

POSIDONIA 2022 TO SET COUNTDOWN AGENDA FOR IMO'S NEXT DECARBONISATION MILESTONE

Leading classification societies outline roadmap to GHG emissions target reduction

The world's leading classification societies for the marine industry are returning to Posidonia this June, following the pandemic-induced hiatus, during which they have been mapping out the path to the International Maritime Organisation's 2030 deadline, for an at least 40% reduction of shipping's average carbon intensity (CO₂ per tonne mile), compared to 2008.

The most imminent milestone of the IMO's decarbonisation roadmap is 1st January 2023, requiring that all vessels calculate their Energy Efficiency Existing Ship Index (EEXI) and establish their annual operational Carbon Intensity Indicator (CII).

Scheduled for June 6-10, the Posidonia exhibition will provide the world's maritime community with a pertinent and timely platform to meet with the likes of **ABS, BV, CCS, Class NK, DNV, KR, LR** and **RINA**, amongst others, to align a collective response to the IMO mandate and navigate the last miles remaining prior to the implementation deadline for the EEXI and CII requirements.

Speed is of the essence, both in terms of how quickly shipowners and the industry at large could respond to the IMO's short term monitoring requirements, as well as insofar their long-term commitment to lower the limit of knots their fleets can travel.

"We know that the journey to a destination of net zero by 2050 must begin and many shipowners and operators are well on their way. But companies and individuals will move at different speeds. Classification will play a key and vital role on the way to net zero, supporting stakeholders, whatever their speed of change, but we probably need to prepare to be surprised," said **Paillette Palaiologou, Vice President Marine & Offshore Division, SE Europe, Black Sea & Adriatic Zone, Bureau Veritas**.

At Posidonia 2022 BV will showcase its full range of classification services and digital platforms, such as VeriSTAR Green, a tool which supports compliance with EEXI and CII. BV has already introduced guidance for ammonia as a marine fuel, methanol and wind propulsion rules and is about to delve deeper into hydrogen.

American Bureau of Shipping (ABS) is another classification leader with many nautical miles under its belt on the course to decarbonisation. From its Athens-based central hub of its international sustainability network, ABS has been working with owners and operators to develop individual decarbonisation strategies across the areas of benchmarking, improvement and monitoring.

Georgios Plevrakis, ABS Vice President, Global Sustainability, said: "Existing vessels can improve operational efficiency, which encompasses speed optimization and digital technologies and these offer short term savings, which then need to be monitored to evidence the improvement on the carbon intensity trajectory."



ABS has been developing practical applications of key decarbonisation technologies and fuels, including carbon capture onboard, offshore green hydrogen production, ammonia as fuel, advanced LNG vessel and containment designs, among many others.

According to **DNV**, decarbonisation is a challenge that no one player, or even industry, can tackle on its own. "Today we have moved on from declarations of intent to action. We need a collaborative effort, with joined-up infrastructure, energy, technology, understanding, regulations, and financial support, all striving towards the same goal. There is real momentum building, and we all need to keep focused on taking the next step forward to get to this goal," said **Knut Ørbeck-Nilssen, CEO DNV Maritime**.

Shipbuilding is a key stakeholder with a significant role to play in the decarbonisation discourse as it needs to support shipowners' efforts to comply with the stringent requirements of the regulator.

"The more challenging riddle is found in new construction choices, with carbon reduction regulations suggesting a ship built today must be 40% more efficient in 20 years' time. We are active in that space, helping owners understand how the choice of one technology or fuel over another affect their trajectory," said Plevrakis of ABS.

As a representative of the collective Posidonia 2022 participation of the Dutch shipbuilding industry, **Roel de Graaf, Managing Director, Netherlands Maritime Technology**, believes that energy transition is a topic of profound importance for the global maritime industry.

"We are already seeing a lot happening in the field of electrification and alternative fuels. For different ship types, there are different solutions. And within the framework of our maritime masterplan we are working towards a smart and emissions-free maritime sector.

