

Portugal Shipping Week 2024

Net-zero emissions: How to reach this ambitious goal in the maritime sector?

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‘**Net zero emissions**’ refers to achieving an overall balance between greenhouse gas emissions produced and greenhouse gas emissions taken out of the atmosphere.

Think of it like a set of scales: producing greenhouse gas emissions tips the scales, and we want to get those scales back into balance, which means no more greenhouse gas can be added to the atmosphere in any given year than is taken out.

EMISSIONS REDUCTION + EMISSIONS REMOVAL = **NET-ZERO EMISSIONS**

IMPROVE ENERGY AND OPERATIONAL EFFICIENCY

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USE RENEWABLE AND LOW-CARBON FUELS (RLCFs) AND/OR RENEWABLE FUELS OF NON-BIOLOGICAL ORIGIN (RFNBOs)



Fuel EU Maritime baseline = 91.16 gCO₂eq/MJ

82 % reduction from baseline

B100 FAME biodiesel = 16.23 gCO₂eq/MJ

18 % reduction from baseline

Net-zero emissions = 0.00 gCO₂eq/MJ





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