

Pre-Commercial Procurement (PCP) H2020 project is looking for Earth Observation (EO) technologies applicable to the Marine sector

A PCP project of the H2020 is related to the marine earth observation. The project is now looking for offers from companies or researchers for introducing applications using earth observation data and services, applicable to marine. The interested parties should participate in a tender procedure. Then, the initial type of collaboration for the succeed solutions is the technical one. In the end, the commercially viable solutions will be contracted under commercial agreement.

A PCP (Pre-Commercial Procurement) project of the H2020 teams up a group of 5 maritime authorities, and a group of 4 scientific and technical organizations with significant experience in EO and maritime matters. The project is coordinated by a Greek research center. Maritime awareness is a top priority for Europe. It is sought either in regards of maritime security, border control against irregular immigration and safety of navigation or in regards of the marine environment and climate change. Awareness is sought both for sea-basins of traditional interest like the Mediterranean and the Atlantic as well as for basins currently trending like the Arctic. Copernicus, the Union's Earth observation (EO) and monitoring program produces a wealth of EO data and information that could serve as a basis to facilitate competent maritime Public Authorities (PAs) to carry-out their operations in a more efficient and effective way. To this end, the PCP aims at procuring the development of demand-driven EO-based services, adopted on open standards, bringing incremental or radical innovations in the field of maritime awareness and leveraging on the existing Copernicus Services and other products from the Copernicus portfolio. The PCP invites all interested parties to present their offers to bridging innovative downstream earth observation and Copernicus enabled services for integrated maritime environment, surveillance and security. This will be done through a call for tenders. Participation in the tendering procedure is open on equal terms to all types of operators from any country, regardless of their geographic location, size or governance structure. Proposals may be submitted by a single entity or consortia. Total budget available for the PCP is 2.769.106€(VAT excluded) The PCP aims at procuring the development of demand-driven EO-based services adopted on open standards, bringing incremental or radical innovations in the field of maritime awareness and leveraging on the existing Copernicus Services and other products from the Copernicus portfolio. The call for tenders focuses in two thematic areas (lots): a) Copernicus Marine Environment Monitoring and Climate Change (SATOCEAN) and b) Copernicus Security (SATSURVEILLANCE). The expected outcome under SATOCEAN is to provide three downstream feature services: - MARINE environmental status in hot spots - Detection of fish farms threats - Detection of vessels and icebergs in Arctic areas The expected outcome under SATSURVEILLANCE is to provide two downstream feature services: - Unusual or irregular activity monitoring around a critical infrastructure. - Enhanced change detection for evidence of embarking or disembarking of irregular immigrants. The PCP is looking for solutions ranging from concept stage to prototype available for demonstration. Various proposers are sought. The type of collaboration will be initially technical collaboration and later, if the solution reaches an acceptable level the procurement of it under commercial agreement with technical assistance.

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