



SESSION I: INFO SESSION ON ESA BUSINESS APPLICATIONS FOR SPACE SOLUTIONS PROGRAM AND OPEN CALLS

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PROGRAM AND OPEN CALLS

SERIES OF ONLINE EVENTS

FRIDAY, 19TH SEPTEMBER 2025, 09.30 - 11.00H

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PROGRAMME

Welcome and Opening Remarks by Roya Ayazi, Secretary General of NEREUS

- Brief general introduction to the ESA BASS program (Massimiliano Arcieri, ESA)

a.) Introduction to the open call on: Space for Monitoring Hazardous Materials

b.) Introduction to the open call on Underwater radiated noise

c.) Introduction to open call on Space for sustainability, sports and mass events

d.) Outlook to upcoming call Green Hydrogen

- Presentation of relevant best Practices/examples by companies, start-ups, reserach, universities etc.: tbc
- Q&A/ Discussion
- Closing

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PROGRAMME

Short description of the session:

As preparation for the upcoming European Symposium by NEREUS regions 2025, the session is part of a series that introduces the participants to the ESA BASS Program and open calls. The open calls are relevant to the conference topics of the European Symposium. The ESA Business Applications and Space Solutions (BASS) programme supports businesses in using space assets and data to develop innovative products and services. It provides funding, technical expertise, business mentoring, and access to networks to help companies bring space-enabled solutions to market. The program is active across various sectors, including health, education, agriculture, transportation, and energy. The session will elaborate on three domains where the agency invites proposals on the following topics:

- a) Space for Monitoring Hazardous Materials: supporting the development of space-enabled applications to identify, monitor, and manage hazardous substances like asbestos, heavy metals, and chemical pollutants, with a focus on environmental safety and regulatory compliance.
- b) Underwater radiated noise: this opportunity aims to support the development of innovative services that leverage space technology to address the challenges posed by underwater radiated noise (URN) to the marine environment. The Call for Proposals welcomes submissions for Feasibility Studies and Demonstration Projects.
- c) Space for sustainability, sports and mass events: supporting feasibility studies and demonstration projects that use satellite technologies to reduce the environmental impact of large-scale events, such as sports competitions, music festivals, and conferences, by enabling solutions for carbon reduction, sustainable mobility, biodiversity protection, and circular economy practices.
- d) Outlook to upcoming call Green Hydrogen

PROGRAMME

Objectives:

This webinar aims to provide an overview of the ESA BASS program and context, focusing on funding opportunities, key thematic areas, and practical steps of the bid procedure:

- Improve participants' awareness of funding opportunities
- Introduce into the Program and open Calls
- Stimulate interaction and exchange of European stakeholders from relevant domains, networking among potential project partners (matchmaking)
- Enhancing a clear understanding of the application and evaluation process and practical steps linked

Target Audience:

- NEREUS community and beyond
- Research community and academia
- Representatives of regional administrations and their entities
- SMEs and industry professionals working in security-related fields

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