



**EUROPEAN UNION**

# EUROPEAN DEFENCE FUND



# UTILE

## Ensuring Circularity of Soldier Personal Protection Equipment

### SELECTED PROJECTS EUROPEAN DEFENCE FUND (EDF) 2022

**CALL TITLE:**

Research actions for SMEs and Research Organisations

**TOPIC TITLE:**

Non-thematic research actions by SMEs and research organisations

**DURATION OF THE PROJECT:**

36

**TYPE(S) OF ACTIVITIES:**

Integrating knowledge, Studies, Design

**ESTIMATED TOTAL COST:**

€ 3,879,740.70

**MAXIMUM EU CONTRIBUTION :**

€ 3,879,740.70



### SHORT DESCRIPTION OF THE PROJECT:

**UTILE will improve the circularity of soldier personal protection equipment (SPE).**

UTILE project aims at developing several technologies that allow the implementation of circular strategies to recover and reuse different soldier personal protection equipment (SPE), which are used by different EU Member States armed forces. In parallel, UTILE is developing a digital platform including artificial intelligence (AI)-based Decision Support Systems and blockchain technologies for traceability, circularity, environmental and cost benefit analysis considerations for a holistic circular approach at EU level to the SPE value chain.



@defis\_eu



**#StrongerEurope  
#EUDefenceIndustry**

© European Union, 2023. Reuse of this document is allowed, provided appropriate credit is given and any changes are indicated.

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



 <b>NAME</b> OF THE ENTITY	 <b>COUNTRY</b>
FABRICA ESPANOLA DE CONFECCIONES SA (Coordinator)	Spain
ASOCIACION DE INVESTIGACION DE LA INDUSTRIA TEXTIL	Spain
FUNDACION PARA EL DESARROLLO Y LA INNOVACION TECNOLÓGICA	Spain
Hilaturas Arnau, S.L.	Spain
INSTYTUT TECHNOLOGII BEZPIECZENSTWA MORATEX	Poland
Life Cycle Engineering	Italy
Noctuo Sp.z o.o.	Poland
Research Driven Solutions Ltd	Ireland
Società de Azione Fratelli Citterio	Italy