



Q-SiNG

Quantum-based Simultaneous inertial Navigator and vector Gravimeter

SELECTED PROJECTS EUROPEAN DEFENCE FUND (EDF) 2021

CALL TITLE:

Open call dedicated to SMEs for research of innovative and future-oriented defence solutions

TOPIC TITLE:

Research on innovative and future-oriented defence solutions

DURATION OF THE PROJECT:

37 months

TYPE(S) OF ACTIVITIES:

Generating and integrating knowledge; Studies; Design

ESTIMATED TOTAL COST:

€ 3,855,716.94

MAXIMUM EU CONTRIBUTION :

€ 3,855,716.94



SHORT DESCRIPTION OF THE PROJECT:

Q-SiNG will provide a navigation system demonstrator for GNSS-denied areas.

The project “Quantum-based Simultaneous inertial Navigator and vector Gravimeter” (Q-SiNG) will demonstrate of a free-inertial high-accuracy navigation system, able to operate in GNSS-denied areas on all type of military vehicles, from submarines to aircraft.



**MEMBERS OF THE CONSORTIUM AND
COUNTRY OF ESTABLISHMENT:**



 NAME OF THE ENTITY	 COUNTRY
GEONUMERICS SL (Coordinator)	Spain
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE CNRS	France
CIVITANAVI SYSTEMS SPA	Italy
GEOMATICS RESEARCH & DEVELOPMENT SRL	Italy
IQUA ROBOTICS SOCIEDAD LIMITADA	Spain