"The whole Dutch maritime sector has developed a maritime masterplan together. Through maritime R&D projects, technologies are being developed in the Netherlands to make shipping more sustainable. The goal of the masterplan is to come up with at least 30 emission-free ships by 2030," said de Graaf.

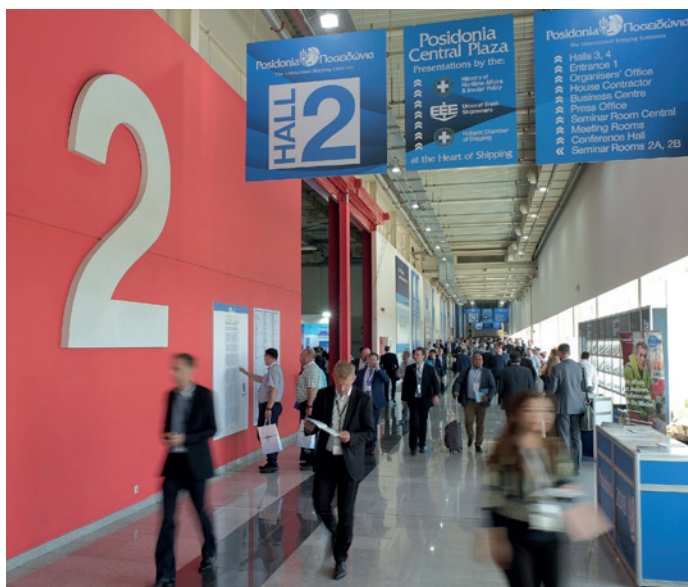
But it's not just new ships that need to comply with the IMO's regulations. Existing fleets need to embark on extensive retrofitting projects to bring them in line with requirements.

"The decarbonisation drive will lead to increasing demand for technologies and services to make the global fleet meet the environmental targets. Especially for the current trading vessels we expect a lot of retrofit demand going forward," said **Stavros Leousis, Managing Director of the Greek branch of UK's ship repairs, drydocking and retrofitting company Newport Shipping**, which is preparing for its second Posidonia participation.

POSIDONIA GLOBAL LAUNCHPAD FOR CREW SAFETY PRODUCT

SOL-X Pte is one of the many tech startups that offer specialist software-based solutions to the global maritime industry and as such it is part of a growing number of new-kids-on-the-Posidonia-block who are making their debut at the world's most prestigious shipping event this year. The Singapore-based company plans to showcase many of its innovative solutions at Posidonia 2022, including the latest version of its solution – SAFEVUE.ai 3.0. The company has also chosen Posidonia for the global launch of the world's first ATEX Zone 1 approved Smartwatch. The SmartWatch works together harmoniously with its Tablets and Dashboard to deliver a holistic approach to crew safety and wellbeing. "We are excited to be participating in this year's Posidonia, the largest international shipping event taking place in Greece, the home of the world's largest shipping community where the cluster of best ship owners, managers and service operators support the world's largest fleet," said **Paul Keng Teoh, Head of Growth and Business Operations**.

The shipping industry is facing a tipping point now with technological developments that have become accessible and affordable, powering the future smart ships, hence new technologies will completely transform shipping. "The key to richer data and sophisticated analysis tools is connectivity. Building out network connectivity between the shore and vessels has taken a big leap, however, connectivity onboard vessels remains the last frontier. SOL-X is providing that infrastructural gap to enable a truly connected ship and connected crew," continued Teoh.



ROPING IN THE KOREANS

One of South Korea's leading manufacturers of synthetic and steel wire ropes has decided to make its Posidonia debut this year, 50 years after the Seoul-based company was founded. **DSR Corp.** today operates five manufacturing locations across South Korea and China, and international sales offices in the US, Japan, and Germany. With such an international outlook, the company is hopeful that the resumption of trade fairs such as Posidonia will lead to further business growth and opportunities. **David Jo, Manager**, said: "At Posidonia 2022 we will present DSR's mooring lines for SuperMax and Forcetra in full compliance with MEG4 requirement and we are going to introduce DSR's total mooring solution with our brand new online platform, DSR WINS."



