

MEPC 81 Adopts Revised Guidelines on Life Cycle GHG Intensity of Marine Fuels (LCA Guidelines)

The 80th session of IMO's Marine Environment Protection Committee (MEPC 80) adopted Guidelines on Life Cycle GHG Intensity of Marine Fuels (LCA Guidelines) by Resolution MEPC.376(80).

However, as a result of further work, **MEPC 81** adopted revised Guidelines on Life Cycle GHG Intensity of Marine Fuels (2024 LCA Guidelines) by RESOLUTION MEPC.391(81) ([attached](#)) and consequently revoked MEPC.376(80).

The updated guidelines include:

- 1) revised calculations for default emission factors
- 2) an updated Appendix 4 on the template for Well-to-Tank default emission factor submission, and
- 3) a new appendix 5 template for Tank-to-Wake (TtW) emission factors.

Member Governments were requested to bring the Guidelines to the attention of shipowners, ship operators, shipbuilders, ship designers, energy companies, fuel producers, bunkering companies, engine manufacturers and any other interested parties. The Guidelines will be kept under review in light of experience gained with their implementation. In this regard MEPC 81 agreed that the LCA Guidelines should be further developed under two parallel workstreams:

- 1) a Working Group established under GESAMP (an IMO Group of Experts on Scientific Aspects of Marine Environmental Protection) to undertake a review of scientific and technical issues, and
- 2) a Correspondence Group will further populate some of the less complete aspects of the Guidelines.

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