

A smarter perspective on ship power solutions

In this edition of Xtra, we bring you our latest technology and product updates. Interest in our X-DF dual fuel portfolio is increasing across the full fuel range. We shared the latest advances in our X-DF for LNG technology at a recent event with customers in Greece.

Our WinGD Xpert series covers the insights we've gained on ammonia combustion. And you can learn more about WinGD's X-EL Energy Management solutions in our latest information video.

TECHNOLOGY TALK

WinGD Expert Talk Greece 2024



WinGD's dual-fuel technologies are at the heart of our approach to decarbonisation in maritime and this theme underpinned our Expert Talk event in Kallithea, Greece earlier in March.



Thank you to the many delegates who joined us to hear our experts describe the very latest developments in our sustainable technology portfolio. Sharing our insights with the esteemed shipping community in Greece, and hearing firsthand their observations, was an honour.

Read more

Want to hear more from our Xperts?



Watch our latest Xpert video here

with Dr. Beat von Rotz, Team Leader, Applied Research & Measurements, who explains what our unique Spray Combustion Chamber research facility has revealed about the difference between ammonia and diesel flames – and how that has translated into our engine development process.

Be sure to follow us on LinkedIn to hear the latest from our WinGD Xperts as they answer some of our most frequently asked questions from our Customers.

Do you have a question you would like us to answer? Feel free to submit it by replying to this email.

The Motorship covers WinGD's VCR technology

The advances in our Variable
Compression Ratio technology are
covered in a recent article in The
Motorship. Learn more about how
this technology is tipping the scale in
favour of our dual-fuel LNG lowpressure engine among some
shipowners.

TWO-STROKE ENGINES

VCR NARROWS GAP BETWEEN DUAL-FUEL TWO-STROKE DESIGNS

Early orders indicate that WinGD's latest advance to its X-DF platform could answer some of the challenges associated with low-pressure dual-fuel engines

pressure dual-fuel engines, two things stand in favour of high-pressure, Disco-juct concepts better performance produced by the produced produced by the produced and the produced produced produced and A new technology from engine designer WILGD alms to both close that pay and legioner the case further for lospressure engines amongst those siteady convinced—and which the produced produced



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WinGD and Mitsubishi Shipbuilding agree ammonia fuel supply system

Together with Japanese shipbuilder and technology developer Mitsubishi Shipbuilding Co., Ltd., we have completed the initial design of an ammonia fuel supply system (AFSS) for vessels powered by our X-DF-A ammonia-fueled engines.



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X-EL - ENERGY MANAGEMENT SOLUTIONS



Electrification and hybrid power technologies offer exceptional optimization potential for today's vessels, helping to improve fuel efficiency and reduce emissions while improving reliability and load response across the integrated power system.

WinGD's X-EL Energy Management takes a holistic approach to designing power arrangements that goes far beyond the main engine.

<u>Learn more here</u> or watch the in-depth video <u>here</u>.

POWER YOUR CAREER

Start your next career journey today



There has never been a more exciting time to start a career in the shipping industry. A career with WinGD has a direct impact on shaping a better world for tomorrow.

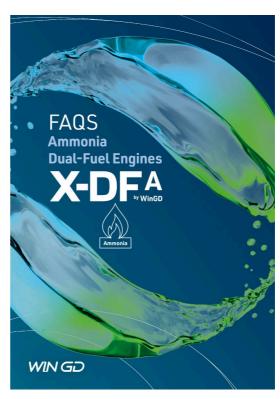
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BROCHURES



WinGD Low-Speed Engines Booklet 2024

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WinGD Ammonia Dual-Fuel Engines - FAQ

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WHERE YOU'LL FIND US





Sea Japan 2024

10-12 April 2024

Tokyo Big Sight, East Hall 1-3

Stand 2B-06

Tokyo, Japan

Find out more

Posidonia

3-7 June 2024

Athens Metropolitan Expo SA

Stand 3.112

Athens, Greece

Find out more

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