

PRESS RELEASE

3rd CONSORTIUM MEETING OF EDF-FUNDED “dTHOR” PROJECT**Athens, June 13, 2024**

From June 11 to 13, 2024, the third Consortium meeting and General Assembly of the “Digital Ship Structural Health Monitoring” (dTHOR) project, funded by the European Commission under the European Defence Fund (EDF2021), was held in Athens, Greece, and hosted by ISD S.A.

The meeting brought together all 35 dTHOR partners, including SINTEF Digital (Coordinator), CAFA Tech, CEA, Centre for Research & Technology Hellas, CETENA, Consiglio Nazionale delle Ricerche, DAMEN, ENSAM, Heron, INTA, INTRACOM DEFENSE, ISD S.A., Jotne, Light Structure, MARIN, National and Kapodistrian University of Athens, National Technical University of Athens, Naval Group, Navantia, NLR, Politecnico di Milano, QRelation, SAAB, SAES, Safran Data Systems, SEA Europe, SINTEF Ocean, SIREHNA, Structural Vibration Solutions, Testia, an Airbus company, thyssenkrupp Marine Systems, TSI, TU Delft, and University of Patras.

Representatives from the Ministries of Defence of France, Greece, Italy, the Netherlands, and Norway also attended, providing valuable contributions and input that helped the consortium make significant progress and plan the next steps.

This meeting was particularly significant as the project is nearing its halfway point. Since its inception a year and a half ago, under SINTEF Digital's coordination, the project has aimed to develop the next generation of predictive Ship Structural Health



dTHOR

Monitoring (SSHM) systems. These systems utilize innovative sensors and hybrid analysis modelling to create a highly realistic Open Standard based Digital Twin. The meeting included work package updates and specific alignment workshops to clarify interfaces between different work packages and identify the next steps. ISD S.A. also organized a visit to the Acropolis Museum and hosted a project dinner, fostering further collaborative discussions among the partners.

The Hellenic Navy highlighted the remarkable and collaborative effort of each dTHOR partner to create an SSHM system that will be invaluable and useful for European navies, the ultimate end-users.

"Reaching the halfway mark of the dTHOR project fills me with immense pride as the Project Coordinator. The collective effort to develop an innovative Ship Structural Health Monitoring system using sensors and hybrid modelling is truly inspiring. With the input and frequent feedback from European Navies, I am confident that we are on the right path to achieve our consortium's ambitions and the requirements set by the European Commission by December 2025", said Trond Kvamsdal, dTHOR Project Coordinator.

