

SmartShip Project Newsletter #2

WHAT'S NEW IN SMARTSHIP

We are thrilled to announce our recent partnership!

We have joined dissemination forces with the project [Healthy Ship 4 U \(HS4U\)](#) a cross-national Research and Innovation Action (RIA), supported by the European Union (EU) within the framework of the Horizon Europe programme.

HS4U project involves a multidisciplinary consortium of twenty-two partners from eight different countries.

HS4U aim is to develop and demonstrate holistic ship design solutions that will facilitate the early detection, prevention, and mitigation of general health conditions, pandemic crises and communicable disease outbreaks in large passenger and cruise ships by ensuring healthy ship operations and safe return to port during a health emergency.

We are proud to be at the forefront forging partnerships with innovative projects like HS4U.

“ONLINE TRAINING FOR FUEL OIL CONSUMPTION ESTIMATION: A DATA DRIVEN APPROACH”

Reliable estimation of vessel Fuel Oil Consumption (FOC) is vital in maritime industry for effective route planning and vessel management. FOC depends on Main Engine (ME) operation, environmental conditions, and vessel hydrodynamics.

We are thrilled to introduce Danaos Shipping Co. LTD Research Center work, introducing an online learning framework using neural networks and real-time sensor data to continually update FOC prediction models, ensuring adaptability to changing conditions.

Link to the article at the bottom of this newsletter.





PARTNER SPOTLIGHT: ITML

This month's newsletter partner spotlight is dedicated to partner and work package leader ITML

[ITML](#) is a fast-growing User Experience & Software Agency, established in Athens, Greece in 2011. ITML designs and develops captivating digital products for their clients, from leading enterprises to promising startups. It helps organizations design and deploy the world's most cherished digital products.

ITML exploits state-of-the-art technologies, follow EU trends and capture the market needs, based on a strong R&D department providing innovative solutions in the fields of AI-based trustworthy big data analytics,

Smart Production Digitization and IoT, and Tailor-made cybersecurity services.

Early stages of research and development are often overlooked when trying to deliver a cost-efficient solution with low time-to-market. Yet, the two pillars that drive our growth are our R&D and end-to-end user experience delivery teams.

ITML envisions to bridge the physical gap by delivering innovative, interactive experiences with impact to end users across different industries. Click the [company's website](#) to explore further services.



“This project has received funding from the European Union’s Horizon 2020 research and innovation programme under the Marie Skłodowska-Curie grant agreement No 823916”.



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Link to Danaos article:
[Online Training for Fuel Oil Consumption Estimation: A Data Driven Approach](#)