



Quarterly News Release - March 2015

I will be sending a quarterly round up of news regarding the maritime wind propulsion sector and I hope that this will prove to be informative and provide an opportunity for your readers to receive up-to-date information on developments in the sector. Please feel free to contact me with requests for additional information, project press releases, graphics etc. Gavin Allwright
secretary@wind-ship.org www.wind-ship.org

1 - Newly Released Maritime Wind Propulsion Reports

Lloyds Register Report – Wind-powered shipping - review of the commercial, regulatory and technical factors affecting uptake of wind-assisted propulsion.
<http://www.lr.org/en/marine/technology-and-innovation/technology/windpoweredshipping.aspx>

Link to press release - <http://www.lr.org/en/marine/projects/inspirechange.aspx>

26 February, 2015 - LR have put together a good overview of the commercial, regulatory and technical factors affecting uptake of wind-assisted propulsion.

International Renewable Energy Agency (IRENA) Report – [IRENA Renewable Energy Options for Shipping – Technology Brief](#)

January 2015 - This report was compiled for the UN-Affiliated, International Renewable Energy Agency (IRENA) by Dr Peter Nuttall and Alison Newell (University of South Pacific – IWSA Associate Member) with input from Dr Alice Bows-Larkin (Tyndall Centre for Climate Change Research, University of Manchester), Diane Gilpin (B9 Shipping – IWSA member), Dr Christophe Rynkiewicz (University of Sussex – IWSA supporter), Dr Tristan Smith (The Energy Institute, University College London – IWSA supporter) and Michael Traut (Tyndall Centre for Climate Change Research, University of Manchester) and Gavin Allwright (now IWSA secretary)

The report focuses on the technology, a snapshot of recent developments in the sector and the drivers and barriers facing the uptake of renewable energy in shipping.

2 – Recent Wind Propulsion Project Developments

There have been recent developments in a number of the International Windship Association (IWSA) members projects. Please contact me if you would like to receive press releases and/or arrange interviews with these project heads.

Seagate Sails – secured EU funding for next stage trials and currently trying to secure a trial vessel for sea trials and market demonstration.

Norsepower – recent successful trials of their Flettner rotor technology in the North Sea

Vindskip – An innovative Norwegian project using the hull of the vessel for wind propulsion that has been receiving a lot of press.

B9 Shipping – Recent winners of the Fathom Shipping Award ‘One to watch category and key project highlighted in the LR report above.

Ecoliner/S@IL – this EU Interreg IV project is concluding this June, and at their conference in April there is a drive to secure finance for building the first Ecoliner.

3 – Events & Conferences

05 March - ‘Future Propulsion Solutions’ – roundtable discussion moderated by Gavin Allwright, International Windship Association (IWSA) Secretary

Details: 37th Propulsion & Emissions Conference 04-05 March 2015, Hotel Atlantic Kempinski, Hamburg,

Roundtable Discussions

05 March – Future Propulsion Solutions – moderated by Gavin Allwright, Secretary, International Windship Association (IWSA) – 14:55-16:15

05 March – Presentation of Future Propulsion Solutions Discussion Outcomes to Main Conference + Q/A 16:15-17:00

IWSA is a Conference Supporting Organisation www.windship.org

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11 March - Technology Focus Panel: Windpower: Back to the Future?

A number of companies are looking at wind power for the answers to fuel management and reduced emissions. The panel will examine some of the options coming to the market and assess their future viability.

Date/Time: Wednesday 11 March - 1615-1700

Moderators: Craig Eason, Deputy Editor, Lloyd’s List
Niels Bjørn Mortensen, Director, Regulatory Affairs, Maersk Maritime Technology

Panellists will include:

Results from sea trials of Norsepower Rotor sail solution onboard Estraden: Jarkko Väinämö, CTO

Norsepower

Automated sailship with additional propulsion: Diane Gilpin, Managing Director , B9 Shipping
Kite system, one of the first on the market: Stephan Wrage, Managing Director, Skysails GmbH
PropelWind: Patrick Englebert, CEO, PropelWind

Vindskip: Terje Lade, Manager, Lade AS

Ecoliner: Edo Donkers, Maritime Consultant to the EU, INTERREG SAIL PROJECT

GST 2015 is another conference that IWSA is a Supporting Organisation

Details: Green Ship Technology conference, Radisson Blu Scandinavia Hotel, Copenhagen
11-12 March 2015 <http://www.informamaritimeevents.com/event/greenshiptechnology>

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21-22 April - International Windship Association (IWSA) Event

The International Windship Association (IWSA) will be holding its annual event this year in conjunction with MARIN and S@IL in Delft on 21-22 April, as part of the annual BLUEWEEK events www.blueweek.nl

There will a number of IWSA member presentations at the Natural Propulsion Seminar held on 21 April, which draws engineers/designers and shipping representatives from across Europe interested in maritime wind propulsion. This is a relaxed and very informative event and is open to all, but places are limited. Registration on the website.

On 22 April, there is the S@IL public conference, which will also feature a number of IWSA members presenting and discussions on hybrid sailing vessels. In the final hour of that, attendees will have a chance to join with a S@IL conference facilitated workshop on pathways to developing wind propulsion uptake in the industry etc.

In the afternoon, there will be a three hour IWSA event, with updates on the association activities, work stream groups, presentations from our sponsors and a great opportunity to discuss recent developments in the industry, network with project developers, designers, academics and supporters.

For more details please check the Blueweek website www.blueweek.nl or contact Gavin Allwright (IWSA secretary) at secretary@wind-ship.org

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4 – Work Streams

The International Windship Association (IWSA) members and supporters have set up working groups to tackle some of the key barriers to the uptake and growth of the maritime wind propulsion sector.

These are looking to develop innovative solutions and to collaborate with external organisations to produce concrete results and generate pathways and structures to enable the sector to grow.

Preliminary meetings were held in January and work stream targets and approaches are being established in five key areas:

WS1 – Policy

WS 2 – Technical Standards, Rules, Certifications

WS 3 – Finance

WS 4 – Communications

WS 5 – Market Transformation

“We welcome input from all areas of the shipping industry, NGO’s and academia in developing these work streams,” says Gavin Allwright, IWSA secretary “the association is already collaborating and consulting with leading industry experts in these fields and we are looking forward to sharing the work stream outcomes in the coming months.”

For more details, please contact the relevant work stream lead <http://wind-ship.org/iwsa-workstreams/>

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5 – Communication Packages

To enable shipping companies and other maritime transport stakeholders to engage with the growing International Windship Association (IWSA) membership and supporter network, IWSA has recently launched a communication package offer that combines publicity, presentation timeslots at IWSA events with the opportunity for those companies to network and introduce their products and services to this growing market. This is our founding year and thus an excellent time to build relationships with an emerging market, energetic projects and innovation leaders.

In turn, the funds raised from the sale of these packages will enable IWSA to further expand its work in promoting and facilitating commercial maritime wind propulsion solutions. www.wind-ship.org

TIME LIMITED OFFER – we are offering 50% off upgrades to Gold & Platinum packages if those are reserved before our IWSA event on 22 April, held in conjunction with Blueweek, www.blueweek.nl - Delft, Netherlands

Downloadable brochure from http://wind-ship.org/wp-content/uploads/2015/02/IWSA_Comm_Packages_Brochure_BW.pdf

For more details contact Gavin Allwright (IWSA secretary) at secretary@wind-ship.org

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