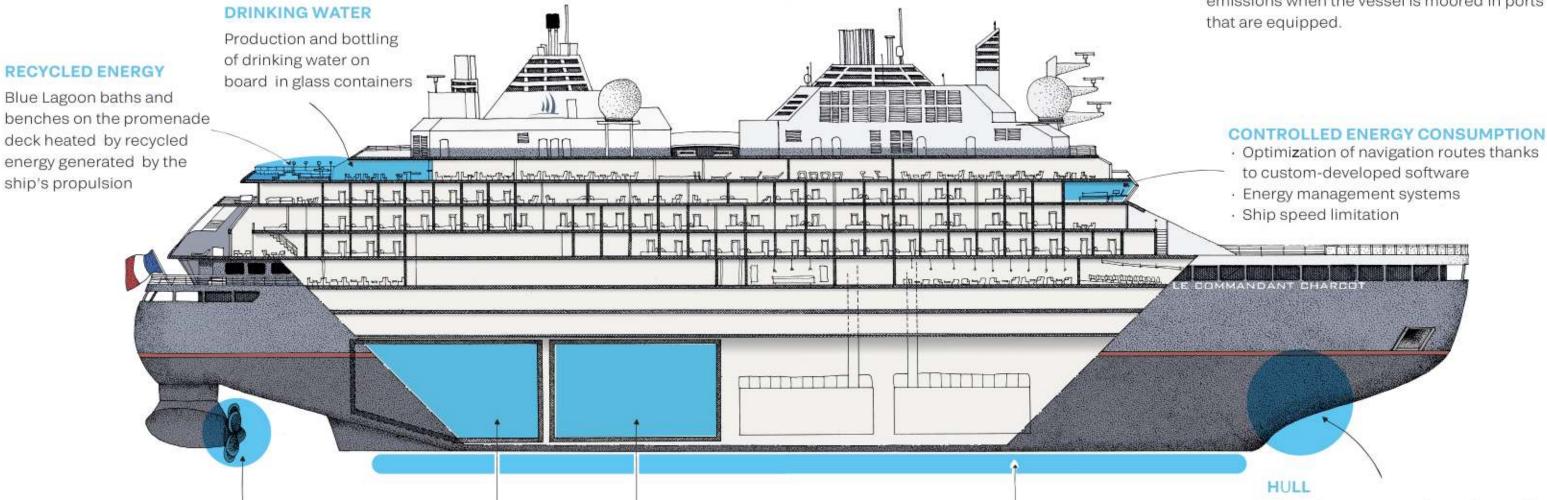
Technological feats for eco-friendly sailing

Right from the start of the project, the teams in charge implemented the latest innovations available and developed new technology in order to ensure that *Le Commandant Charcot* is at the very forefront of eco-friendly sailing.

Le Commandant Charcot has the Clean Ship label. This is the highest certification awarded by the Bureau Veritas organization, guaranteeing reduced atmospheric emissions and water and waste processing.

As with the other ships in the PONANT fleet, the following is standard:

- Recycling and traceability of waste (glass, cardboard, hard plastics, and metal): are compacted and kept in a cold store, are unloaded/processed by specialized companies.
- The treatment and recycling of seawater (ballast water, grey water, etc).
- Use LED bulbs on board for a 75% reduction in energy consumption.
- Electrical quay connection: no atmospheric emissions when the vessel is moored in ports that are equipped.



MOST POWERFUL AZIPODS IN THE WORLD

- Forward and reverse maneuvers handled by these 360 ° propulsion units
- Exceptional safety and maneuvering capabilities in ice

HYBRID PROPULSION

- Use of liquefied natural gas (LNG) and electric batteries: 25% less carbon emissions,
 85% less nitrogen oxide emissions and
 95% less fine particle emissions
- · The largest battery bank ever used on a cruise ship
- The only ship in the world that is genuinely autonomous for a period of one and a half months using LNG thanks to two x 158,916 cubic ft tanks

RESPECTFUL TOWARDS MARINE ECOSYSTEMS

- Bottom and sea creature detectors
- Electronic positioning system without the need for anchoring in protected areas
- Ballast water processing
- · Reduced noise and vibrations

The only passenger ship in the world with a PC2 polar class hull, ensuring the ability to travel safely through channels inaccessible to other expedition ships