Fiche developed in the frame of	TYPE:		AREA:
	Conference	Training	**Robotics, autonomous systems, artificial intelligence**
	European, national, regional **project**	University course Postgraduate studies	**C4ISTAR : command, control, communications, computers, information/intelligence, surveillance**
	Policy	Journal	Cybersecurity

Title:

Unmanned Ground Systems (CUGS)

Description	Combat Unmanned Ground Systems (CUGS), was launched to develop highly autonomous combat unmanned ground systems and it's brings together nine member states and 28 European industry partners.
Goal	The project aims to choose and adapt 3 different categories of platforms, and to define, design and develop a set of functional modules which will be articulated in full demonstrators for highly autonomous combat unmanned ground systems. The platforms and functional modules will provide solutions for: • Navigation, • Communications, command and control (C3), and cooperation (including secure C3 for firing chain), • Effector management. The project will be constituted by the following three phases: • Phase 1: requirements and standard-based system architecture of the full CUGS demonstrator. • Phase 2: adaptation of platforms and development of combat functional modules, in parallel. • Phase 3: integration of all the functional modules and associated intelligent functions into the platforms to demonstrate combat abilities on operational scenarios.
Lead Partner	Leonardo (Italy)
Partners involved	Iveco, Larimart and MBDA IT (Italy), John Cockerill Defence, FN Herstal and the Royal Military Academy of Belgium (Belgium), Diehl Defence, KMW, MBDA DE and Rheinmetall (Germany), Milrem Robotics, Estonia and the Estonian Military Academy (Estonia), Patria and Bittium (Finland), Nexter, Safran, Thales, MBDA FR and Arquus (France), TNO, Demcon and NCIM (Netherlands), Kongsberg and FFI (Norway), WAT, PIAP, ZMT and ASW (Poland)
Duration	36 months (2022-2024)
Results	
Funding	European Defence Agency (EDA), co-funded by Member States
www	https://eda.europa.eu/news-and-events/news/2023/02/03/new-eda-project-seeks-to-enhance-combat-unmanned-ground-systems-technology

ASSETs+ "Alliance for Strategic Skills addressing Emerging Technologies in Defence". Project No 612678-EPP-1-2019-1-IT-EPPKA2-SSA-B

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