DIGITISING "SEAFAIRER" WELFARE

New York-based startup **Seafair** has chosen Posidonia to make its international shipping exhibition debut following its launch in 2020. At the event, the software provider of crew software and digital manning services plans to launch new functionality features of its technology platform, which it will demonstrate at its stand. The innovative company is pitching itself on the seafarer shortage issue, which became mostly acute during the early stages of the pandemic, and which continues to present the maritime community with many challenges. "We expect officer shortage and charterer needs in the dry sector to increase further, making seafarer acquisition and development even more demanding for shipping companies," said **Agapitos Diakogiannis, Founder & CEO**. As a result of these observations, the company believes that crewing requirements will become stricter in the dry sector, and a company's crewing performance will affect the commerciality of its fleet. "With so many variables changing since Posidonia 2018, it's great to see more shipping companies viewing data and technology as a source of competitive advantage. We're excited to see all the technological advancements of the companies shaping the future of maritime in Posidonia 2022," Diakogiannis added.



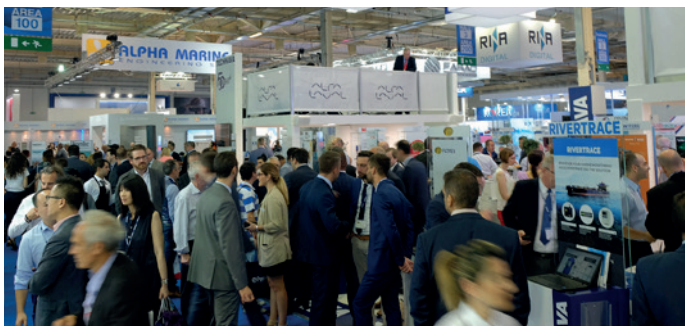
PULLING OUT ALL THE STOPS ONE POSIDONIA AT A TIME

STOP is a Greece-based specialist in Personal Protective Equipment such as work wear, footwear, gloves, safety equipment, head protection, fall protection, breathing protection and gas detectors. The company was founded in 1978 and since then it has participated as a Posidonia exhibitor a total of 11 times. During Posidonia 2022, STOP will present a new series of marine products as well as new services especially designed for the marine industry. It will also provide information about its new hub in Singapore, the company's second international location, after Rotterdam. "We expect to achieve new successful collaborations and update the relationship with existing customers outside the confines of an office environment. We participate in Posidonia because we believe it is important to our marketing strategy for the company's brand recognition and exposure," said **Mr. Michael Pantazis, CEO**.



POSIDONIA DEFINES THE FUTURE OF SHIPPING

For marine spare parts and freight forwarding specialist **Universal Marine Supplies**, Posidonia has become an integral part of its marketing activity during the last few years as it is gearing up for its third straight participation. During the two previous events, the company benefited from networking opportunities that led to long-lasting business relationships, access to valuable insights, and a platform that has enabled to expand its reach amongst maritime executives. The only Greek trading house with physical presence in both Japan and the United Kingdom, Universal Marine Supplies plans to showcase its range of services, depth of network and international identity to engage into new partnerships and ventures. "Posidonia will be once again an opportunity for the maritime community to come together and define what tomorrow will look like for the industry. I am confident that the momentum that exhibitions bring to the table will continue and will lead to growth and new opportunities in the wider sector," said **Tasos Lyras, Founder & CEO**. "I am very pleased to be returning to Posidonia at a time when the maritime community is ready to meet in person and my hopes are that what has traditionally been a pillar among international events, will once again provide a platform to network, grow and generate commercial value."



TURKISH FIRM PLANS PIRAEUS EXPANSION

Turkey's **Altanlar Marine Safety** is making its first-ever Posidonia appearance as an exhibitor this year in order to introduce its new office in Holland and promote its worldwide capabilities. "We have already opened our new office in the Netherlands and will soon expand to more ports. Piraeus is in our plans for the coming months," said **Captain Cagatay Altan, Owner and General Director**. "Another reason we wish to participate in Posidonia 2022 is to be informed about latest developments and technologies being emerged in our industry. We hope that through discussions the right and appropriate actions for the good of the shipping industry will come about. We are very excited and happy to take part in this world fair which is a milestone for shipping."

