

LUCID

Lunar and Cislunar Identification and Detection

SELECTED PROJECTS EUROPEAN DEFENCE FUND (EDF) 2024

CALL TITLE:**TOPIC TITLE:****DURATION OF THE PROJECT:****TYPE(S) OF ACTIVITIES:****ESTIMATED TOTAL COST:****MAXIMUM EU CONTRIBUTION :**

Research actions focused on SMEs and research organisations

Non-thematic research actions by SMEs and research organisations

24 Months

Studies, Design

€ 3,826,474.44

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SHORT DESCRIPTION OF THE PROJECT:

The project will study the military specificities of cislunar space-based threat detection through ground radio frequency and passive optical detection means as well as a cislunar patroller spacecraft.

European space and cislunar autonomy is being challenged by cooperative and non-cooperative missions. LUCID will help preserve sovereignty of European long-term plans and Europe's ability to strengthen its strategic position at a time when space occupancy is being extended to cislunar space. It will integrate a communication chain between the ground and the onboard (flight) segment to increase the capability of identifying a spacecraft navigating in the Cislunar orbit and monitor its position.




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

|  NAME OF THE ENTITY |  COUNTRY |
|--|--|
| ALDORIA (Coordinator) | France |
| LMO | Luxembourg |
| ODYSSEUS SPACE SA | Luxembourg |
| RICARDO DOMINGOS & BERGANO LDA | Portugal |

