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## Press Release · Pressemitteilung

### Efficiency First: Energy Efficiency takes centre stage at SMM 2026

**New Energy Efficiency Hub showcases market-ready approaches to more efficient vessel operations**

**Hamburg, 6 August 2026** – The maritime industry faces the dual challenge of significantly reducing emissions while remaining economically competitive. As a result, energy efficiency is becoming one of the key drivers of the sector's transformation. Against this backdrop, **SMM – the world's leading maritime industry event** – will launch the **Energy Efficiency Hub**, a dedicated exhibition area focusing exclusively on energy efficiency, from 1 to 4 September 2026. Under the motto "**Efficiency First: Powering the Future of Shipping**", **24 companies** from **Europe, Asia** and the **Middle East** will showcase approaches to improving energy efficiency in shipping. Covering more than 200 square metres, the fully booked Hub reflects the industry's strong commitment to this important topic. Although shipping has already embarked on its transition, it remains unclear which low-carbon fuels will ultimately prevail. Measures that deliver immediate reductions in energy consumption are therefore becoming increasingly important.

#### What is already possible today

Highlighting the wide range of innovations already available today, the Energy Efficiency Hub brings together companies representing a broad spectrum of technologies. The Hub comprises an **international joint stand** with 16 exhibitors alongside eight **individual exhibitors**. The exhibition covers the entire value chain, ranging from digital optimisation and performance management tools, AI-based applications and energy management systems to hybrid and electrification technologies, wind-assisted propulsion systems, solar technologies, onboard carbon capture and storage (OCCS), retrofit measures, concepts for alternative fuels and next-generation propulsion systems.

Among the exhibitors are **BAR Technologies** (United Kingdom), **Cryospain** (Spain), **ENOGIA** (France), the **European Research Institute for Gas and Energy Innovation (ERIG)** (Belgium), **GLO MARINE** (Romania), **NEUMAN & ESSER** (Germany) and **YADA Green Energy Solutions** (China).

The following examples illustrate the diversity of innovations presented at the Hub.

**BAR Technologies** is introducing the new WindWings® Hub, a digital platform that enables shipowners and operators to monitor and analyse the performance of wind-assisted propulsion systems in real time. The platform provides data-driven insights into voyage efficiency, fuel savings and maintenance requirements, helping operators further optimise vessel performance.

**Cryospain** focuses on cryogenic process solutions and vacuum-insulated piping systems for LNG, liquid hydrogen, methanol and ammonia, supporting the use of alternative fuels in the maritime sector.

**NEUMAN & ESSER** is highlighting innovative compressor solutions for the use of alternative fuels in shipping. Its portfolio includes systems for LNG as marine fuel, LPG, liquid ammonia and LCO<sub>2</sub> cargo handling, as well as compressor systems for LNG carriers and LNG FSU/FSRU boil-off gas handling applications.

**The European Research Institute for Gas and Energy Innovation (ERIG)** is presenting the EU co-funded NavHyS project. Bringing together 14 partners from eight European countries, the consortium is developing an innovative liquid hydrogen (LH<sub>2</sub>) storage and propulsion system for future service and maintenance vessels operating in offshore wind farms. The project aims to make a significant contribution to the decarbonisation of shipping while further strengthening Europe's leadership in clean hydrogen technologies.

**ENOGIA's** compact Organic Rankine Cycle (ORC) units recover waste heat from marine engines and convert it into carbon-free electricity, helping to reduce fuel consumption for onboard generators.

**GLO MARINE** supports shipowners and offshore operators with complex retrofit and vessel upgrade projects aimed at improving energy efficiency and reducing emissions. Its services range from shore power and battery energy storage installations to wind-assisted propulsion, air lubrication, electrical upgrades and the integration of new onboard systems.

**YADA Green Energy Solutions** showcases integrated systems for vessels powered by alternative fuels. Its portfolio includes fuel supply systems for LNG, methanol, ammonia and hydrogen, as well as carbon capture technologies that support the transition to lower-emission shipping.

Emphasising the importance of direct dialogue across the industry, **Roman Schroth**, Solution Manager, LNG & Marine Business at NEUMAN & ESSER, says: "For us, SMM is an important platform for maintaining direct dialogue with shipowners and other stakeholders across the maritime industry. In a market that is constantly evolving, these conversations are essential to developing solutions that are not only efficient, but also reliable and practical for everyday operation at sea."

### **What comes next**

Building on the innovations already available today, the focus shifts to the next steps in the maritime transition. The Energy Efficiency Hub is complemented by the Energy Efficiency Stage in Hall A4,

where international experts will discuss strategies for climate-friendly and energy-efficient shipping, including nuclear propulsion concepts.

