

Lifestyle and aerospace excellence

Excellence Club
AEROSPACE



APPLICATION FORM

1st Edition of the Excellence
Club Aerospace Awards



www.excellence-club-aerospace.com
Aeromorning's premium network club

The logo for Excellence Club AEROSPACE features a stylized yellow star with a black outline, positioned at the top right. A black curved line starts from the bottom left of the star and extends towards the left, ending above the letter 'E' in 'Excellence'. The word 'Excellence' is written in a gold-colored, sans-serif font, and 'Club' is in a larger, gold-colored, sans-serif font. Below these words, the word 'AEROSPACE' is written in a bold, black, sans-serif font, centered between two horizontal lines.

Excellence Club

AEROSPACE

Dear candidate,

We are pleased to welcome you among our award candidates for the first edition of the Excellence Club Aerospace Awards. This event will foster and reward high-potential solutions that may be applied in the Aerospace industry, during a unique gathering of professionals in Toulouse.

Organized in the heart of Europe's Aerospace capital, this event is designed to stimulate the industry and offer a new way to strengthen business and develop new markets. International and multi-sectoral, this event will include knowledge exchange workshops where companies will be invited to introduce selected innovative solutions and will provide networking opportunities. In addition, to promote collaboration and innovation, five prizes will be awarded by an international jury of recognized aerospace professionals. The applications for these awards are open to any willing individual candidate, team or company, provided the solution/project introduced fits within the categories described in this document and the deadlines are met.

As an international Business Club, we attach great importance to human relations. We will introduce and highlight the awards nominees into our extended network for this plays an essential role in any product or solution development.

Regarding the applications assessment, in the interest of transparency and fairness, the evaluation jury is independent of the organizing members of the Excellence Club Aerospace Awards. The jury is the only legitimate entity in charge of nominating the successful candidates in each prize category. This document will be used as a reference for the examination of your application, and we therefore invite you to fill it out completely before submitting it to us.

We wish you all the best and look forward to seeing you at the Awards ceremony.

The Excellence Club Aerospace team





HOW TO USE THE APPLICATION FORM

• Evaluation criteria

During the Excellence Club Aerospace Awards ceremony, five prizes will be awarded to the best solutions selected by the jury. Please note that you must apply to only one of the following categories:

- The Green Aerospace Award
- The 2021 Innovation Award
- The Aerospace Cybersecurity Award
- The Impacting Digitalization Award
- The Inspiring Student Award

In order to select the nominees, the jury will assess each application according to the topic of the corresponding prize category, details of which are given below. The evaluation of any application will start with a factual analysis: does the introduced solution fit within the category topic? If not, another category may be proposed to the candidate.

Subsequently, the rating process will involve generic criteria, which are common to all award categories:

1. Originality, innovative dimension, and uniqueness of the solution;
2. Identification and impact of the solution within the aerospace sector (cross-domains innovations are also welcome: technologies, transportation, chemistry, computer science...);
3. Human strength (if the project is represented by one person) or cohesion of the project team.

In addition to these criteria, the jury members will rely on a **3 minutes video** describing the project, sent by the applicants. Additional research (media, internet...) to better evaluate the project's potential may also be conducted by the Jury.

• Fill out the application form correctly

Each section must be concisely completed, so that the essential arguments to the evaluation of your project will be easily identifiable by the Awards jury. As a high number of applications is expected, we kindly ask you to stick to the length of text allocated per section. This will facilitate the work of the examiners. If you are part of a team, only one application for the entire team is required.

You must directly upload your 3 minutes video and this filled document via the online application form: https://www.excellence-club-aerospace.com/awards-candidate-en/#Application_Form

To support your application (optional), you may also upload any visuals (images, graphs...) you consider useful to support your application. Kindly indicate any non-proprietary sources in the last section of this document.

DESCRIPTION OF PRIZE CATEGORIES

GREEN AEROSPACE AWARD

Rewards a project whose services or products promise a remarkable reduction of the environmental impact of the Aerospace industry. The candidate solution(s) may be applied to aircraft or spacecraft design (e.g. innovative propelling architectures...), to their modes of operation (intelligent air traffic control management...), to their production methods (low-carbon factories, optimised logistics, etc.) or to any other aspect that may generate a significant environmental gain. The environmental gain compared to current in-service solutions will have to be demonstrated and should be based on robust and realistic scientific bases.

2021 INNOVATION AWARD

Rewards an ongoing or developed project, whose high technical potential promises to bring real benefits to the Aerospace industry. These benefits may include, but are not limited to, aspects linked to the sector's economic, environmental, technological and social challenges. Please note that this prize will reward an innovation that is officially communicated to the public. This development must reach a sufficiently high level of maturity for the aerospace landscape in the short or medium term (3 to 5 years). Its contribution to the sector will have to be clearly explained and quantified.

CYBERSECURITY AWARD

The interconnection of an ever-increasing number of intelligent systems within aircraft, spacecraft and companies exposes the Aerospace industry to widened risks of cyber-malware. While recent embedded systems incorporate cyber-resilient architectures, the rapid growth of digitalization in the sector highlights new cybersecurity challenges for companies, their employees and their customers. The approach(es) presented by the candidate project must clearly consider the exponential growth of cyberthreats, without omitting economic and acceptability aspects.

IMPACTING DIGITALIZATION AWARD

Rewards a project, digital service or tool, transposable or developed for the Aerospace industry, and whose application enables its users to significantly improve their production, operating processes or methods. Especially designed to meet a recurrent need of its end users, the solution interfaces in an innovative way, and may be integrated without conflict in all the potential environments of use.

Target application areas may, without being limited to, cover the digitalization of Aerospace production (e.g. Workshops with Augmented Reality, digital twins...), the digitalization of maintenance (e.g. UAV inspection with automatic anomaly detection...) or air operations digitalization (e.g. intelligent communication between aircraft and air traffic control...).

INSPIRING STUDENT AWARD

Rewards a student or a group of students who has carried out an innovative project in an academic or external context (entrepreneurial competition, hackathon...), and whose implementation could be beneficial to the Aerospace industry. This award is open to all candidates with a valid student status, regardless of their ages, country of study or nationality. Multidisciplinary teams are especially welcome to apply.

Description of the applicant company, organization, association, or team history. You may include main activities and key figures.
(20 lines maximum)

Jury-dedicated space	

Description of the innovative solution: initial users/customers' needs and concerned markets, along with a concise description of the technical operation and principles (25 lines maximum)

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Impact of the solution within the concerned sector:

Scope and development of the benefits for users (potential or verified) and markets.

Recognition and feedback (25 lines maximum)

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Human strength: if the project is represented by one person or cohesion of the project team: brief description of team members or project owner. Team creation History (15 lines maximum)

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Perspectives and future ambitions of the project:

Next major deadlines

Solution projected evolution

Long-term objectives (15 lines maximum)

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Free section dedicated to additional content [content sources only]

To support your application, feel free (optional) to add any image, graph or table you would like to share with the Jury.

These additional files must be uploaded along with this form and the 3 min video in the online application form:

https://www.excellence-club-aerospace.com/awards-candidate-en/#Application_Form

In the following text section, you should only indicate the name and non-proprietary sources (if any) of the additional files & media you intend to upload with your application.

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