And future exploration will continue around retrofitting existing vessels or incorporation into future builds.



3. Sourcing Sustainably & Locally

Sustainable procurement guidelines that establish a standard of compliance and encourages behaviours and practices that align with Cherish the Planet is a goal we are firmly focused on. The guidelines will be applicable to all our suppliers, services, product and sourced raw materials across our journeys, programs and offices.

We aim to:

- Reduce Packaging. Our sustainable procurement guidelines will establish a minimum requirement for the reduction in packaging, with all packaging made from recycled materials or have the ability to be recycled and reused.
- Procure Sustainable Seafood. Sustainable seafood is seafood that reaches our plates with minimal impact on fish populations and the marine environment.
- Buy Local & Support Local Communities. Establish local procurement guidelines that allow for local communities to benefit from tours and programs. Establish a paddock-to-plate philosophy on all tours and programs.



4. Growing Our Communities

Scenic Group is proud of the positive associations that we have built within communities all around the world. We want to further build on existing relationships with local communities, governments and tourism authorities that are beneficial for all parties.

Achievements

- Provision of clean running water to the Chiro village in Kampong Cham Province Cambodia.
- The construction of sanitation blocks in Yandabo village along the Irrawaddy River.
- Ongoing support of a Kenyan primary school run by an Australian family and its regular community work
- Mindful support with food, health supplies and clothing to monasteries and temples we visit, which are rotated between groups to ensure the benefits are spread through the various provinces.

We aim to:

- To always leave a positive footprint. We want every itinerary to contain at least one Cherish the Planet touring inclusion. Cherish the Planet inclusions will be centred around key criteria such as being carbon conscious; encouraging cultural interaction; ensuring local benefits to communities and regions we visit; support of certified not-for-profits and charities; and promotion of sustainable ways of living.



5. Grow from Within and Value Diversity

At Scenic Group, we value diversity. We see it as a strength to have different perspectives and believe it helps us find the best solutions and services for our guests. And we treat all crew and all employees equally, independent of gender, sexual orientation, age, race or religion.



We aim to:

- Facilitation of programs which enhance personal development. Clear career paths for all employees of Scenic Group.
- Further improve opportunities for our staff and crew to learn and grow, through assignments, hands on critical experiences and e-training courses. We seek to foster talent and fulfill management positions from within.
- Continue our focus on equality. We encourage all our staff to respect and protect the principles of fairness, dignity, diversity and respect for all those we work with. No person should experience discrimination based on their gender, sexual orientation, age, race or religion.

6. Advocate Health, Safety & Security

We want every member of staff to be fully immersed in Cherish the Planet's policies, objectives and targets. And to ensure this, Scenic Group staff will complete extensive training. This will create an engaging workplace, that supports the wellbeing of our staff. And will ensure health and safety is prioritised.

We aim to:

- Improve education and awareness on providing an environment and culture where the health, safety and security of our guests, crew and staff is our priority.
- Create a safe, secure, and healthy environment where our guests can truly immerse themselves into the experience and destination.
- Implement initiatives that aim to improve physical wellbeing, work life balance and healthy living of our staff and crew.
- Develop our people from within by creating opportunities for training and promotion.
- Establish an approved chemicals list for use across all vessels and offices and implement mandatory chemical training.



Scenic Eclipse – Discovery Yacht

Scenic Eclipse was designed and built to meet or exceed all current and expected environmental standards.

The vessel is equipped with the latest technology and is managed in accordance with best practices ensuring all processes have minimal environmental impacts. Scenic Eclipse is certified Polar Class 6-designed and built to the latest uncompromising standards for ships operating in polar waters.



ADVANCED PROPULSION SYSTEM

Minimises noise and vibration to reduce disturbance to marine life. Improved maneuverability, reduced fuel consumption.



DYNAMIC POSITIONING

Allows the ship to maintain position without the use of an anchor thus protecting the sea floor.



WASTEWATER

Wastewater is treated before being discharged.



BALLAST WATER TREATMENT

Ensures no invasive species are on board or discharged.



WASTE MANAGEMENT

Separate waste. Zero solid discharge.



ADVANCED HVAC SYSTEMS

Systems extract external air to treat and filter before it is delivered through the ship then extracted with no recirculation.



