

Bid to cut maritime sulphur emissions

Strict International Maritime Organization rules prohibit ships from using fuels containing more than 0.5% sulphur – down from 3.5%



Merchant marine fleet: 60,000 vessels use some 279 million tonnes of bunker fuel per year – of which 78% is **high-sulphur fuel oil (HSFO)**



Scrubbers: Cut sulphur emissions from HSFO

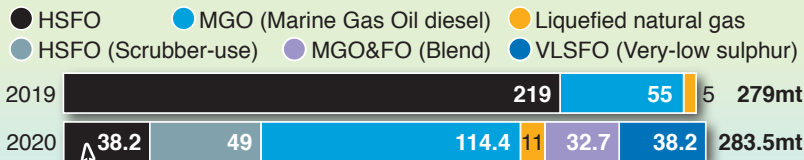
2020: Ships fitted with scrubbers will continue to use 49 million tonnes of HSFO per year

Rules take effect from Jan 1, 2020

Fuel price increase: Around \$145 per standard 20-foot shipping container



Marine bunker fuel demand (million tonnes per year, mt)



Non-compliance

