

Maritime Industries News #36

The **Enterprise Europe Network** offers support and advice to businesses across Europe and helps them make the most of the opportunities in the European marketplace. Comprising close to 600 partner organisations, among them Chambers of Commerce, Regional Development Agencies and Innovation Support Organisations, it covers more than 60 countries, throughout Europe and beyond.

This Newsletter publishes regularly updated information on partner search profiles in the fields of shipbuilding, offshore industries, ports & logistics and fisheries & aquaculture as well as information on brokerage events at large international fairs, company missions, international conferences and workshops and regional events.

***** **SHIPBUILDING / SHIPPING OPERATION** *****

Ukrainian research group offers ballast water treatment system for the environmental protection of the World Ocean and looking for financial agreement (TOUA20220929018)

A Ukrainian research group has developed an innovative solution of the problems of environmental safety, cleanliness and safety of the World Ocean, reducing the level of invasive inclusions in ship's ballast water. The main idea is aimed at creating modern ballast water treatment systems that meets the requirements of regulation D-2 of IMO Convention. They are looking for a financial agreement with shipyards or cruise ships to set up mass production of the device.

Bulgarian company, producer of air and gas filtering solutions, is looking for strategic partners to implement pilot testing of novel technology for cutting emissions from the maritime companies (ships and ports) by 98% (TOBG20220801042)

A company from Bulgaria, creator of new air and gas filtering technologies, is developing a technological solution for capturing emissions from ships and ports that cuts 90-98% of all emissions combined, with a single compact unit, retrofittable to any size of vessel & port equipment. The company is looking for cooperation for pilot testing of

the technology under: Commercial agreement with technical assistance / Investment Agreement/ R&D cooperation agreement.

An Italian hydraulic components and systems producer is looking for sales agents or trade agents under a commercial agency agreement in European countries (BOIT20221014004)

This Italian oil-hydraulic components and systems manufacturer, located in northern Italy, designs and produces high quality hydraulic pistons accumulators, designed for mobile applications, in agricultural machinery and vehicles, material handling vehicles, in construction vehicles and accessories. The aim is to find sales agents or trade agents to promote the pistons accumulators and all hydraulic components and systems in their portfolio to the machinery constructors in the European markets.

Polish engineering and design company is offering a wide range of outsourcing services to industrial partners from different sectors (BOPL20220714007)

Polish engineering and design company, on the market since 2000, active in many sectors such as shipbuilding, gas, oil, construction, transport, telecommunication and electroenergy, offers a wide range of design, supervision and analysis services to industrial partners worldwide under outsourcing agreement.



Business Support on Your Doorstep

Fit for 55: sustainable maritime fuels

Transport MEPs voted through a draft negotiating mandate on sustainable maritime fuels rules (FuelEU Maritime) by 36 votes to 6 and 2 abstentions, on 3rd October. It aims to cut maritime sector greenhouse gas (GHG) emissions from ships by 2% as of 2025, 20% as of 2035 and 80% as of 2050 (Commission proposed a 13% and 75% reduction).

This would apply for ships above a gross tonnage of 5000, in principle responsible for 90% of CO2 emissions, to all energy used on board in or between EU ports, and to 50% of energy used on voyages where the departure or arrival port is outside of the EU.

MEPs also set a target of 2% of renewable fuels usage and mandated containerships and passenger ships to use on-shore power supply while at berth at main EU ports as of 2030. This would significantly reduce air pollution in ports.

In order to secure compliance, the committee favours the introduction of penalties. Revenues generated from these should go to the Ocean Fund and contribute to decarbonising the maritime sector, energy efficiency and zero-emission propulsion technologies. [Read More.](#)

Source: [European Parliament](#)

A Romanian ship design and consultancy company offering support to maritime and oil&gas industries are looking for outsourcing and commercial agreement in the maritime sector (BORO20221012002)

A Romanian ship design and consultancy company is looking for outsourcing and/or commercial agreement with companies operating in the Maritime sector, in the need of engineering support. Their focus is the Scandinavian market and the UK.

Ecological sustainable product for the protection of the surface of ships - looking for partners (BOPL20220912013)

Polish producer of an ecological product for the protection of the surface of ships is looking for distributors. The mixture is suitable for indoor and outdoor use. The preparation protects surfaces against dirt and is easily washable.

Lithuanian company provides high-end services for the ship owners, insurers and charterers (BOLT20220902003)

The Lithuanian company is working as an active Marine Surveyor. The company has had a long experience in the industry since 2009. The company can suggest services that included condition, pre-purchase, damage, and repair surveys, owners' Condition Surveys, casualty investigations, expertise, watertight Integrity test and etc.

A Romanian distributor of hydraulic and pneumatic components is interested in cooperating internationally on the basis of commercial agreements (BORO20221017007)

The Romanian firm distributes a large variety of hydraulic and pneumatic installations and systems. They are keen on introducing their products on new markets and concluding commercial agreements with European partners.

