

# Devon & Cornwall Joint Branch

A Joint Branch of the RINA and the IMarEST

Hon Secretary: Geoff Davis 01752 880135

**Date:** Thursday 19 May 2022

**Time:** 7:15 pm

**Venue:** MLA, The Merchant, St Andrew St, Plymouth PL1 2AX

**Organiser:** Devon & Cornwall Joint Branch RINA/IMarEST

This talk is in conjunction with the Nautical Institute



THE ROYAL INSTITUTION  
OF NAVAL ARCHITECTS



## **Decarbonising Shipping. Reducing Green House Gas Emissions.**

Speaker: Robert Allen. IMarEST



The IMO have set a target to reduce greenhouse gases from shipping by 50% by the year 2050 or sooner. This is from a baseline of 2008.

The talk will cover the three basic approaches by the IMO these being:  
Improved efficiencies in ship design and operation:  
Low or zero carbon fuels:  
Scrubbing of exhaust emissions.

The talk will start by defining the nature and size of the problem. It will then go on to show the required improvements to ship design and operational efficiencies, measured in grams of carbon per ton mile, in the three stages defined by the IMO.

There has been much speculation regarding low and zero carbon fuels. The talk will show the benefits and the major challenges associated with methanol and ammonia as alternative fuels.

The final part of the talk will explore the potential role exhaust scrubbing, of all types of exhaust gases, has in contributing to overall emissions.

To apply for places at the MLA, please email [secretary.dcbj@branches.imarest.org](mailto:secretary.dcbj@branches.imarest.org)

To register for online connection: [CLICK HERE](#)

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