FUEL

Lightest grade of marine fuel reducing sulphur emissions by up to 95%



MARINE & TECHNICAL

- Advanced HVAC systems ensure there is no re-circulation of inside air on board the ship. Outside air is channeled directly to your suite and public spaces before being extracted and released outside. Variable speed fans, based on collected and analysed data, such as outside air temperature and CO² values, are used to automate the most efficient settings to reduce energy requirements.
- Advanced Azipod propulsion system allows for minimal noise and vibration levels. This not only minimises the disturbance to marine life but also significantly improves manoeuvrability which can help to improve fuel consumption by up to 12%, thus reducing emissions. Azipod does not use shaft lines in fittings which means there is no risk of oil leaks and resulting damage to the marine environment.
- Black water (wastewater from toilets) and grey water (wastewater from the galley, basins, showers etc) is treated and cleaned using a membrane biological reactor which uses micro-filtration and biological breakdown to transform the waste to be discharged from the ship. This occurs at sea and while the ship is moving.
- Ballast tanks are located in the hull of a ship and filled with water to provide stability to the vessel. Water is taken on and discharged at different location depending on the amount required. Ballast water is treated using UV 'ultraviolet' filtration to ensure no invasive species are either loaded onto or discharged from the ship as this may have a negative effect on marine eco systems.
- Selective Catalytic Reduction is an advanced emissions control technology system used in diesel engines. It involves the injection of a liquid reducing agent into the exhaust system. This sets off a chemical reaction which breaks down the volume of harmful nitrous oxide emission gases by up to 95%.
- Where available and feasible, the ship is equipped to plug into onshore power networks which allows it to primarily run off the electrical grid and not generators, which reduces emissions.



Emerald Cruises - Yacht Cruising

Built to meet or exceed environmental standards, our luxury superyachts are equipped with the latest technology and is managed in accordance with best practices ensuring all process align with our environmental and sustainability ethos.



ADVANCED HVAC SYSTEMS

Extracts and filter external air and ensures no recirculation.



HEAT RECOVERY

Exhaust from generators is captured to heat various on board water sources.



HULL FORM

Advanced hull design to create fuel efficiency.



ON BOARD GENERATORS

Treated exhaust to reduce emissions. On board Generators are equipped with advanced exhaust gas purification systems



OILY WATER SEPARATION

Oil sludge is removed onshore at approved facilities and not discharged.



FUEL

Lightest grade of marine fuel reducing sulphur emissions by up to 95%



PLASTICS REDUCTION

Elimination of all single-use guest plastics.



ADVANCED PROPULSION SYSTEM

Custom designed to improve fuel efficiency

MARINE & TECHNICAL

- In partnership with the Marine Research Institute of the Netherlands, fluid dynamics software was used in the hull design of the superyachts. The result is a more stable journey requiring less fuel and, thus, less emissions. The superyachts are designed to pierce the waves without loss of forward momentum and to reduce the wind's impact on their speed and manoeuvrability.
- The navigation of the superyachts has been designed to enable it to travel at the most fuel-efficient speed, using the lowest amount of fuel for the intended distance of travel.
- Five bladed propellers have been custom designed to produce less cavitation (the formation of bubbles from propellers). Propeller cavitation can cause the propellers to 'slip', meaning they do not perform at the optimal rates required and may need more energy 'fuel'. Cavitation emits more noise from the bubbles popping, less cavitation produces less noise disturbance to marine life.
- The yacht's on board generators are equipped with advanced exhaust gas purification systems. These systems remove harmful particulate matter (small particles) from the exhaust before it is expelled into the atmosphere.
- Waste heat recovery systems are fitted to generators to use the exhaust they provide to heat sanitised onboard water to reduce the overall energy requirement.
- Water treatment - All water for use on board our superyachts' showers/basins etc. is treated with a combination of reverse osmosis, ultraviolet or carbon filtration, to ensure it's of the highest standard. This water is centrally stored and kept at an optimal temperature to not only prevent the growth of harmful bacteria and water borne pathogens, but to ensure quick access to hot water.
- All oil and water produced by the superyachts' operation is collected and treated via filtration and separation. The sludge-like material is kept on board and discarded at appropriate onshore facilities. Any remaining liquids are filtered down and cleaned in line with CLIA and MARPOL requirements before being discharged from the ship.