PORTS & LOGISTICS

Improved satellite navigation (TODE20220805013)

A German university designed a multi-antenna receiver system designed as a ballast. It enables high-precision position de-

termination with conventional global navigation satellite systems (GNSS) receivers down to a few centimeters. This is of great commercial benefit for motor vehicles in logistics or agricultural technology, among others. Licensees are sought.

Mobile power pack or stationary genset 5kW powered by renewable hydrogen, to supply electricity for handling and dockside logistics in seaports while avoiding polluting gas emissions (TOFR20220831010)

A French company developed small-power systems, comprising a fuel cell, an hydrogen tank and a power pack, in order to produce decarbonated electricity from renewable H2. These comprehensive solutions are up to the challenges faced by seaports in reducing CO2 emissions including forklifts, carts, pallets, conveyors, conveyance robots, sorters, picking systems automated warehouses, vehicles and life base. Commercial agreements with technical assistance are sought with seaports worldwide.

New in-situ process for decontamination and washing of railway and harbor ballast without excavation or replacement, and simultaneous decontamination of subsoil and groundwater (TOCH20220919008)

A Swiss SME active in the field of environmental technologies offers a physicochemical solution for rapid, in-situ decontamination of railway and harbor ballast, and treatment of subsoil and groundwater from organic contaminants and herbicide leftovers. The SME is looking for partners/representatives for license, joint venture, commercial or technical cooperation.

Logistics company offers sustainable and economical multimodal hinterland transport from/to German seaports Bremerhaven and Hamburg (BODE20220721008)

Logistics company with own fleet of inland barges and frequent freight train connections offers cooperation for sustainable and economical multimodal hinterland transport from/to German seaports Bremerhaven and Hamburg supplemented by organization of the complete truck on-carriage from and to the shipping/receiving

THE NETWORKS MISSION

- Provide **information and support** to companies and research institutes **about EU legislation, policies and programmes.**
- **Find business partners** in foreign countries, whether the partnership be commercial, technological or for common R&D projects.
- **Support the competitiveness and innovation capacity** of SMEs in the EU.
- Increase the participation of SMEs in the **European R&D Framework Programme.**

THE NETWORKS SECTOR GROUPS— Boost your business with specialists

To offer services with high added value for priority sectors, Network Partners have combined forces within Sector Groups. Each of the Sector Groups is undertaking different actions like targeted information and brokerage events, company missions and targeted services.

The **Sector Group Maritime Industry & Services** currently has 17 active members originating from 10 European Countries.

To learn more about Enterprise Europe Network please visit

<http://een.ec.europa.eu/>

locations. Contacts to shipping companies, freight forwarders and import/export companies with overseas transports to/from Northern German seaports are sought.

Lithuanian company offers digital solutions for quicker freight movement (BOLT20220907007)

The challenging environment of logistics, the growing environmental requirements, and the digitalization of documents in logistics (eFTI), which is mandatory by 2024, have influenced the search for automation solutions in logistics.

OFFSHORE INDUSTRIES

Danish research team offers their competences within application of optical and acoustic sensing for subsea positioning and automatization (TODK20220407020)

A Danish research team with dedicated knowledge within application of optical and acoustic sensing for subsea challenges is offering its competences for projects within mapping, positioning and automatization of underwater projects. Currently the team seeks to cooperate with problem owners that require optimization in relation to their subsea operations as knowledge contributor in projects and seeks partners with competences in all other aspects of the value chain in autonomous subsea operations.

Danish research team offers their competences within wave modelling and simulation for subsea robots for offshore applications (TODK20220407031)

A Danish research team with dedicated knowledge within application of autonomous underwater robotic for subsea challenges is offering its competences within wave modelling and simulation specifically for subsea robots for offshore applications. The team seeks to cooperate with problem owners that require optimization in relation to their subsea operations as knowledge contributor in projects and seeks partners with competences in all other aspects of the value chain in autonomous subsea.

Enhanced coatings with high-performance properties based on ceramic formulations for energy installation components (TOES20220912005)

A Basque SME that designs and produces ceramic materials used in antifouling and corrosion-resistant coatings applicable to metals even in high temperature environments (850°C) and very aggressive chemicals, has developed a technology that obtains much better results than conventional coatings. The SME is looking for an Original Equipment Manufacturer (OEM) or an Industrial coater for a technical cooperation or a manufacturing agreement.

Smart sensors to optimise the performance of wind turbines (TOAT20220829004)

An Austrian SME develops sensor solutions consisting of multiple autonomous, thin and flexible sensors for precise ice detection and temperature measurement on rotor blades. This innovative, retrofittable product increases the energy yield of wind turbines and ensures their safe and optimal operation. Cost savings arise due to increased efficiency and a reduction in on-site inspections. The SME seeks partnerships for commercial agreements with technical assistance.

