



EUROPEAN UNION

EUROPEAN DEFENCE FUND



TICHE

Threats Identification by Collaborative vehicles for Human lifesaving against Explosives

SELECTED PROJECTS EUROPEAN DEFENCE FUND (EDF) 2022

CALL TITLE:

Research actions – Technological challenge

TOPIC TITLE:

Unmanned ground and aerial systems for hidden threats detection

DURATION OF THE PROJECT:

48

TYPE(S) OF ACTIVITIES:

Generating knowledge, Integrating knowledge, Studies, Design

ESTIMATED TOTAL COST:

€ 4,996,117.47

MAXIMUM EU CONTRIBUTION :

€ 4,996,117.47



SHORT DESCRIPTION OF THE PROJECT:

TICHE will develop a novel multiplatform to detect and characterize hidden improvised explosive devices (IED) and landmines in complex environments.

TICHE will participate in the technological challenge by developing a novel multiplatform collaborative solution to detect and characterize hidden Improvised Explosive Devices (IED) and landmines in complex environments, using a combination of advanced sensors, information fusion from those sensors, and unmanned ground and aerial systems to extend the detection capabilities. The developed solution will improve the state-of-the-art in support of military operations and lifesaving.



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



 NAME OF THE ENTITY	 COUNTRY
RINA CONSULTING - CENTRO SVILUPPO MATERIALI S.P.A. (Coordinator)	Italy
ADDITESS ADVANCED INTEGRATED TECHNOLOGY SOLUTIONS AND SERVICES LTD	Cyprus
AINOOUHAOU ANONYMI ETAIRIA	Greece
Consiglio Nazionale delle Ricerche	Italy
Deutsches Zentrum für Luft- und Raumfahrt e.V.	Germany
Flysight Srl	Italy
Intracom Defense S.A.	Greece
MOBILITY ION TECHNOLOGIES SL	Spain
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