

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

Horizon Europe

CÓDIGO	ÂMBITO
HORIZON-CL5-2027-03-D5-08	Internacional
LOCALIZAÇÃO	ESTADO
Europa	Pendente
PROGRAMA	CURADORIA DE
Horizon Europe	Marlene Faria
GERADO EM	
25 de setembro de 2026	

Detalhes Financeiros

TIPO DE APOIO	TAXA MÁXIMA DE FINANCIAMENTO
Fundo Perdido	100%
DOTAÇÃO	VALOR ELEGÍVEL DO PROJETO
5M€	Up to 2.5M€

Datas e Prazos

DATA DE PUBLICAÇÃO	DATA DE ABERTURA
25 de setembro de 2026	15 de dezembro de 2026

Fases de Candidatura

- Phase 1: 14 de abril de 2027 às 15:00

Objetivos

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.

Despesas Elegíveis

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

Elegibilidade

Setores Elegíveis

- Indústria
- Energia & Ambiente
- Aeroespacial & Defesa

Tipologia das Empresas

- Micro
- PME
- Small Mid-Cap
- Mid-Cap
- Grande
- Entidades não empresariais do sistema de I&I (ENESII)
- Entidades privadas sem fins lucrativos
- Entidades públicas

Modalidade de Candidatura

- Consórcio / Copromoção

Tipos de Ação

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

- Recycling High-Value Materials

Detalhes do Programa UE

ID DA CHAMADA

HORIZON-CL5-2027-03-D5-08

DESTINO

Destination 5: Clean and competitive solutions for all transport modes

CONTRIBUIÇÃO UE

around 2 500 000 EUR

REGRA DE TAXA DE FINANCIAMENTO

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

CLUSTER

Cluster 5: Climate, Energy and Mobility

MODO DE SUBMISSÃO

Single-stage

PROJETOS ESPERADOS

2

Links Oficiais

Regulamento Oficial:

<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>

Página no Grantavia: <https://grantavia.com/pt/incentives/sustainable-aircraft-circular-design-and-additive-manufacturing-towards-a-climate-neutral-aviation>

Agendar reunião: <https://calendly.com/sandra-cardoso-epsa/reuniao>