European Commission

European Union

SEANICE

antiSubmarine warfare European Autonomous Networked Innovative and Collaborative Environment

SELECTED PROJECTS EUROPEAN DEFENCE INDUSTRIAL DEVELOPMENT PROGRAMME (EDIDP) 2020	
CALL TITLE:	**Underwater control contributing to resilience at sea**
TOPIC TITLE:	**Solutions to detect, identify, counter and protect against mobile manned, unmanned or autonomous underwater systems (including those operating at very high depths)**
DURATION OF THE PROJECT:	**24 months**
TYPE(S) OF ACTIVITIES:	**Study; Design; Prototyping; Testing**
TOTAL COST:	**€ 11,554,062.43**
MAXIMUM EU CONTRIBUTION :	**€ 9,008,524.74**

MEMBERS OF THE CONSORTIUM AND COUNTRY OF ESTABLISHMENT:

NAME OF THE ENTITY	COUNTRY
THALES (COORDINATOR)	France
AIRBUS DEFENCE & SPACE SAU	Spain
ALKAN SAS	France
ALSEAMAR	France
CEIIA - CENTRO DE ENGENHARIA E DESENVOLVIMENTO (ASSOCIACAO)	Portugal
EDISOFT - EMPRESA DE SERVIÇOS E DESENVOLVIMENTO DE SOFTWARE S.A.	Portugal
ENGINEERING INGEGNERIA INFORMATICA S.P.A.	Italy
GMVIS SKYSOFT S.A.	Portugal
LATVIAN MARITIME ACADEMY	Latvia
LEONARDO S.P.A.	Italy
NAVAL GROUP S.A.	France
RTSYS	France
SCALIAN DS	France
SIEL S.R.L.	Italy
UNIVERSITÉ LIBRE DE BRUXELLES	Belgium
WSENSE SRL	Italy

SHORT DESCRIPTION OF THE PROJECT:

SEANICE will develop a next generation antisubmarine warfare system based on manned-unmanned platforms teaming.

The project "antiSubmarine warfare European Autonomous Networked Innovative and Collaborative Environment" (SEANICE) targets the next-generation Antisubmarine Warfare system based on teaming manned-unmanned platforms, and will set the groundwork for an advance antisubmarine warfare system. It will build from a realistic operational scenario representing a likely use-case of Antisubmarine Warfare protection of a Task Group in the next decade within the European framework. SEANICE will take advantage of new edge technologies that leverage the best collaborative way to execute manned and unmanned missions in an optimized combination to enhance detection, tracking and classification capabilities.

Related PESCO project: Maritime Unmanned Anti-Submarine System (MUSAS)