PSB TO PROMOTE ASIAN PRINCIPALS

Posidonia veteran exhibitor **PSB & CO. S.A. GROUP OF COMPANIES** is busy preparing for its 11th participation having reaped the full benefits from its previous outings. "We expect the same good results, and even better, as per previous exhibitions. The reopening of exhibitions will assist our business growth as it is a great chance to advertise and promote our company's activities," said **Gregory Papadakis, Managing Director**. At this year's event the company will introduce the exclusive representation agreements it has recently signed with the Vietnamese Shipyard **DUNG QUAT** and two Korean companies: **KOREAN GLOBAL SERVICES (KGS)**, for marine spares supply and Korean engineers, and **DRAGON M&E** for Ship Repairs and New Building projects. **Eleni Papadakis, Director** said: "The Posidonia exhibition is an event that enjoys international credibility and status which reflects the strength of the Greek shipping industry. It is a manifestation of private sector's efficiency and a proof that, even in difficult and challenging times, when we work together, businesses can flourish."



NEW LIFTING PRODUCTS ON DISPLAY

Greek market representative and distributor of drive transmission products, industrial automation and lifting machinery **CHR. BOZNOS & SON S.A.** is making its Posidonia debut this June where it plans to showcase two static models, a Slewing Gear Unit (Planetary drive system with high gear ratio range) and a system component cut-away model (Large modular system with selected system components for all kind of functions). The company hopes that through its presence at Posidonia it will be able to establish direct contact with existing and potential customers and reconnect with people they haven't met since the start of the pandemic. **Charalabos Charalabopoulos, Managing Director**, said: "We are always looking for new suppliers so that we can offer to our customers new products and services. As our logo states, we are 75 years in motion and we are planning to keep moving forward, adapting to new available technologies, ways of doing business and providing the best services and support for our customers."

