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WinGD and AET signed ammonia engines and training collaboration agreement

Swiss marine power company WinGD has entered into a collaboration agreement with ship owner and operator AET and maritime academy Akademi Laut Malaysia (ALAM), both part of MISC Group, to develop technology and training for ammonia engines.

The agreement will see the partners work towards the potential introduction of X-DF-A ammonia-fuelled engines on vessels which would be among the first ammonia dual-fuelled tankers in the world. The project timeframe is in line with WinGD's previously announced roadmap, bringing the first engines for Suezmax or Aframax tankers into service from 2025.

Zahid Osman, President & CEO, AET said: "I am pleased that we were able to formalise the collaboration with WinGD to develop the required ammonia engines and training materials that will help seafarers to safely manage the new generation of zero emission vessels. The outcomes of this collaboration will support AET and MISC Group to deliver on our commitment to deliver more energy with lower emission."

WinGD will develop a crew training syllabus and support its implementation, preparing some of the first seafarers in the world on ammonia-fuelled vessels to handle the new fuel and engines with confidence. The arrangement will provide the opportunity for ALAM to train its seafarers and supervisors on the operation, maintenance, monitoring, repair and health and safety procedures specific to the new engines.

Rudolph Holtbecker, Director Operations WinGD said: "This cooperation between engine designer, shipowner and training institution marks a powerful push towards realising the potential of ammonia as a maritime fuel. As well as preparing our engines for integration within a key vessel type, the training developed under this project will also feed into the knowledge pool needed for operators and their crews to confidently, safely and efficiently operate these new fuelled vessels."

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WinGD in brief

WinGD advances the decarbonisation of marine transportation through sustainable energy systems using the most advanced technologies in emissions reduction, fuel efficiency, hybridisation and digital



optimisation. With their two-stroke low-speed engines at the heart of the power equation, WinGD sets the industry standard for reliability, safety, efficiency and environmental design, backed by a global network of service and support. Headquartered in Winterthur, Switzerland since its origin as the Sulzer Diesel Engine business in 1893, today it is powering the transformation to a sustainable future.

WinGD is a CSSC Group company.

For more information visit: www.wingd.com