



ABITS

Advanced Biometrics In Training and Simulation

SELECTED PROJECTS EUROPEAN DEFENCE FUND (EDF) 2021

CALL TITLE:

Open call dedicated to SMEs for development of innovative and future-oriented defence solutions

TOPIC TITLE:

Development of innovative and future-oriented defence solutions

DURATION OF THE PROJECT:

24 months

TYPE(S) OF ACTIVITIES:

Studies; Design; Prototyping; Testing; Qualification; Increasing efficiency

ESTIMATED TOTAL COST:

€ 2,455,309.24

MAXIMUM EU CONTRIBUTION :

€ 2,225,407.74



SHORT DESCRIPTION OF THE PROJECT:

ABITS will develop an in-door tactical training solution using advanced biometrics.

The research project “Advanced Biometrics In Training and Simulation“ (ABITS) will develop an in-door tactical training solution that integrates data driven, physiological sensor based, quantification of performance, wellbeing and analytics in the training-simulation loop. It will capture and quantify trainee's psychophysical state, e.g. attention, stress, cognitive load, based on non-invasive physiological sensors integrated into training and simulation environment.



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



 NAME OF THE ENTITY	 COUNTRY
GUARDIARIS DOO (Coordinator)	Slovenia
SMARTEX SRL	Italy
VIEWPOINTSYSTEM GMBH	Austria