List of Confirmed Conferences & Seminars at Posidonia 2022 as per 15.03.2022

	Organiser	Event Title	Posidonia Venue	Time	Contact Organiser
6/6	Capital Link	Analyst & Investor Capital Link Shipping Forum	Athens	08:30-15:30	forum@capitalink.com
	ABS	ABS Event	Stavros Niarchos Foundation Cultural Center	14:00-17:30	rlumbers@eagle.org
TUE 7/6	TradeWinds	TradeWinds Shipowners Forum 2022	Conference Hall	11:00-16:00	carly.mcburney@nhst.com
	Embassy of the Republic of Poland	Conference	Seminar Room Central	10:30-12:30	agata.krupa@msz.gov.pl
	Glafos Marine Ltd	Presentation of Bugwright2 - Autonomous Robotic Inspection and Maintenance on Ship Hulls, European H2020 research project	Seminar Room 2A	10:45-12:30	thanoslagos@glafos-marine.com
	Maritime London & Society of Maritime Industries	Addressing safety and assurance concerns on the road to net-zero shipping	Seminar Room 2B	11:00-12:30	enquiries@maritimelondon.com
	Admiralty Maritime Data Solutions	Seminar	Seminar Room 1B - Sponsored by Admiralty	11:00-13:30	amy.tucker@ukho.gov.uk
	Maritime Research Institute Netherlands (MARIN)	Wind Assisted Propulsion in Shipping	Seminar Room 1A	12:45-14:30	PM.Hooijmans@marin.nl
	Ocean Finance PC	EALING: Electrification in Ports and Vessels - Challenges and Sustainable Solutions in Europe	Seminar Room 2A	12:45-14:30	info@oceanfinance.gr
	Japan Ship Exporters' Association (JSEA)	JSEA Seminar	Seminar Room Central	13:00-17:00	ichioka@jsea.or.jp
	Autonomous Navigation Promotion Center MARINET RUT	International Conference on Autonomous Navigation	Seminar Room 1B - Sponsored by Admiralty	13:45-15:15	info@a-nav.org
	SKF	Smooth operation with SKF Lubrication Management & Condition Monitoring services	Seminar Room 1A	14:45-16:30	marineaccount@skf.com
	Admiralty Maritime Data Solutions	Seminar	Seminar Room 1B - Sponsored by Admiralty	15:30-18:00	amy.tucker@ukho.gov.uk
	Maritime Battery Forum	Which battery for your ship? - Comparison and Q&A with the manufacturers	Seminar Room 1A	16:45-18:30	director@maritimebatteryforum.com
WED 8/6	Institute of Chartered Shipbrokers Greek Branch	Future of Shipping Skills: Digital, Green, Social	Seminar Room 2A	16:45-18:30	info@helmc.com
	Hellenic Marine Environment Protection Association	HELMPEA Conference	Conference Hall	10:30-14:30	helmepea@helmepea.gr
	Digivalue	Presentation	Seminar Room 1A	10:45-12:30	kelly.dimitriou@digivalue.eu
	National Technical University of Athens	The initiatives of NTUA for technology transfer and promotion of innovation and entrepreneurship	Seminar Room 2A	10:45-12:30	jprousal@naval.ntua.gr tsap@central.ntua.gr
	Admiralty Maritime Data Solutions	Seminar	Seminar Room 1B - Sponsored by Admiralty	11:00-13:30	amy.tucker@ukho.gov.uk
	Shipmedcare	Crew welfare and financial benefits from Telemedicine in Covid-19 era	Seminar Room 1A	12:45-14:30	info@shipmedcare.com
	DNV	DNV Event	Seminar Room 2A	12:45-14:30	joanna.boulintoum@dnv.com
	Ocean Technologies Group	Powering the People that Power World Trade - enabling our maritime professionals in a time of change	Seminar Room 2B	12:45-14:30	contact@oceantg.com
	Hyundai Global Service	HHI Group Seminar	Seminar Room 1B - Sponsored by Admiralty	13:45-15:15	suyeonpark@hyundai-gs.com
	WISTA Hellas	Women at sea	Seminar Room 1A	14:45-16:30	wistahellas@wista.gr
	RINA Hellas	Seminar	Seminar Room 2A	14:45-16:30	elli.ferentinou@rina.org
	Inmarsat	Inmarsat Press Briefing	Seminar Room 2B	14:45-16:30	debby.bonner@i-j-a.com
	The Embassy of the Republic of Korea - IOBE	3rd Korean - Hellenic Maritime Cooperation Forum	Seminar Room Central	15:00-19:00	christidi@iobe.gr kamin20@mofa.go.kr
	Admiralty Maritime Data Solutions	Seminar	Seminar Room 1B - Sponsored by Admiralty	15:30-18:00	amy.tucker@ukho.gov.uk
	Danica Maritime Services	Eastern European Crewing - The advantages and pitfalls	Seminar Room 1A	16:45-18:30	jensen@danica-maritime.com
	Green-Jakobsen A/S	Strategically driving and directing human performance using the Delta Method	Seminar Room 2A	16:45-18:30	m.progoulaki@green-jakobsen.com
