

DEMAROCK

Disruptive Electromagnetic 70 mm Rocket System

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:

24 months

TYPE(S) OF ACTIVITIES:

Generating knowledge, Integrating knowledge, Studies, Design

ESTIMATED TOTAL COST:

€ 3,970,518.93

MAXIMUM EU CONTRIBUTION :

€ 3,970,512.00



SHORT DESCRIPTION OF THE PROJECT:

The goal of DEMAROCK is to design an innovative and disruptive electromagnetic launcher for 70mm rockets, featuring an electromagnetic launch at high velocity.

DEMAROCK will design an innovative and disruptive electromagnetic launcher for 70mm rockets. The rocket flight will be initiated by an electromagnetic launch at high velocity, which after a precise timed duration, will ignite the rocket motor, thus extending the range. The project will focus on the rocket launcher, the rocket itself, the power system and structural design. The project will increase the range of air-to-ground rocket capabilities and possibly open new applications for air defence capabilities.



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



NAME

OF THE ENTITY



COUNTRY

Ytsab Defence AB (Coordinator)

Sweden

STICHTING KONINKLIJK NEDERLANDS LUCHT - EN
RUIMTEVAARTCENTRUM

The Netherlands

THALES BELGIUM SA

Belgium

