

CATHERINA

CAmouflage THERmal INtelligent and Adaptive

SELECTED PROJECTS EUROPEAN DEFENCE FUND (EDF) 2023

CALL TITLE:

Research actions focused on SMEs and research organisations

TOPIC TITLE:

Non-thematic research actions by SMEs and research organisations

DURATION OF THE PROJECT:

38 months

TYPE(S) OF ACTIVITIES:

Integrating knowledge, Studies, Design

ESTIMATED TOTAL COST:

€ 3,997,445.19

MAXIMUM EU CONTRIBUTION :

€ 3,997,445.19



SHORT DESCRIPTION OF THE PROJECT:

The goal of CATHERINA is to create a holistic, ground breaking textile solution towards a multi-level disguise, contributing to the safety of the European armed forces soldiers and equipment.

The project will integrate optically adaptive camouflage with infrared and thermal detection-resistant properties to create a smart textile that will protect tomorrow's soldiers in the theatre of battle. Each developed characteristic brings unique capabilities to create a holistic, ground breaking textile solution towards a multi-level disguise, contributing to the safety of the European armed forces soldiers and equipment.



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

 NAME OF THE ENTITY	 COUNTRY
GAHN LOGISTICA GESTION Y CONSULTORIA, SA (Coordinator)	Spain
AALTO KORKEAKOULUSAATIO SR	Finland
APRESTOS DE LANERÍA S.A.	Spain
DEUTSCHE INSTITUTE FUR TEXTIL- UND FASERFORSCHUNG DENKENDORF	Germany
FUNDACIO INSTITUT DE CIENCIES FOTONIQUES	Spain
OMT SOLUTIONS BV	The Netherlands
VOXDALE BV	Belgium

