



This project has received funding from the European Union's Preparatory Action for Defence Research - PADR programme under grant agreement No 800871 [ACAMSII]



## Adaptive Camouflage for the Soldier II (ACAMSII)



Under the Preparatory Action on Defence Research (PADR), the grant for the Research Action call on the topic of Force protection and advanced soldier systems beyond current programmes, subtopic Adaptive Camouflage, was concluded. The awarded project, called ACAMSII, was signed on 27 April 2018. Led by Totalförsvarets forskningsinstitut (FOI) - Sweden, ACAMSII's consortium encompasses 6 other participants from 5 countries. The project, which has a duration of 36 months, will receive an EU grant of roughly €2.6 million.

PADR Call 2017-FPSS-Subtopic c – Information on the awarded project		
<b>Name of the project</b>	Adaptive Camouflage for the Soldier II	
<b>Short name</b>	ACAMSII	
<b>Summary of the project</b>		
ACAMSII aims to integrate several active and passive adaptation mechanisms into a textile-based soldier camouflage system. It will address several wavelengths bands, such as visual, near infrared, short wave infrared, thermal infrared and radar. Military needs on sensing, fire power, mobility and endurance are considered. The reduction in detection range and hence the increase in survivability will be assessed using both well-established methods and new methods to capture the adaptive properties. The dialogue with military end-users will start early in the project to set requirements and continue throughout the project to ensure relevance.		
<b>Project duration</b>	36 months	
<b>Starting date</b>	1 May 2018	
<b>Total EU Contribution requested</b>	€ 2,631,507.00	
<b>List of participants</b>		
<b>#</b>	<b>Name of the entity</b>	<b>Country</b>
1	TOTALFORSVARETS FORSKNINGSINSTITUT (FOI)	Sweden
2	CENTRO TECNOLOGICO DAS INDUSTRIAS TEXTIL E DO VESTUARIO DE PORTUGAL (CITEVE)	Portugal
3	FRAUNHOFER GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V. (IOSB)	Germany
4	DAMEL - CONFECÇÃO DE VESTUÁRIO LDA (DAM)	Portugal
5	TEXTILE INSTITUTE OF CENTER FOR PHYSICAL SCIENCES AND TECHNOLOGY (FTMC)	Lithuania
6	NEDERLANDSE ORGANISATIE VOOR TOEGEPAST NATUURWETENSCHAPPELIJK ONDERZOEK TNO (TNO)	The Netherlands
7	SAFRAN ELECTRONICS & DEFENSE (SAF)	France