	One Sea	One Sea Press Briefing	Seminar Room 2B	16:45-18:30	amanda.buchan@i-j-a.com
THU 9/6	Global Maritime Club in association with Seatrade Maritime	Global Maritime Club Summit	Conference Hall	10:30-19:00	Emma.Howell@informa.com
	American-Hellenic Chamber of Commerce (AmChamGR)/ North American Marine Environment Protection Association (NAMEPA)/ U.S. Commercial Service, U.S. Embassy Athens	3rd Trading in US Waters: Towards a Decarbonized Maritime Sector by 2050, Seminar	Seminar Room Central	10:30-15:00	vtserizoglou@amcham.gr maria.georgousi@trade.gov executivedirector@namempa.net
	School of Mechanical Engineering, Aristotle University Thessaloniki & Atmospheric Composition Research, Finnish Meteorological Institute	H2020 SCIPPER and EMERGE Projects: Monitor and decrease emissions of shipping	Seminar Room 1A	10:45-12:30	scipper.project@gmail.com andriani.maraogi@fmfi.fi jaakko.kukkonen@fmfi.fi
	RINA Consulting	Engimmonia Project	Seminar Room 2A	10:45-12:30	info@engimmonia.eu
	Admiralty Maritime Data Solutions	Seminar	Seminar Room 1B - Sponsored by Admiralty	11:00-13:30	amy.tucker@ukho.gov.uk
	Instituto Tecnológico de Informática (ITI)	DataPorts H2020 EU	Seminar Room 1A	12:45-14:30	anbelpel@upv.es
	Hellenic Institute of Marine Technology	Technical Seminar	Seminar Room 2A	12:45-14:30	info@elint.org.gr
	ABS, Global Ship Systems Center	Stern tubeless Vessels	Seminar Room 2B	12:45-14:30	cleontopoulos@eagle.org
	Orca AI	How to Make Fleet Navigation Safer and Smarter with AI and Computer Vision	Seminar Room 1B - Sponsored by Admiralty	13:45-15:15	keren@orca-ai.io
	Economia Group - Kerkira Publications SA	Winning Shipping Strategies	Seminar Room 1A	14:45-16:30	kzogkas@economia.gr
	A.S. PROTE Maritime	Presentation	Seminar Room 2A	14:45-16:30	info@a-s-prote.com
	Sea Commerce (America) Inc. Houston Texas	Decarbonization: Rise of methanol as a future-proof marine fuel	Seminar Room 2B	14:45-16:30	salavi@seacommerce.co
	American-Hellenic Chamber of Commerce (AmChamGR)/ SHIPPINGINSIGHT/ U.S. Commercial Service, U.S. Embassy Athens	Shark Tank Event	Seminar Room Central	15:15-16:30	vtserizoglou@amcham.gr maria.georgousi@trade.gov cwalker@shippinginsight.com
	Admiralty Maritime Data Solutions	Seminar	Seminar Room 1B - Sponsored by Admiralty	15:30-18:00	amy.tucker@ukho.gov.uk
	Hellenic Electricity Distribution Network Operator S.A. (HEDNO S.A.)	Supporting the Proteus plan for the decarbonization of the maritime sector via the electrification of ports	Seminar Room 1A	16:45-18:30	jprousal@naval.ntua.gr
FRI 10/6	Venlys Maritime Specialisation Services	Human Machine Safety Culture: a strategic element for the Human Performance in Shipping	Seminar Room 2A	16:45-18:30	info@venlys.com
	Isalos.net & Real Time Graduates Conference	At the helm of Global Shipping: The Greek operators	Seminar Room Central	17:00-19:00	cp@gratia.gr
	Young Executives & Students (YES) Forum	YES to Shipping Forum 2022	Conference Hall	10:30-17:00	info@yes-forum.com
	Union of Greek Shipowners	Press Conference	Seminar Room Central	11:00-13:00	posidoniapress@extrovert.gr
	National Technical University of Athens	Port Facilities for Small Crafts and Yachts in Greece	Seminar Room 1A	10:45-12:30	dgiantis@mail.ntua.gr
	Metropolitan College/ Maritime Academy	4th International Conference on Maritime Education - Maritime Industry: The era of challenges and the necessity for changes towards Green Shipping	Seminar Room 1B - Sponsored by Admiralty	10:45-14:30	vapostolopoulou@mitropolitiko.edu.gr
	Teamworks & Online Data	Multimodality in Greece the Next Day - Strategies, Policies, Actions & Transport Transformation	Seminar Room Central	13:00-17:00	p.triantafyllou@teamworks.gr info@teamworks.gr

Posidonia Ποσειδώνια
The International Shipping Exhibition
6-10 June 2022

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How ports and shipping keep goods moving as the world stands still?



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