

Lifestyle and aerospace excellence

Excellence Club  
AEROSPACE



**APPLICATION FORM**

1st Edition of the Excellence  
Club Aerospace Awards



[www.excellence-club-aerospace.com](http://www.excellence-club-aerospace.com)  
Aeromorning's premium network club

The logo for Excellence Club Aerospace features a stylized yellow star with a grey swoosh above it. Below the star, the words "Excellence Club" are written in a large, gold, sans-serif font. Underneath that, the word "AEROSPACE" is written in a smaller, bold, grey, sans-serif font, flanked by 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.

Organised in the heart of Europe's Aerospace capital, this event is designed to stimulate the industry, and strengthen the capability of its stakeholders in expanding their businesses into 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. In addition to a financial support, we will therefore make sure to introduce and highlight the awards nominees into our extended network. We know that this plays an essential role in any product or solution development.

Regarding the applications assessment, in the interests of transparency and fairness, the evaluation jury is independent of the organising members of the Excellence Club Aerospace Awards. The jury is the only legitimate entity in charge of nominating the successful candidates in each price category. This document will be used as a reference for the examination of your application, and we therefore invite you to fill it in 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 Aeronautics Award
- The 2021 Innovation Award
- The Aerospace Cyber Security Award
- The Digitalisation Impact Award
- The Inspiring Generation Award

In order to select the nominees, the jury will assess each application according to the topic of the corresponding price 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, the application will be rejected (another category may then be suggested to the candidate).

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

1. Originality, innovative dimension, and effectiveness of the solution
2. Impact of the solution within the Aeronautics and Space sectors
3. Human strength within the company or cohesion of the project team
4. Future of the solution, potentials, and future ambitions

In addition to these four criteria, the jury members may rely on additional researches (media, internet...) to find out more about the introduced solution, and make a better evaluation of its potential. This may especially be the case if a choice has to be made between two very close applications.

### • Fill in 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.

At the end of the different sections, a dedicated space welcomes any visuals you would like to share with the jury. You may insert any image, graphic or table you would consider useful for the coherence of your application. You may use this dedicated space (preferred option) or send your graphic content directly to us using the email address [contact@excellenceclubaerospace.com](mailto:contact@excellenceclubaerospace.com); or even via a transfer site of your choice (in case of large files).

## DESCRIPTION OF PRIZE CATEGORIES

### **GREEN AEROSPACE AWARD**

Rewards a team/company whose services or products promise a remarkable contribution in the reduction of the environmental impact of the Aeronautics industry. The candidate solution(s) may be applied to aircraft design (e.g. new propulsion modes, new aerodynamic architectures, etc.), to their modes of operation (intelligent air traffic control management, new trajectories, etc.), 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 a team, project, company, or laboratory that has developed/is developing a high potential technology, service or tool which promises to bring real benefits to Aerospace industry stakeholders. 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 price will especially reward an innovation that is officially communicated to the public, whose development must have reached a sufficiently high level of maturity to become an integral part of the Aerospace landscape, in the short or medium term (3 to 5 years). Disruptive and ambitious, 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 both aircraft and companies exposes the Aerospace industry to widened risks of cyber-malware. While recent aircraft incorporate cyber-resilient architectures for their conventional embedded systems, the rapid growth of digitalisation in the sector highlights new cyber security challenges for companies, their employees and their customers. The multiplicity of threats and hidden vulnerabilities are increasingly difficult to catch, as these aspects become an integral part of daily life. The approach(es) defended by the candidate product/service must clearly demonstrate the solution ability to consider the exponential growth of threats linked to this increasing digitalisation, without omitting economic and acceptability aspects.

### **IMPACTING DIGITALISATION AWARD**

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

Target application areas may, without necessarily being limited to, cover the digitalisation of Aerospace production (e.g. Workshops with Augmented Reality, digital twins...), the digitalisation of maintenance (e.g. UAV inspection with automatic anomaly detection) or the digitalisation of air operations (e.g. intelligent communication between aircraft and air traffic control, Flight Radar 24 for companies...).

### **INSPIRING STUDENT AWARD**

Rewards a student or a group of students who has carried out an innovative project in an academic or external context (entrepreneurship 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, the country of study, or their nationality. Multidisciplinary teams are especially welcome to apply.

**Description** of the applicant company, organisation, association or team History. You may include main activities and key figures.  
(20 linesmaximum)

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**Description of the innovative solution:** initial users/customers needs expression and concerned markets, and concise description of the technical operation and principles (25 linesmaximum)

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**Impact of the solution within the concerned sector**

Scope and development of the concerned market benefits for users

Potential or Verified User

Recognition and feedback (25 lines maximum)

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**Human strength within the team:** brief description of team members

Team creation History (15 lines maximum)

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**Prospective future 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 graphic content**

Image, graph or table that may support the application

Please kindly indicate any non-proprietary external source

You may use this space or send your content to:

[contact@excellenceclubaerospace.com](mailto:contact@excellenceclubaerospace.com)

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