Scenic Group River Ships

All Scenic river ships are designed with not only guest comfort and experience in mind, but also safety and sustainability. We remain vigilant with regards to new technologies and operational procedures that we can adapt or implement to minimise our environmental impact and enhance the guest experience.



ADVANCED HVAC SYSTEMS

Extracts and filters external air and ensures no recirculation.



ON BOARD WATER

Treatment and filtration of guest and staff onboard water sources.



PLASTICS REDUCTION

Elimination of all single-use guest plastics.



EXHAUST FILTRATION

Exhaust is water filtered to ensure no black smoke/soot is expelled.



REDUCE WASTE.

Minimise on board waste volume and maximise external recycling avenues.



LED LIGHTING

Use of LED fixtures throughout the vessels improving sustainability aspects



WASTEWATER TREATMENT

Wastewater is treated before being discharged.



SHORE POWER

Utilise onshore electrical power sources to reduce emissions.

- We have eliminated single-use plastic from the guest experience. From complimentary refillable stainless-steel bottles and filtered water stations on board, to no plastic straws and refillable toiletries in suites.
- We will establish partnerships with suppliers who share our views and adhere to our procurement code of conduct. And, we'll prioritise local produce where economically and operationally feasible, to contribute to local communities and economies.
- Advanced HVAC systems ensure there is no re-circulation of inside air on board the ship. Outside air is channelled directly to your suite and public spaces before being extracted and released outside.
- Where available and feasible, the ship is equipped to plug into onshore power networks which allows it to primarily run off the electrical grid and not generators, which reduces emissions.
- LED lights last much longer, use less power, create less wastage, reduced heat and UV emissions. They also allow for improved functionality such as dimming and sensors to ensure no unnecessary or excessive usage.
- Various waste streams on board are segregated into a designated garbage room to maximise recycling and, where possible, we partner with onshore groups. Further to their separation, on European ships, glass is crushed on board to reduce the size and storage needed when provided to 3rd parties for repurposing. Paper waste is hydraulically compacted for the same reasons as glass. On board shredders separate liquid and solid food waste to minimise the overall wastage, with liquid being filtered before being discharged and solids collected by onshore 3rd parties for proper disposal.
- Wastewater is treated through membrane filtration to transform wastewater into clean effluent prior to being discharged from the ship.
- We are minimising food wastage by focusing on increased a-la carte dining options and incorporating more live stations into existing buffets. We will provide meals on a made-to-order basis, thus removing unnecessary waste.
- Water treatment - All water for use on board our ships' showers/basins etc. is treated with a combination of reverse osmosis, ultraviolet or carbon filtration, to ensure it is of the highest standard. This water is centrally stored and kept at an optimal temperature to not only prevent the growth of harmful bacteria and water borne pathogens, but to ensure quick access to hot water.

