

Space for Underwater Radiated Noise Management

ESA-Star News Item

This News Item presents an overview of the Thematic Call for Proposals entitled "[Space for Underwater Radiated Noise Management](#)" issued under the ARTES 4.0 Generic Programme Line "Business Applications – Space Solutions", "Space Systems for Safety and Security" (4S) and "Space for 5G/6G and Sustainable Connectivity" Strategic Programme Lines in the frame of standard call for proposals AO/1-10494. This Thematic Call for Proposals (CfP) for Applications Activities aims at developing space-based services and invites proposals for feasibility studies and demonstration projects for applications in the maritime and environment sector. Companies are encouraged to submit business propositions for the development of space-based services designed to enhance underwater radiated noise management. A description of the activity is available at this link: [Space for Underwater Radiated Noise Management](#)

The call is centred on, but not restricted to, the following areas of interest:

- **Quiet Maritime Environment:** covers quiet ship design, voluntary certification and compliance; quiet ship operation and quiet port initiatives.
- **Environmental Services:** covers URN in ESG and Digital Maritime Analytics, as well as underwater radiated noise monitoring, risk mapping of URN impacts and monitoring shipping and URN impact on Marine Protected Areas.
- **Subsea Activity Noise Management:** focuses on construction noise mitigation and managing continuous machinery noise.

The interested Industry partners are invited to submit their Activity Pitch Questionnaire (APQ) by following the guidelines available at this link [Activity Pitch Questionnaire guidelines](#) based on a template made available by ESA at this link: <https://business.esa.int/sites/business/files/APQ%20ProjectName.pdf> and further details are available in the [webpage](#). The completed Activity Pitch Questionnaire (APQ) shall be uploaded using the online web submitter on ESA's open space innovation platform (OSIP) under the channel [Outline Proposal for ARTES Downstream Business Applications – Feasibility Studies/Demonstration Projects](#).