

AEROCHALLENGE 2022

Contest for students on new ideas connected with the future of the Aerospace Industry

The Aeronautics and Space Cluster of the Basque Country – HEGAN has announced the **1st Ideas Contest for the future of the Aerospace Industry, Aerochallenge 2022**, with the objective of fostering entrepreneurial initiative within the training community.

The contest is open to groups and/or teams **of students, PhD students, researchers...** and a prize will be awarded to the best disruptive idea, or idea close to business with an impact oriented to **sustainability in the aeronautics and space industry on one of the following topics:**

- Onboard systems
- New aircraft concepts (propulsion, structure, systems, operation)
- Drones / UAVs, Ground systems, Autopilot systems...
- Advanced manufacturing, digitalisation, Industry 4.0...
- New Space
- New Launchers and Satellites (minisats, cubesats...)

The intellectual property of the ideas presented belongs to the contestants.

REQUIRED DOCUMENTS

PDF presentation (maximum 20 slides) and/or Video (recommended duration max. 6 minutes). **This media should specify the following:**

- Identification of the participating team: Name of the team; names and surnames and student accreditations of all team members.
- Description of the idea, concept, solution and problem it solves (weight 25%)
- Innovativeness of the idea (weight 25%)
- Technological component (weight 25%)
- Social and environmental impact (weight 25%)

JURY

The jury will be composed of **5 senior professionals** from the Aerospace Sector (aeronautics and space) and an experienced teacher.

MECHANICS and DEADLINES

- **Submission of the idea:** e-mail to arodriguez@hegan.aero, with the subject line *Aerochallenge 2022 and the name of the Team*, including the documentation described above and the full name and contact telephone number of the team spokesperson.

Deadline for submission: 5 September 2022, 24h.

- **Pre-selection:** after receipt of the Ideas, the Jury will deliberate and select a maximum of 6.

A contact session will be opened with the pre-selected ideas in order to clarify doubts, expand on concepts and gather more information.

- **Final deliberation:** the Jury will decide on the winner; all the Teams will be notified and the considerations on which the decision has been taken will be included.

Date of communication of the Prize Award: 20 September.

- **Award Ceremony:** The Team will receive the award in person at the **closing ceremony of Aerotrends 2022, on Friday 7 October**. The Aerotrends 2022 Congress will be held from 6 to 7 October at the Bizkaia Aretoa - UPV/EHU, Bilbao:



AWARD

The award, which is **granted by ITP Aero**, will consist of an **endowment of €2,000**:



Trophy designed and manufactured in AM by the **CFAA**:



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