



EUROPEAN UNION

EUROPEAN DEFENCE FUND



REACTS

Responsive European Architecture for Space

SELECTED PROJECTS EUROPEAN DEFENCE FUND (EDF) 2022

CALL TITLE:

Research actions

TOPIC TITLE:

Responsive space system

DURATION OF THE PROJECT:

21

TYPE(S) OF ACTIVITIES:

Studies, Design

ESTIMATED TOTAL COST:

€ 19,261,881.25

MAXIMUM EU CONTRIBUTION :

€ 19,261,887.00



SHORT DESCRIPTION OF THE PROJECT:

REACTS will provide an interoperable, resilient and scalable Network of Responsive Space Systems (RSS).

REACTS aims to provide European Member States with a new disruptive and collaborative defence capability: a resilient and scalable Network of Responsive Space Systems (RSS), fully interoperable, able to launch satellites and commence data delivery within a timeframe of 72 hours. The project will define a holistic architecture based on the End-user needs, develop a concept of operations (CONOPS), create the roadmap for each technical and governing segment of RSS Network of Systems, provide an analysis and description for RSS Interface standards, design a software-based configuration and simulate the achievable responsiveness.



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