



9 December 2024

NOTICE
AC/141(SDCG-ST/EEEP)N(2024)001

NATO NAVAL ARMAMENT GROUP (NNAG)

SHIP DESIGN CAPABILITY GROUP (SDCG)

SPECIALIST TEAM ENERGY EFFICIENCY and ENVIRONMENTAL PROTECTION (ST/EEEP)

**INVITATION FOR INDUSTRY, ACADEMIA, and NON-GOVERNMENT ORGANIZATIONS
PARTICIPATION**

**ST/EEEP SYMPOSIUM on ALTERNATE FUELS AND REDUCED FUEL CONSUMPTION /
GREENHOUSE GAS EMISSIONS for NATO NAVAL SHIPS – 12-13 May 2025**

Calling Notice

The NATO Specialist Team for Energy Efficiency and Environmental Protection (ST/EEEP), under the Ship Design Capability Group (SDCG), is seeking the participation of industry, academia, and non-government organizations to participate in their forthcoming Symposium in Zeebrugge, Belgium. The purpose of these symposiums is to inform, widen the interest and discuss ship energy, efficiency and environmental protection design, technology and processes topics as well as stimulate discussions on NATO standards, policy and tools leading towards a refined focus for ST/EEEP programme(s) of work. In addition to the opportunity to share information, another benefit to industry, academia and non-government organizations might be a follow-up NIAG study proposal, sponsored by the SDCG that investigates technologies and techniques discussed with a view to Nations/NATO adopting them in the future.

1. This ST/EEEP symposium's will be focused on **Alternate Fuels and Reduced Fuel Consumption / Greenhouse Gas Emissions for NATO Ships**. Member nations and industry are invited to provide presentations on:
 - Alternative fuels to reduce to greenhouse gas emissions that could be suitable for Navy ship applications.
 - Ship design, technology, materials, and processes that could reduce shipboard fuel consumption and greenhouse gas emissions.
 - Current and emerging regulations, policies, and guidelines on producing alternate fuels and reducing Greenhouse gas emissions.

These presentations can include materials, processes, and technology systems at any point of the technology life cycle including in-service application, testing, and research.

2. The symposium will be held 12-13 May 2025 in conjunction with the Spring 2025 STEEEP meeting in Zeebrugge, Belgium. The meeting will be available virtually for those not able to attend in person. The meeting location is within a military facility. Procedures and information required for access will be provided to all those requesting to attend in person.

3. Planned Agenda:
 - Monday 12 May 2025 Afternoon – This afternoon meeting will be for Government only presentations.
 - Tuesday 13 May 2025 – Industry, Academia, and Non-Government Organizations Presentations.
4. A short description of your presentation should be submitted by 31 March 2025 to the symposium points of contact:
 - Els Wuyts (BE), els.wuyts@mil.be, ST/EEEP Chair
 - Peter McGraw (US), peter.mcgraw@caci.com, ST/EEEP Technical Secretary
5. Presentations should be sent to same Points of Contact by 25 April 2025 for a final review prior to the meeting. Copies of all presentations will be shared with all ST/EEEP members but will be controlled as NATO Unclassified Documents.