



MEDIA RELEASE

Singapore, 27 March 2025 | **For Immediate Release**

Maritime Energy Training Facility Digital Platform Provides Maritime Workforce with Training in Safe Handling of Alternative Marine Fuels and New Technologies

The Maritime and Port Authority of Singapore (MPA) has announced the Maritime Energy Training Facility (METF) Digital Platform, an initiative to help the global maritime workforce access training in the safe handling of alternative marine fuels and new technologies. The prototype platform was showcased today at the “Accelerating Digitalisation and Decarbonisation Conference” at Singapore Maritime Week (SMW) and will be ready by the second half of 2025.

A Centralised Portal for Maritime Energy Transition Training

2. The METF was first introduced at SMW 2024 as part of Singapore’s efforts to advance maritime decarbonisation and workforce development. Since then, MPA has engaged training providers, shipping companies, and maritime associations to align training standards with industry needs. These efforts have led to the development of the METF Digital Platform, a training management system that simplifies access to training, streamlines certification issuance, and ensures alignment with evolving international standards.

METF Digital Platform’s Features

3. The METF Digital Platform offers maritime companies, seafarers and maritime professionals a systematic and easy way to find relevant courses, register and pay for them. Training progress and certifications received can also be tracked through the platform, helping both companies and individuals monitor compliance with the relevant industry and regulatory standards. By streamlining administrative processes such as training grant eligibility and certification management, the platform reduces the administrative burden on maritime companies and makes training easily accessible for seafarers and maritime professionals. The platform is currently offered to Singapore-based maritime companies and/or Singapore-registered ships. This would be extended to more companies and stakeholders, including those based overseas, in the next phase.

4. The prototype is undergoing testing and validation with a group of industry pilot users.

Supporting International Training Standards Development

5. In February 2025, the International Maritime Organization’s Human Element, Training and Watchkeeping Sub-Committee began work to develop interim guidelines for training seafarers in handling alternative marine fuels and new technologies. MPA contributed by

proposing draft training guidelines for the safe handling of methanol and ammonia, drawing on Singapore's experience in competency frameworks, proficiency standards, and training programme development. This included the basic and advanced training for handling of methanol as fuel for maritime personnel by the Singapore Maritime Academy. The METF Digital Platform will support the practical implementation of such courses, ensuring seafarers have access to training that meets evolving international safety and operational requirements.

Maritime SG LowCarbon50 Awards ceremony

6. The MaritimeSG LowCarbon50 Awards Ceremony was held for the fourth year today. The Award recognises companies that have done well in carbon accounting and taken significant steps to reduce emissions and decarbonise.

7. This year, six winners were conferred the Award, and there were eight Honourable Mentions. Please refer to the Annex for more details. Companies' submissions were evaluated by a panel comprising members from MPA, GCNS, and industry associations, based on the quality of their carbon accounting using the Carbon Emissions Recording Tool (CERT), and their emissions reduction measures.

8. The Award is a collaboration under the Carbon Management MoU signed between MPA, the UN Global Compact Network Singapore (GCNS), and various industry associations, namely the Association of Regional Ferry Operators (ARFO), the Association of Singapore Marine Industries (ASMI), the Singapore Association of Ship Supplies and Services (SASS), and the Singapore Shipping Association (SSA). The Maritime SG LowCarbon50 Programme is another initiative under this MOU. In 2024, around 60 participants from about 30 companies took part in workshops under this Programme to strengthen their carbon management practices.

Equipping industry with insights and support for green and transition financing

9. In the lead up to SMW 2025, MPA and the Monetary Authority of Singapore (MAS) held the 2nd edition of the Maritime Green Finance Industry Sharing Series. This was a capacity-building workshop with more than 70 participants, including Singapore-based shipping financiers, shipowners, and ship operators. The workshop highlighted the role of the Singapore-Asia Taxonomy (SAT)¹ as a practical guide for stakeholders to identify and allocate capital to green and transition maritime activities and discussed potential use cases where SAT can be used in maritime financing.

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¹ The Singapore-Asia Taxonomy was launched by MAS in December 2023 as the first multi-sector transition taxonomy globally that sets out clear definitions on green and transition to support the region's low-carbon transition.

Annex A: Winners of the Maritime SG LowCarbon50 Awards

Award Winners

1. AET
2. Asiatic Lloyd Maritime LLP
3. Con-Lash Supplies Pte Ltd
4. Equatorial Marine Fuel Management Services Pte Ltd
5. Peninsula
6. Synergy Marine Pte Ltd

Honourable Mentions

1. Aderco Pte Ltd
2. Batam Fast Ferry Pte Ltd
3. Executive Ship Management Pte Ltd
4. Goodwood Ship Management Pte Ltd
5. Gulf Marine Pte Ltd
6. Hong Lam Marine Pte Ltd
7. Sinwa (Singapore) Pte Ltd
8. X-press Feeders

About the Maritime and Port Authority of Singapore (MPA)

MPA was established on 2 February 1996 with the mission to develop Singapore as a premier global hub port and international maritime centre, and to advance and safeguard Singapore's strategic maritime interests. MPA is the driving force behind Singapore's maritime and port development, taking on the roles of maritime and port regulator and planner, international maritime centre champion, national maritime representative, and a champion of digitalisation and decarbonisation efforts at regional and international fora such as at the International Maritime Organization and the International Organization for Marine Aids to Navigation. MPA partners industry, research community and other agencies to enhance safety, security, and environmental protection, facilitate maritime and port operations and growth, expand multi-domain capabilities, and support the cluster of maritime ancillary services and manpower development. MPA is responsible for the overall development and growth of the maritime multi-domain and the Port of Singapore.

For more information, please visit www.mpa.gov.sg/

About Singapore Maritime Week 2025

SMW is an annual gathering of the international maritime community to advance key industry issues and exchange ideas to bring the sector forward. Driven by MPA, in collaboration with industry stakeholders and research and educational institutions, SMW brings together key opinion leaders and industry leaders through conferences, dialogues and forums.

The range of activities and events organised by MPA, industry stakeholders and research and educational institutions, as well as the cosmopolitan profile of participants, reflect the vibrancy and diversity of Singapore as a global hub port and leading international maritime centre.

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