

Noise reduction breakthroughs for new ultraefficient aircraft

Horizon Europe

CODE	SCOPE
HORIZON-CL5-2027-04-Two-Stage-D5-09	International
LOCATION	STATUS
Europe	Pending
PROGRAM	CURATED BY
Horizon Europe	Marlene Faria
GENERATED AT	
September 25, 2026	

Financial Details

SUPPORT TYPE	MAXIMUM FUNDING RATE
Non-Refundable	100%
BUDGET	ELIGIBLE PROJECT VALUE
5M€	Up to 2.5M€

Dates & Deadlines

PUBLICATION DATE	OPENING DATE
Not defined	December 15, 2026

Application Phases

- Fase 1: April 14, 2027 at 03:00 PM
- Fase 2: October 7, 2027 at 03:00 PM

Objectives

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This topic aims to develop breakthrough solutions for noise reduction in next-generation ultraefficient aircraft , particularly large passenger aircraft equipped with open fan engines and ultra-high bypass ratio propulsion architectures . Projects should improve the prediction, assessment and mitigation of aircraft noise while supporting the deployment of more fuel-efficient and climate-friendly aviation technologies. The topic seeks to strengthen Europe's leadership in sustainable aviation by addressing both external noise impacts and cabin noise reduction.

Funding

The topic has an indicative budget of €5 million , with the European Commission expecting to fund approximately 2 projects . The indicative EU contribution is around €2.5 million per project . Funding is provided through a Horizon Europe Research and Innovation Action (RIA) , allowing up to 100% funding of eligible costs in accordance with Horizon Europe rules.

Eligible Expenses

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

Eligibility

Eligible Sectors

- Industry
- Mobility & Transport
- Aerospace & Defense

Company Typologies

- Micro
- Sme
- Small Mid-Cap
- Mid-Cap
- Large
- Private non-profit entities
- Public entities

Application Mode

- Consortium / Copromotion

Action Types

- Research and Innovation Action

EU Programme Details

CALL ID

HORIZON-CL5-2027-04-Two-Stage-D5-09

CLUSTER

Cluster 5: Climate, Energy and Mobility

DESTINATION

Destination 5: Clean and competitive solutions for all transport modes

SUBMISSION MODE

Two-stage

EU CONTRIBUTION

around 2,500,000 EUR per project

EXPECTED PROJECTS

2

FUNDING RATE RULE

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

Official Links

Official Regulation:

<https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/topic-details/HORIZON-CL5-2027-04-Two-Stage-D5-09?order=DESC&pageNumber=1&pageSize=50&sortBy=relevance&keywords=HORIZON-CL5-2027-04-Two-Stage-D5-09&isExactMatch=true&status=31094501,31094502,31094503>

Grantavia page: <https://grantavia.com/en/incentives/noise-reduction-breakthroughs-for-new-ultraefficient-aircraft>

Schedule a meeting: <https://calendly.com/sandra-cardoso-epsa/reuniao>