

ACTOR

Aerodynamically Controlled Thrust ORientation for enhanced manoeuvrability in counter UAS and future advanced defence applications

SELECTED PROJECTS EUROPEAN DEFENCE FUND (EDF) 2023

CALL TITLE:

Disruptive EDF research actions

TOPIC TITLE:

Non-thematic research actions targeting disruptive technologies

DURATION OF THE PROJECT:

42 months

TYPE(S) OF ACTIVITIES:

Generating knowledge, Studies

ESTIMATED TOTAL COST:

€ 3,999,626.07

MAXIMUM EU CONTRIBUTION :

€ 3,999,626.07



SHORT DESCRIPTION OF THE PROJECT:

Project ACTOR general purpose is to develop Fluidic Thrust Vectoring (FTV) for C-UAS applications.

ACTOR will investigate a promising solution: the Fluidic Thrust Vectoring (FTV) which is a method of controlling the direction of thrust in aircraft and rocket engines using fluid dynamics principles rather than mechanical means. FTV retains the advantages of mechanical thrust vectoring (MTV) without the need of the complex hardware of the variable geometry devices.

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**Members of the consortium and
country of establishment:**

 NAME OF THE ENTITY	 COUNTRY
OFFICE NATIONAL D'ETUDES ET DE RECHERCHES AEROSPATIALES (Coordinator)	France
ABSISKEY	France
AMDC GMBH	Germany
ECOLE SUPERIEURE DES TECHNOLOGIES INDUSTRIELLES AVANCEES	France
INDUSTRIA DE TURBO PROPULSORES S.A.U.	Spain
UNIVERSITAET DER BUNDESWEHR MUENCHEN	Germany

