**Royal Navy Industry Engagement:**

**Surface Platform Power and Energy Roadmap Development Seminar**

**Monday 12 June 2023, 0945 – 1500**

The Royal Navy will host a Surface Platform Power and Energy Roadmap Development Workshop at Action Stations in the Portsmouth Historic Dockyard on Monday 12 June 2023.

This seminar will be an opportunity for the Royal Navy to set out the high-level requirements and vision for future surface platforms and challenges the Royal Navy is seeking to address.

The aim of this engagement is to commence a conversation between the Royal Navy, industry partners and academia on how surface platform power and energy requirements and solutions will evolve between now and 2050. This will consider power and energy opportunities and challenges as the Royal Navy moves towards a System Of Systems Approach for future capabilities, as articulated in the [Maritime Operating Concept](https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/1102484/20220629-Maritime_Operating_Concept__OFFICIAL___Publication.pdf).

The seminar will include an introduction from the Royal Navy Develop Deputy Director Capability Sponsor and a brief on the work to develop a Surface Platform Capability Roadmap including future platform requirements, vision and power and energy problem set. This will be followed by a series of workshop sessions which aim to support further development of the roadmap and identify concepts and technologies which present opportunities for the Royal Navy.

The seminar will not be focussed on specific future surface platform programmes but will be considering broader technical developments which could present opportunities for future platforms, classifying these by epochs out to 2050. The workshop is not seeking to uncover immediate solutions but start a dialogue on potential development opportunities.

Attendees should be well versed in the technical aspects of their domains that will help the group discuss future avenues of collaboration and/or investment opportunities and attendees should be open to the principles, challenges, concerns and examples of the respective individuals’ domain expertise. For this event all information shared and discussion will be at the official level only. There are no nationality requirements for the event.

Breakout sessions will include discussion relating to the following:

* + The global maritime energy transition and associated challenges and opportunities;
  + System Of Systems Approach to surface platform power and energy architectures;
  + Thermal energy management challenges and opportunities;
  + Power and energy requirements of future offboard systems (e.g. boats, aircraft, uncrewed platforms etc).

There will be opportunities for attendees to network with each other and MOD personnel, and time for questions and answers. Refreshments and a buffet lunch will be provided.

There will be no charge for attendance at the seminar and attendees are expected to meet their own travel costs. There will be a maximum capacity of 60 attendees, due to this limited capacity we are only able to accept one attendee from each organisation - allowing us to include as many different organisations as possible. If we receive multiple registrations from your organisation, we will put you in touch with each other so you can decide your final attendee, but we request organisations communicate internally as much as possible before registering anyone.

Registration will close at midday Friday 26 May 2023. Additional detailed information and joining instructions will be sent out to successful applicants by Thursday 1 June 2023.

There are 60 spaces available to industry and academia, the spaces will be allocated as below:

* Group A 50% of the spaces are ringfenced for Small Medium Enterprises (SMEs) and academia to support [MODs commitment to engaging with SMEs](https://www.gov.uk/government/publications/opportunity-and-innovation-the-defence-small-and-medium-sized-enterprise-action-plan/opportunity-and-innovation-the-defence-small-and-medium-sized-enterprise-sme-action-plan);
* Group B 50% of spaces are open to everyone.

If either group A or B is over-subscribed, we will prioritise attendance based on relevance to the RN’s platform capability development roadmap. This may include looking at elements like job titles (with those in technical roles given priority over sales/business development titles) and, if required, spaces will be allocated by random draw. If there are any vacant spaces in Group A, these will be offered to those in Group B.

For the avoidance of doubt:

This is a networking opportunity only. Neither the presentation nor discussions constitute any form of pre-qualification exercise. Any formal procurement process will be undertaken in accordance with the relevant Procurement Law. Nothing in the event or any other engagements with Industry prior to a formal procurement process, shall be construed as a representation as to the Authority’s ultimate decision in relation to any future requirement

To register to attend please complete [the sign up form here](https://forms.office.com/Pages/ResponsePage.aspx?id=7WB3vlNZS0iuldChbfoJ5YYQkh3NJF9EpJBW6irBnIZUMUNROVFJTEw2UElNSzRHQzVTRlBPWURaUS4u)

If you have any questions about the event or need to withdraw your registration, please contact [NAVYCOMRCL-MEPG@mod.gov.uk](mailto:NAVYCOMRCL-MEPG@mod.gov.uk)

Please do not contact individual RN personnel directly about the event.