

MARINE ENVIRONMENT PROTECTION  
COMMITTEE  
76th session  
Agenda item 7

MEPC 76/INF.16  
10 March 2021  
ENGLISH ONLY  
Pre-session public release:

## REDUCTION OF GHG EMISSIONS FROM SHIPS

### Catalysing the Fourth Propulsion Revolution

Submitted by ICS

#### SUMMARY

*Executive summary:* Document MEPC 76/7/7 has been submitted to this session proposing, inter alia, a comprehensive package of proposed draft amendments to MARPOL Annex VI to establish an International Maritime Research and Development Board (IMRB) and an IMO Maritime Research Fund. This document contains information about an ICS report, 'Catalysing the Fourth Propulsion Revolution', which highlights the urgent need to accelerate research and development of zero-carbon technologies for maritime application in order to achieve the targets set by the Initial IMO GHG Strategy.

*Strategic direction, if applicable:* 3

*Output:* 3.2

*Action to be taken:* Paragraph 5

*Related documents:* MEPC 76/7/7; resolution MEPC.304(72); MEPC 75/18, MEPC 75/7/4, MEPC 75/INF.5; ISWG-GHG 5/4/4; MEPC.1/Circ.885 and MEPC 71/7/4

#### Introduction

1 Document MEPC 76/7/7 has been submitted to this session proposing, inter alia, a comprehensive package of proposed draft amendments to MARPOL Annex VI to establish an International Maritime Research and Development Board and an IMO Maritime Research Fund.

2 In November 2020, ICS published a report, 'Catalysing the Fourth Propulsion Revolution', which looks at different options to help decarbonize shipping and achieve the greenhouse gas (GHG) reduction targets established by the Initial IMO Strategy. These include the use of ammonia, hydrogen and batteries to power the global fleet.

3 The report also highlights the urgent need to accelerate research and development of zero-carbon technologies and fuels for maritime application, in order to meet the GHG reduction targets set by the Initial IMO GHG Strategy.

4 A copy of this ICS report can be accessed free of charge at <https://www.ics-shipping.org/wp-content/uploads/2020/11/Catalysing-the-fourth-propulsion-revolution.pdf>

**Action requested of the Committee**

5 The Committee is invited to take note of this information when considering the proposed draft amendments to MARPOL Annex VI as set out in document MEPC 76/7/7.

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