Scenic Group Cruise vessel addendum

	Scenic Eclipse	Emerald Cruises Superyachts	Scenic Group River Cruising
Advanced HVAC Systems - Advanced HVAC systems ensure there is no re-circulation of inside air on board the ship. Outside air is channelled directly to your suite and public spaces before being extracted and released outside. For ocean vessels variable speed fans based on collected and analysed data, such as outside air temperate and CO ² values, is used to automate the most efficient settings to reduce energy requirements.	●	●	●
Water treatment - All water for use on board our ships' showers/basins etc. is treated with a combination of reverse osmosis, ultraviolet or carbon filtration, to ensure it is of the highest standard. This water is centrally stored and kept at an optimal temperature to not only prevent the growth of harmful bacteria and water borne pathogens, but to ensure quick access to hot water.	●	●	●
Water testing - All onboard water sources regularly tested by internationally recognised organisations	●	●	●
Wastewater treatment - Black water (wastewater from the toilets) and grey water (wastewater from the galley, basins, showers etc.) is treated and cleaned using a membrane biological reactor which uses microfiltration and biological breakdown to transform the water to clean effluent to then be discharged from the ship.	●	●	●
Ballast water treatment - Ballast tanks are located in the hull of a ship and filled with water to provide stability to the vessel. Water is taken on and discharged at different location depending on the amount required. Ballast water is treated using either UV 'ultraviolet' filtration or electro-catalysis to ensure no invasive species are either loaded onto or discharged from the ship as this may have a negative effect on marine eco systems.	●	●	N/A
Oil waste separation - All mixtures of oil and water produced by the ships' operation are collected and treated via filtration and separation. The sludge-like material is kept on board and discarded at appropriate onshore facilities. Any remaining liquids are filtered down and cleaned in line with CLIA and MARPOL requirements before being discharged from the ship.	●	●	N/A
Fuel - We use the lightest grade of marine fuel, reducing sulphur emissions by up to 95%. In addition, Selective Catalytic Reduction is an advanced emissions control technology system used in diesel engines. It involves the injection of a liquid-reducing agent into the exhaust system. This sets off a chemical reaction which breaks down the harmful nitrous oxide emission gases by up to 95%, meeting strict IMO 'International Maritime Organisation' Tier III Nitrogen Oxides 'NOx' emission standards.	●	●	N/A
On board Generators are equipped with advanced exhaust gas purification systems. These systems remove harmful particulate matter (small particles) from the exhaust before it is expelled into the atmosphere	●	●	N/A
Waste heat recovery systems are fitted to the generators to reuse the heat from the exhaust to sanitise all on board water, reducing the overall energy requirement.	●	●	N/A
Dynamic Positioning - Allows the ship to maintain position without the use of an anchor thus protecting the sea floor.	●	□	N/A
Advanced Hull Form - Fluid dynamics software was used in the hull design of the ships. The result is a more stable journey requiring less fuel and, thus, less emissions. The ships are designed to pierce the waves without loss of forward momentum and to reduce the wind's impact on their speed and manoeuvrability.	●	●	●
Advanced Propulsion Systems - Careful design of propulsion systems allows for reduction of noise and vibration levels to minimise disturbance to marine life in key areas of operations. The advanced designs also allow for reduced cavitation (the formation of bubbles of propellers) which allows the ship to perform at more optimal rates and reduce overall fuel consumption.	●	●	N/A

	Scenic Eclipse	Emerald Cruises Superyachts	Scenic Group River Cruising
Advanced Navigation Systems -The navigation of the ship have been planned so the ship can travel at the most fuel efficient rate to use the lowest amount of fuel for the intended distance of travel.	●	●	●
LED Lighting - LED lights last much longer, use less power, create less wastage, reduced heat and UV emissions	●	●	●
On shore power - Where available and feasible, the ship is equipped to plug into onshore power networks which allows it to primarily run off the electrical grid and not generators, which reduces emissions.	●	-	●
Procurement code of conduct - We will establish partnerships with suppliers who share our views and adhere to our procurement code of conduct. And, we'll prioritise local produce where economically and operationally feasible, to contribute to local communities and economies.	●	●	●
Single-use plastic-free guest experience - No single-use plastic on board - We aim to eliminate single-use plastic from the guest experience. From complimentary refillable stainless-steel bottles and filtered water stations, to no plastic straws and refillable toiletries in suites.	●	●	●
Eco-friendly products - For housekeeping and galley we use eco-friendly brand products which meet specific environmental performance criteria having reduced, or no impact to the environment.	●	●	●
The addition of electronic or other non-plastic/paper displays - To minimise the need for any printed materials. This may be done through reusable signage, TVs and iPads or guests' own personal devices.	●	●	●
An Environmental Officer will be deployed to each ship and in each Scenic Group office around the world. They will be ambassadors of the Cherish the Planet ethos, will ensure all brand standards are followed, and be instrumental in ascertaining what more we can do in this space. All Scenic Group staff will undergo Cherish the Planet training.	●	●	●
Waste Separation - Various waste streams on board are segregated into a designated garbage room to maximise recycling and, where possible, we partner with onshore groups.	●	●	●
Minimise food waste - We are minimising food wastage by focusing on increased a-la carte dining options and incorporating more live stations into existing buffets. We will provide meals on a made-to-order basis, thus removing unnecessary waste.	●	●	●
All Scenic Group owned river vessels are built to European safety standards regardless of their location of operation - This pertains to our Asian river vessels operating on the Mekong and Irrawaddy rivers.	N/A	N/A	●