



SIGNAL |

Photonics-bAsed SIGINT payload fOr Class II RPAS

SELECTED PROJECTS EUROPEAN DEFENCE INDUSTRIAL DEVELOPMENT PROGRAMME (EDIDP) 2020

CALL TITLE: Innovative and future-oriented defence solutions

TOPIC TITLE: N/A

DURATION OF THE PROJECT: 30 months

TYPE(S) OF ACTIVITIES: Study; Design; Prototyping; Testing

TOTAL COST: € 3,062,014.00

MAXIMUM EU CONTRIBUTION: € 2,492,526.63

MEMBERS OF THE CONSORTIUM AND COUNTRY OF ESTABLISHMENT:

NAME OF THE ENTITY	COUNTRY
DAS PHOTONICS SL. (COORDINATOR)	Spain
DA GROUP	Finland
TEKEVER UAS	Portugal

SHORT DESCRIPTION OF THE PROJECT:

SIGNAL aims to develop innovative payload to improve resilience in complex and/or saturated electromagnetic environments to be installed in small flexible platforms such as tactical drones.

The project "Photonics-bAsed SIGINT payload fOr Class II RPAS" (SIGNAL) covers the study, design, prototyping and testing of an innovative Electronic Support Measures (ESM) and Electronic Intelligence (ELINT) system capable of being installed in Class II RPAS systems with the complete information gathering capabilities. A major advantage of the solutions is that it can be installed on small flexible platforms that can be updated and deployed according to the threats and battlefield scenario evolution in order to ensure Information Superiority in complex and/or saturated electromagnetic environments.