



ECOBALLIFE

Research in eco-designed ballistic systems for durable lightweight protections against current and new threats in platform and personal applications

SELECTED PROJECTS EUROPEAN DEFENCE FUND (EDF) 2021

CALL TITLE:

Advanced materials and structures, and critical electronics

TOPIC TITLE:

Materials and structures for enhanced protection in hostile environments

DURATION OF THE PROJECT:

42 months

TYPE(S) OF ACTIVITIES:

Generating and integrating knowledge; Studies; Design

ESTIMATED TOTAL COST:

€ 10,004,286.32

MAXIMUM EU CONTRIBUTION :

€ 10,004,286.32



SHORT DESCRIPTION OF THE PROJECT:



ECOBALLIFE will use new technologies to improve protection for soldiers and vehicles.

The project “Research in eco-designed ballistic systems for durable lightweight protections against current and new threats in platform and personal applications” (ECOBALLIFE) will identify, create and improve knowledge, new materials and technologies to ensure a high level of protection against a wide range of threats, reducing the risk of injury to soldiers. It will identify European know-how in the field of military protection systems along the whole value chain from raw material industries to validation and test facilities. The project will integrate all European actors who can contribute to the improvement of the European defence system by inviting non-traditional players in the defence sector.



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



 NAME OF THE ENTITY	 COUNTRY
FUNDACION TECNALIA RESEARCH & INNOVATION (Coordinator)	Spain
AMIRES SRO	Czech Republic
ASOCIACION DE INVESTIGACION DE LA INDUSTRIA TEXTIL	Spain
BOGGES SPOL.	Czech Republic
CENTRO TECNOLOGICO DAS INDUSTRIAS TEXTIL E DO VESTUARIO DE PORTUGAL	Portugal
COMMISSARIAT A L ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES	France
ETHICAL & LEGAL PLUS SL	Spain
Exote Oy	Finland
FY-COMPOSITES OY	Finland
IDEIA.M, Lda	Portugal
INDUSTRIAL OLMAR S.A.	Spain
LEONARDO - SOCIETA PER AZIONI	Italy
Miilux Oy	Finland
PETROCERAMICS SPA	Italy
Sasia - Reciclagem de Fibras Têxteis, SA	Portugal

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



NAME
OF THE ENTITY

TEKNOLOGIAN TUTKIMUSKESKUS VTT OY



COUNTRY

Finland