Programme highlights include the **global maritime environmental congress (gmec)**, the **Offshore Dialogue**, and dedicated sessions on **retrofit** and **upcycling**, **Wind Assisted Propulsion Systems (WAPS)**, **shore power**, the **IMO Digitalisation Strategy** and **Maritime Autonomous Surface Ships (MASS)**.

**Daily expert talks** at the Energy Efficiency Hub in Hall A2 complement the conference programme. There, experts present the latest developments and projects. These include the **EU-funded SEAGLOW project**, which explores innovative approaches to reducing fuel consumption and greenhouse gas emissions from small-scale fishing vessels in the Baltic and North Sea.

"The maritime transition will not be driven by a single technology, but by intelligent improvements in efficiency throughout a vessel's entire lifecycle. With the Energy Efficiency Hub and the Energy Efficiency Stage, SMM provides an international platform where technology providers, shipowners, shipyards and suppliers can work together to shape the future of shipping," says **Claus Ulrich Selbach**, Vice President Exhibitions Maritime & Energy, Hamburg Messe und Congress GmbH.

More information:

[SMM | Energy Efficiency Hub - SMM](#)

[SMM | Energy Efficiency Stage - SMM](#)

## Energy Efficiency Hub exhibitors

### Joint stand

1. Beyond the Sea SAS (France)
2. C Torq Marine Services (United Arab Emirates)
3. CEDS DURADRIE GmbH (Germany)
4. Cryospain (Spain)
5. Dongguan Pan American Electronics Venas International (China)
6. Econowind B.V. (Netherlands)
7. ENOGIA (France)
8. European Research Institute for Gas and Energy Innovation (ERIG) a.i.s.b.l. (Belgium)
9. GLO MARINE (Romania)
10. Green Italy S.r.l. (Italy)
11. NEUMAN & ESSER (Germany)
12. M-TECH POWER CO., LTD (China)
13. Pinfabb (Italy)
14. SARL Marengo (France)
15. The Naval Office International (Germany)

## 16. WTL Energietechnik (Germany)

### Individual exhibitors

1. ARTA Armaturen- und Tankgeräteebau (Germany)
2. BAR Technologies (United Kingdom)
3. CALB (China)
4. ePropulsion Europe (Spain)
5. HEAT Nord (Germany)
6. Nordic Flow Control (Singapore)
7. REIKON (Netherlands)
8. YADA Green Energy Solutions (China)

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### About SMM

**SMM – the world's leading maritime industry event** – will take place from 1 to 4 September 2026 in Hamburg. Under the guiding theme “Driving the Maritime Transition”, it brings together international stakeholders from across the maritime industry to discuss key future topics and actively shape the development of the sector. More than 2,200 exhibiting companies from around 60 countries and approximately 50,000 participants from up to 120 nations are expected. Spanning around 90,000 m<sup>2</sup> across twelve exhibition halls, SMM showcases the entire value chain of the industry. The focus is on energy efficiency as a key lever of the maritime transition, complemented by maritime security and defence, artificial intelligence, decarbonisation, and digital technologies. SMM serves as a central platform for innovation, international exchange and business development. A comprehensive conference programme accompanies the exhibition, including TradeWinds Shipowners Forum, Maritime Future Summit, gmec – Global Maritime Environmental Congress, MS&D – International Conference & Expo for Maritime Security & Defence and Offshore Dialogue. Running alongside SMM, ALL ABOUT PORTS will launch as a new platform for integrated port solutions. The international conference and accompanying exhibition focus on port infrastructure, terminal technology and port logistics, bringing together port operators, technology providers and investors.

**Further information:** [SMM – Driving the Maritime Transition | 1–4 September 2026](#)

### Supporters of SMM 2026

Main sponsor: DNV

Supporters: VDR, VSM, VDMA, GMT, VDS, CLIA

Conference partners: gmec: Seatrade Maritime News; MS&D: German Maritime Institute (DMI);

Offshore Dialogue: German Association for Marine Technology (GMT); Maritime Future Summit:

HANSA – International Maritime Journal; TradeWinds Shipowners Forum: TradeWinds

### About ALL ABOUT PORTS

ALL ABOUT PORTS is an international conference with an accompanying exhibition dedicated to the future of the port industry. The inaugural event will take place on 2–3 September 2026 at the CCH – Congress Center Hamburg and will be held in parallel with SMM – the world's leading maritime industry event. It positions itself as a new platform for integrated port solutions. The focus is on port infrastructure, terminal technology and port logistics, as well as key topics such as digitalisation, automation, sustainability and security. ALL ABOUT PORTS brings together international stakeholders from the port and logistics industry and fosters exchange on innovation and future-ready port locations.

**Further information:** [www.allaboutports.de](http://www.allaboutports.de)

### **Digital Press Kit**

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Media representatives can register her:

For SMM 2026: [Press Shop](#)

For ALL ABOUT PORTS: [Press Shop](#)

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