

One corporation to pollute them all

Cruise giant - Carnival Corporation - emits 10 times more air pollution than all of Europe's cars – study



In April, [Ecohustler disrupted Carnival Cruise's AGM](#) calling on the shareholders to reduce their company's pollution using straight forward and affordable methods - like burning cleaner fuel. Since then, a new report outlines the corporation's impact on the coastline of Europe. These vast floating cities are burning dirty bunker fuel and creating shocking levels of air pollution wherever they go. Shipping has been an unregulated industry for too long and action is urgently required.

SHIPS OWNED BY CARNIVAL CORPORATION EMIT 10 TIMES MORE SO THAN ALL EUROPEAN CARS



47 SHIPS



300M CARS

Carnival Corporation, the world's largest luxury cruise operator, emitted nearly 10 times more sulphur oxide (SO_x) around European coasts than did all 260 million European cars in 2017, a [new analysis](#) by sustainable transport group Transport & Environment reveals.

Royal Caribbean Cruises, the world's second largest, is second, yet four times worse than the European car fleet. SO_x emissions form sulphate (SO₄) aerosols that increase human health risks and contribute to acidification in terrestrial and aquatic environments.

In absolute terms, Spain, Italy and Greece, closely followed by France and Norway, are the European countries most exposed to SO_x air pollution from cruise vessels while Barcelona, Palma de Mallorca and Venice are the most impacted European port cities, followed by Civitavecchia (Rome) and Southampton.



All photos by Greg English ©

These countries are so exposed because they are major tourist destinations, but also because they have less stringent marine sulphur fuel standards which allows cruise ships to burn the dirtiest most sulphurous fuel all along their coastlines.



Faig Abbasov, shipping policy manager at T&E, said: "Luxury cruise ships are floating cities powered by some of the dirtiest fuel possible. Cities are rightly banning dirty diesel cars but they're giving a free pass to cruise companies that spew out toxic fumes that do immeasurable harm both to those on board and on nearby shores. This is unacceptable."

NOX emissions from cruise ships in Europe also heavily impact some cities, equivalent to about 15% of the nitrogen oxides (NOx) emitted by Europe's passenger car fleet in a year, the report finds. In Marseille, for example, 57 cruise ships emitted in 2017 almost as much NOx as one-quarter of the city's 340,000 passenger cars. Along the coasts of countries such as Norway, Denmark, Greece, Croatia and Malta a handful of cruise ships are also responsible for more NOx than the majority of their domestic car fleet.

Europe should implement a zero-emission port standard as soon as possible, this could then be extended to other ship types. The report also recommends extending emission control areas (ECAs), currently in place only in the North and Baltic Seas and English Channel, to the rest of the European seas. Furthermore, the report recommends regulating NOx emissions from existing ships, which are currently exempt from NOx standards applying in emission control areas.



Faig Abbasov concluded "There are enough mature technologies to clean up cruise ships. Shore-side electricity can help cut in-port emissions, batteries are a solution for shorter distances and hydrogen technology can power even the biggest cruise ships. The cruise sector are apparently not willing to make the shift voluntarily, so we need governments to step in and mandate zero emission standards."



By Team Ecohustler

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Sleepless / Repeat Until Death

A Mongolian miner takes his sick daughter away from the heavily polluted city to see the shaman. Upon finding a new home with the reindeer herders in the forest, he learns that this world too, is changing