

ARTUS

Emerging Game Changers

PADR-FDDT-EMERGING-03-2019

NAME OF THE PROJECT Autonomous Rough-terrain Transport UGV Swarm

SHORT NAME ARTUS

GRANT AGREEMENT NUMBER 883465

OBJECTIVE OF THE PROJECT

ARTUS will demonstrate the feasibility of an intelligent small swarm of (3 to 12) Unmanned Ground Vehicles (UGV) that will closely follow a platoon in various terrains. It will be capable to dynamically react to changing mission scenarios on its path. The swarm greatly changes the soldiers' capacity as it carries major logistical supply of the troops, including nutrition, ammunition and special gear, through harsh environments, including densely wooded or sloped areas. The swarm of UGVs could also carry wounded soldiers

PROJECT DURATION 24 months

STARTING DATE 1 February 2021

GRANTED EU CONTRIBUTION € 1.527.268,75

LIST OF PARTICIPANTS

#	NAME OF THE ENTITY	COUNTRY
1	FRAUNHOFER GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V.	Germany
2	OFFICE NATIONAL D'ETUDES ET DE RECHERCHES AEROSPATIALES	France
3	CHARISMATEC OG	Austria
4	DIEHL BGT DEFENCE GMBHCOKG	Germany