

Sustainable aircraft circular design and additive manufacturing, towards a climate neutral aviation

Horizon Europe

CODICE

HORIZON-CL5-2027-03-D5-08

LOCALITÀ

Europa

PROGRAMMA

Horizon Europe

GENERATO IL

25 settembre 2026

AMBITO

Internazionale

STATO

In Attesa

CURATO DA

Marlene Faria

Dettagli Finanziari

TIPO DI SUPPORTO

Fondo perduto

BUDGET

5M€

TASSO MASSIMO DI FINANZIAMENTO

100%

VALORE DI PROGETTO AMMISSIBILE

Up to 2.5M€

Date e Scadenze

DATA DI PUBBLICAZIONE

25 settembre 2026

DATA DI APERTURA

15 dicembre 2026

Fasi di Candidatura

- Phase 1: 14 aprile 2027 alle ore 15:00

Obiettivi

Objectives

The main objective of this call is to advance additive design and manufacturing (AD/AM) of aircraft and engine structural components utilizing metals, high-value polymers, and composites. It aims to address challenges in achieving superior performance compared to current technologies, with a focus on overcoming issues such as residual

stresses, phase transformations, joining, defects, and reproducibility. Projects should target sustainable circular aircraft design and component manufacture, contributing to strategic orientations including the green and digital transitions. Eligible entities include research organizations, industrial stakeholders, and other legal entities (excluding those established in China) from EU Member States and associated countries.

Funding

Funding will take the form of a lump sum grant under Horizon Europe Research and Innovation Actions (RIA). The total envelope for this topic is €5,000,000, with EU contributions per project expected to be around €2,500,000. Co-financing rates can reach up to 100% of eligible costs, according to Horizon Europe rules. The topic is structured as a single-stage call. A maximum of 2 projects are expected to receive funding. Specific funding details, including allocation guidelines and eligible cost categories, are detailed in the respective Horizon Europe General Annexes.

Spese Ammissibili

- Personnel Costs
- Travel costs
- Equipment costs
- Other goods, works and services costs
- Subcontracting
- Indirect Costs

Idoneità

Settori Idonei

- Industria
- Energia e Ambiente
- Aerospazio e Difesa

Tipologie Aziendali

- Microimpresa
- PMI
- Small Mid-Cap
- Mid-Cap
- Grande impresa
- Enti di ricerca
- Enti privati non profit
- Enti pubblici

Modalità di Candidatura

- Aggregata / Partenariato

Tipi di Azione

- Research and Innovation Action
- Additive Manufacturing
- Sustainable Circular Design
- Maintenance and Repair Technologies

- Recycling High-Value Materials

Dettagli Programma UE

ID BANDO

HORIZON-CL5-2027-03-D5-08

DESTINAZIONE

Destination 5: Clean and competitive solutions for all transport modes

CONTRIBUTO UE

around 2 500 000 EUR

REGOLA DEL TASSO DI FINANZIAMENTO

Up to 100% of eligible costs for Research and Innovation Actions (RIA)

CLUSTER

Cluster 5: Climate, Energy and Mobility

MODALITÀ DI PRESENTAZIONE

Single-stage

PROGETTI PREVISTI

2

Link Ufficiali

Regolamento Ufficiale:

<https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/topic-details/HORIZON-CL5-2027-03-D5-08?order=DESC&pageNumber=1&pageSize=50&sortBy=relevance&keywords=HORIZON-CL5-2027-03-D5-08&isExactMatch=true&status=31094501,31094502,31094503>

Pagina Grantavia: <https://grantavia.com/it/incentives/sustainable-aircraft-circular-design-and-additive-manufacturing-towards-a-climate-neutral-aviation>

Prenota un incontro: <https://bookings.cloud.microsoft/book/Prenotaunappuntamento@epsa.com/?ismsaljsauthenticated>