Italian SME offers an innovative, continuous, automatic and cost-effective monitoring system of structures, infrastructures, or ground movements based on the Global Navigation Satellite System (GNSS) technology (TOIT20220725012)

Italian SME offers an innovative GNSS end-to-end system for the continuous monitoring of critical infrastructure (e.g. dams, bridges, roads), structures (e.g. buildings) and natural hazards (e.g. landslides). The system includes hardware, software and technical support. It is based on custom price-competitive GNSS equipment, designed with an IoT approach. The company is looking for partnerships under a commercial agreement with technical assistance.

Statement by Executive Vice-President Vestager on the second Important Project of Common European Interest in the hydrogen value chain

The Commission has approved "IPCEI Hy2Use", the second Important Project of Common European Interest in the hydrogen value chain.

The project involves 29 companies and 35 projects from 13 Member States: Austria, Belgium, Denmark, Finland, France, Greece, Italy, the Netherlands, Poland, Portugal, Slovakia, Spain and Sweden.

The Member States will provide up to €5.2 billion in public funding, which is expected to unlock additional €7 billion in private investments.

IPCEI "Hy2Use" follows and complements another project in the hydrogen value chain, IPCEI "Hy2Tech", that the Commission approved only a couple of months ago. IPCEI "Hy2Tech" focused on the development of novel technologies for the production, storage, transportation and distribution of hydrogen as well as applications in the mobility sector.

The "Hy2Use" project we approved today aims at boosting the supply of renewable and low-carbon hydrogen and at enabling the development and first industrial deployment of clean and innovative hydrogen technologies in other industrial sectors, such as cement, steel and glass.

More specifically, "Hy2Use" includes two different and complementary categories of participating projects: some involve the construction of large-scale infrastructure for the production, storage and transport of renewable and low-carbon hydrogen, while others develop highly-innovative technologies leading to reduced greenhouse gas emissions in industries such as cement, steel and glass sectors that typically face higher barriers to decarbonise.

[Read more.](#)

Source: European Commission Press Corner

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Other

German full service provider in the sector of unmanned aerial systems offers drone tethering (linking) systems for a permanent (24/7) drone deployment and is looking for commercial agreements with technical assistance (TODE20221004009)

A German full service provider in the sector of unmanned aerial systems offers several innovative systems including a drone tethering system that links drones with the power supply. The cable length is up to 120 metres. The company is looking for sales and service partners on the base of in form of commercial agreements with technical assistance.

Funding Programmes

Underwater observation, detection, acquisition and communications (TOPIC ID: EDF-2022-RA-UWW-ODAC)

Deadline date: 24 November 2022.

Improved underwater detection and control capabilities to protect maritime areas and sea harbours (TOPIC ID: HORIZON-CL3-2022-BM-01-01)

Deadline date: 23 November 2022.

Advanced radar technologies (TOPIC ID: EDF-2022-RA-SENS-ART)

Deadline date: 24 November 2022.

Sustainable components for underwater applications (TOPIC ID: EDF-2022-RA-ENERENV-CUW)

Deadline date: 24 November 2022.

Underwater manned-unmanned teaming and swarms (TOPIC ID: EDF-2022-RA-UWW-UTS)

Deadline date: 24 November 2022.

Naval Collaborative Surveillance (TOPIC ID: EDF-2022-DA-NAVAL-NCS)

Deadline date: 24 November 2022.

Maritime ports – studies, works or mixed (TOPIC ID: CEF-T-2022-COMPCOEN-MARP-WORKS) (CEF-T-2022-COREGEN-MARP-WORKS)

Deadline date: 18 January 2023.

Motorways of the Sea – studies, works or mixed (TOPIC ID: CEF-T-2022-SUSTMOBGEN-MOS-WORKS)

Deadline date: 18 January 2023.

Inland waterways and ports – studies, works or mixed (TOPIC ID: CEF-T-2022-CORECOEN-IWWP-WORKS & TOPIC ID: CEF-T-2022-COREGEN-IWWP-WORKS)

Deadline date: 18 January 2023.

Inland ports – studies, works or mixed (TOPIC ID: CEF-T-2022-COMPCOEN-IWWP-WORKS & TOPIC ID: CEF-T-2022-COMPCOEN-IWWP-WORKS)

Deadline date: 18 January 2023.

Maritime ports – studies, works or mixed (TOPIC ID: CEF-T-2022-COMPCOEN-MARP-WORKS & TOPIC ID: CEF-T-2022-CORECOEN-MARP-WORKS)

Deadline date: 18 January 2023.

EVENTS

B2Blue matchmaking event at SEALOGY fair, 16-18 November 2022

This hybrid EEN b2b event dedicated to the Blue Economy will take place both on-site (at SEALOGY Fair in Ferrara, Italy) and online. Participation is free of charge. Main Topics: Fishery and Aquaculture; Marine bio-technology; Coastal and maritime tourism;

Marine and Offshore renewable energy; Maritime transport; Shipbuilding and boating. Registration is open: <https://b2blue2022.b2match.io/>

GET IN TOUCH!

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