

STAALION

Space Threats Analysis based on Automated real-time In-situ capabilities and Onboard processing decentralized Network

SELECTED PROJECTS EUROPEAN DEFENCE FUND (EDF) 2023

CALL TITLE:

Development actions dedicated to SMEs

TOPIC TITLE:

Non-thematic development actions by SMEs

DURATION OF THE PROJECT:

24 months

TYPE(S) OF ACTIVITIES:

Integrating knowledge, Studies, Design, System prototyping

ESTIMATED TOTAL COST:

€ 6,376,756.30

MAXIMUM EU CONTRIBUTION :

€ 5,994,239.65



SHORT DESCRIPTION OF THE PROJECT:



STAALION aims to demonstrate the potential performances of Space Domain Awareness and will extend current surveillance and identification capabilities.

The EU increasingly relies on space infrastructure to deliver its services for the public, institutions and governments, which results in an increased level of threats toward its satellites. Space is a strategic domain for Europe and STAALION aims at demonstrating the potential performances of In-Situ Space Domain Awareness and will extend current surveillance and identification capabilities, increasing availability of timely information with improved identification capabilities and introduce in-situ characterization capability of potential space threats.

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**Members of the consortium and
country of establishment:**

 NAME OF THE ENTITY	 COUNTRY
NURJANA TECHNOLOGIES SRL (Coordinator)	Italy
INFINITE ORBITS	France
LMO	Luxembourg
LAMBDA-X HIGH TECH SRL	Belgium
OFFICINA STELLARE SPA	Italy
SKYLABS VESOLJSKE TEHNOLOGIJE DOO	Slovenia
VYOMA GMBH	Germany

