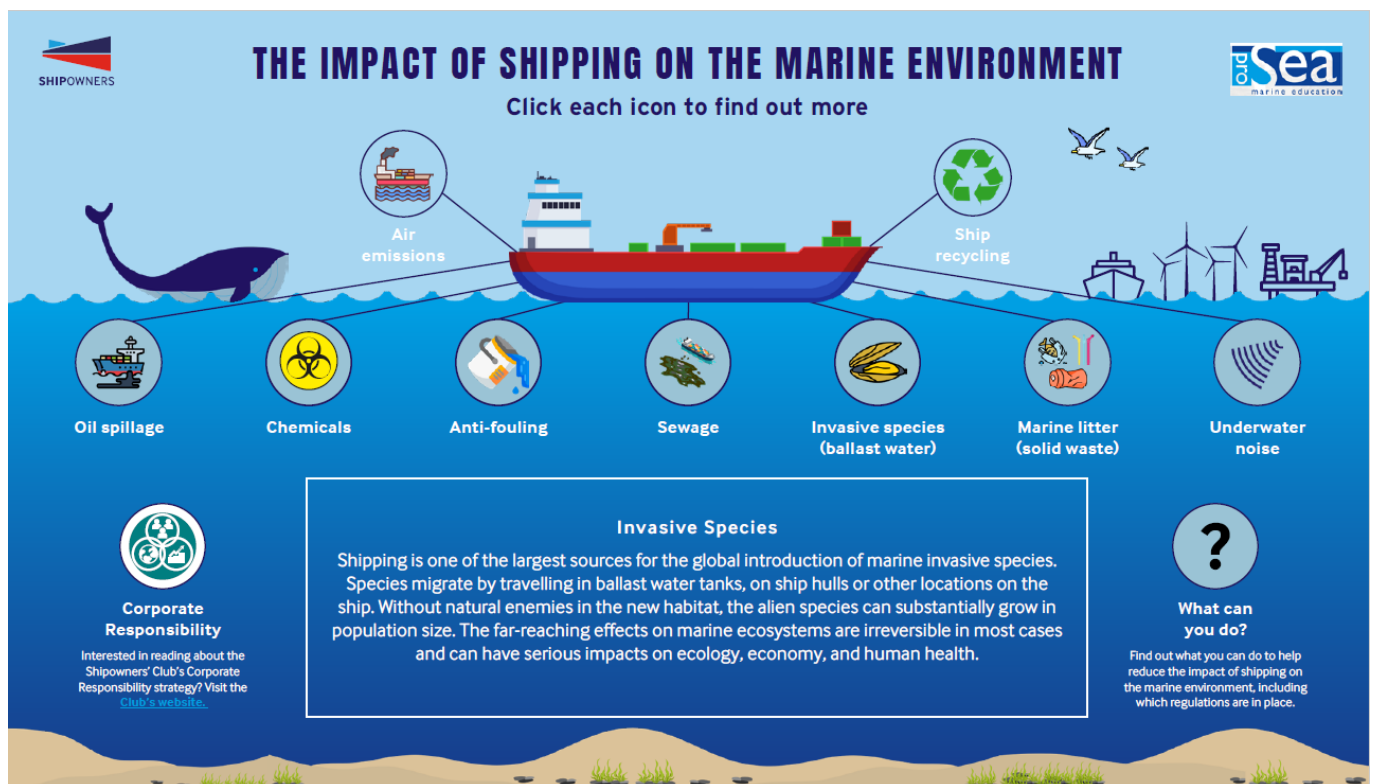


## The impact of shipping on the marine environment

The Shipowners' Club has collaborated with ProSea Marine Education, an independent, non-profit educational foundation, to produce a six-week social media campaign highlighting some of the sustainability challenges in the maritime sector.

Discharges of oil, chemical cargo residues, garbage, cleaning agents, anti-fouling paints, exhaust gases, underwater noise and invasive species from ballast water and hull fouling have ongoing negative effects globally on ocean life and can have long-lasting impacts on the economy, ecology and society. It is therefore vital that maritime professionals are made aware of how shipping operations impact the marine environment, and what regulations have been introduced by the International Maritime Organization (IMO) and other authorities to combat this growing issue.

To summarise the campaign, the Club and ProSea have created an interactive infographic to bring attention to these pollutants, their potential detrimental impact on the marine environment and offer advice on how maritime professionals can take personal responsibility to help the shipping industry become more sustainable.



**THE IMPACT OF SHIPPING ON THE MARINE ENVIRONMENT**

Click each icon to find out more

**SHIPOWNERS** **ProSea MARINE EDUCATION**

**Air emissions**

**Ship recycling**

**Oil spillage**

**Chemicals**

**Anti-fouling**

**Sewage**

**Invasive species (ballast water)**

**Marine litter (solid waste)**

**Underwater noise**

**Corporate Responsibility**

Interested in reading about the Shipowners' Club's Corporate Responsibility strategy? Visit the [Club's website](#).

**Invasive Species**

Shipping is one of the largest sources for the global introduction of marine invasive species. Species migrate by travelling in ballast water tanks, on ship hulls or other locations on the ship. Without natural enemies in the new habitat, the alien species can substantially grow in population size. The far-reaching effects on marine ecosystems are irreversible in most cases and can have serious impacts on ecology, economy, and human health.

**What can you do?**

Find out what you can do to help reduce the impact of shipping on the marine environment, including which regulations are in place.

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## Who are ProSea Marine Education?

ProSea Marine Education recognises that maritime professionals play a crucial role in protecting the marine environment and is committed to increasing the awareness on marine environmental challenges and sustainability at sea by transferring knowledge to these professionals. The company offers training sessions, workshops, and the development of educational materials designed to enhance understanding based on the Triple P concept:

- **People:** Addressing societal challenges and promoting social responsibility.
- **Planet:** Emphasising the importance of environmental protection and sustainable practices.
- **Profit:** Fostering financial stability and growth while ensuring sustainability.

ProSea provides an opportunity for maritime professionals to deepen their awareness of the sector's challenges, gain inspiration through the exchange of experiences, and stay informed about the latest research and innovations. Their approach can also provide insight into various initiatives, regulations, and practical solutions aimed at preventing pollution and promoting a sustainable future for our oceans.

Through their commitment to education and sustainability, ProSea inspires maritime professionals to take their responsibility in the transition to a sustainable maritime sector.