

PEONEER

Persistent Earth Observation for actioNable intElligence survEillance and Reconnaissance

SELECTED PROJECTS -EUROPEAN DEFENCE INDUSTRIAL DEVELOPMENT PROGRAMME (EDIDP) 2019

CALL TITLE:	Permanent air or space capabilities for Intelligence, Surveillance and Reconnaissance (ISR) and communication, tactical Remotely Piloted Air Systems (RPAS) and sensor suite for integration into air-traffic management
TOPIC TITLE:	Persistent earth observation from space with automated interpretation of data and information, including artificial intelligence, cloud solutions and real time on-board processing by sensors
DURATION OF THE PROJECT:	36 months
TYPE(S) OF ACTIVITIES:	Study; Design; Prototyping; Testing
TOTAL COST:	€ 8,481,137.00
MAXIMUM EU CONTRIBUTION :	€ 7,253,304.00

MEMBERS OF THE CONSORTIUM AND COUNTRY OF ESTABLISHMENT:

NAME OF THE ENTITY	COUNTRY
E-GEOS S.P.A. (COORDINATOR)	Italy
AIRBUS DS SAS	France
EARTHCUBE	France
HISDESAT SERVICIOS ESTRATÉGICOS, SA.	Spain
ATEM NUEVAS TECNOLOGIAS SL	Spain
UAB ELSIS PRO	Lithuania
TERMA A/S	Denmark
SPACEMETRIC AB	Sweden
TOVEK, SPOL. S R.O	Czechia
DEFSECINTEL SOLUTIONS OÜ	Estonia

SHORT DESCRIPTION OF THE PROJECT:

PEONEER addresses feasibility studies, design, prototype and testing of a software platform, which will implement the Activity Based Intelligence (ABI) concept to complement the geo spatial activities by integrating data from multiple sources to discover relevant patterns, determine and identify changes, and characterize those patterns to drive collection and create decision advantage. The software platform will support geo-intelligence analysts in the following tasks: definition of suitable satellite and non-satellite data collection strategy to carry out ABI tasks; automatic extraction and recognition of features, entities and motion information through artificial intelligence techniques; definition of workflows for ABI for sea and land applications to improve decision making processes.

Related PESCO project: Not Applicable