



Autonomous Rough-terrain Transport UGV Swarm (ARTUS)

Under the Preparatory Action on Defence Research (PADR), the grant for the Research Action call on the topic 'Future Disruptive Defence Technologies – Emerging Game-changers', subtopic (5) 'Augmenting soldier capacity' was signed on 21 December 2020. The awarded project, called ARTUS, is led by Fraunhofer-Gesellschaft (Germany). The consortium encompasses a total of 4 participants from 3 countries. The project, which has a duration of 24 months, will receive an EU grant of roughly €1,5 million.

PADR Call FDDT-EMERGING-03-2019 – Information on the awarded project			
Name of the project		Autonomous Rough-terrain Transport UGV Swarm	
Short name		ARTUS	
Summary of the project			
ARTUS project will develop a technological feasibility concept and demonstrator for a small swarm of intelligent and autonomously operating Unmanned Ground Vehicles to support infantry platoons during their missions. The supporting swarm will significantly augment their capacity by: providing substantially added payload for the entire equipment through harsh environments, including densely wooded or sloped areas; reacting autonomously to unexpected developments, such as losses of parts of the swarm; increasing the unit's mobility and flexibility; and increasing the overall protection level of the troops.			
Project duration		24 months	
Starting date		1 February 2021	
Maximum foreseen EU Contribution		€ 1.527.268,75	
List of participants			
#	Name of the entity	Country	EU Contribution requested by the entity
1	Fraunhofer Gesellschaft zur Förderung der Angewandten Forschung E.V.	Germany	€ 373.303,58
2	Office National d'Etudes et de Recherches Aerospatiales	France	€ 325.760,95
3	charismaTec OG	Austria	€ 420.217,09
4	Diehl Defence GmbH & Co. KG	Germany	€ 407.987,13

