

Aerochallenge 2020

Prize for new ideas from students relating to the future of the aerospace industry

The Basque Aerospace Cluster announces the **First Competition of Ideas for the future of the Aerospace Industry, Aerochallenge 2020**, with the aim of encouraging entrepreneurship within the educational community.

Open to groups and/or teams **of students, doctoral students and researchers...**, a prize will be awarded for **the best disruptive or business-related idea with an impact on sustainability in the aerospace sector** in one any of the following topics:

- New aircraft concepts (propulsion, structure, systems, performance...)
- Advanced Manufacturing, Digitalisation, *Industry 4.0*...
- Electrification, Hybridisation...
- Drones/UAVs, Ground Systems, Autopilots...
- New Space
- New Launchers and Satellites (minisats, cubesats...)
- On-board Systems

Copyright of the ideas submitted belongs to the competitors

DOCUMENTATION TO BE DELIVERED

PDF document (maximum 5 pages of A4) and/or Video (with a maximum length of 2:30 minutes). **This supporting documentation must specify the following:**

- Identification of the participating team: surnames, forenames and a list of their student credentials
- Description of the idea, concept, solution and (if applicable) problem to be resolved
- Innovation of the same
- Technological Component (if applicable)
- Social and environmental impact (if applicable)

PANEL

It will be comprised of four senior professionals and one experienced teacher in the sector.

PROCEDURES AND DEADLINES

- **Submission of idea:** e-mail to arodriguez@hegan.aero; the subject of the e-mail must include "Aerochallenge 2020", the full name of the spokesperson of the team and a contact telephone number. Deadline for submission: Monday 15 June 2020 at 23.59 hours.

A maximum of six ideas will be selected from those received and will be presented during the **Aerotrends 2020 Conference on Friday, 30 October at the Bizkaia Aretoa - University of the Basque Country - UPV/EHU:**



- **Elevator pitches:** During the relevant session, each idea will be defended for five minutes, with supporting arguments to convince the panel on the substance of the innovation and its feasibility.

After the session, the Panel will deliberate and reach its final decision.

- **Presentation of the Prize:** During the closing act of Aerotrends 2020, that same Friday, 30 October.

PRIZE

The prize will consist of a **financial award of €2,000 for the continuation of the winning project, granted by [ITP Aero](#).**



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