



## Past winners

**2009 winners:** Team Coz from Australia's University of Queensland was selected for their proposal on the use of bio composite cabin materials made from castor plant natural fibres.

**2011 winners:** Team Wings of Phoenix from China's Nanjing University of Aeronautics and Astronautics, with a ground-based wind power generation system derived from aircraft wakes.

**2013 winners:** Team Levar from the University of São Paulo in Brazil with a luggage loading and unloading system for airplane cargo compartments to reduce the workload of airport baggage handlers with an air cushion solution inspired by air hockey tables.

**2015 winners:** Team Multifun from Delft University of Technology, Netherlands. The team's idea entails aircraft wings dressed in a composite skin that harvests energy from natural vibrations or flex in the wings.

**2017 winners :** Team DAELead from the University of Hong Kong with their effective design for a Private Stowage Compartment (PSC) underneath passenger's feet.

## Be inspired

*"Together, ordinary students can achieve extraordinary results!"*

**Satoshi, Team BirdPort,  
FYI 2015 participant**

*"Airbus Fly Your Ideas is an unforgettable and worthwhile learning experience. I wholeheartedly can say it was one of the most rewarding experiences of my life".*

**Kerry, Team Aquarius,  
FYI 2017 participant**

*"It will make you grow as a person and as a professional"*

**Nicole, Team Condor,  
FYI 2011 participant**

*"It's extremely exciting to be involved in these activities! new impressions, inspiring"*

**Danny, Airbus Mentor**

*"I really enjoyed the experience, it was extremely engaging and I have taken that enthusiasm back to my day job."*

**Matthew, Airbus Mentor**

# flyyourideas

Challenging students to transform the world of aerospace

## 2019 COMPETITION



**Register now!**



#flyyourideas

[www.airbus-fyi.com](http://www.airbus-fyi.com)

For further information about UNESCO and the Engineering initiative please visit: [www.unesco.org](http://www.unesco.org)



In partnership with  
UNESCO

# AIRBUS



# flyyourideas

Launched in 2008, Airbus Fly Your Ideas is a biennial global competition, organised in partnership with UNESCO, which challenges students to innovate for the future of aerospace.

## Five reasons to take part



Understand the challenges of the **future aerospace industry**



Benefit from **expertise and experience of Airbus employees** who mentor Round 2 teams



**Improve your employability skills:** teamwork, project management, presentation and communications



**Apply classroom learning** using the latest digital tools and technologies



Work across borders with people **of diverse profiles and nationalities**

## UNESCO Partnership

The United Nations Educational, Scientific and Cultural Organization (UNESCO) - is the only international organisation with a specific mandate for science and engineering. Sharing Airbus' ambition to inspire the next generation about innovation and engineering, UNESCO partnered with Fly Your Ideas in 2012. The competition is an exciting opportunity to promote the need for more diversity among the global population of innovators and make engineering more attractive to students from all profiles and backgrounds into the industry.

Through its partnership with Airbus Fly Your Ideas, UNESCO is helping to create opportunities for students from all five major continents. Moreover, diverse teams – in terms of gender, areas of study or individual profiles – have always been a hallmark of successful Airbus Fly Your Ideas' teams.



*Fly Your Ideas is an inspirational endeavour for students around the world and UNESCO is proud to be a part of this initiative. The new challenges will allow students to think outside the box and come up with sustainable solutions for global problems beyond aerospace - exactly what the world needs from our future generations!"*

**Audrey Azoulay,**  
Director-General of UNESCO

## 2019 Edition

At the dawn of a new era in aerospace, with Fly Your Ideas, Airbus offers a unique opportunity for students worldwide to activate their pioneering spirit and innovate for the future. With support from Airbus, teams will tackle global challenges, harnessing the latest digital tools and technologies to create a safer, cleaner, better connected world.

## Timeline

Three progressively challenging rounds leading to a Live Final!



## Challenges



### Electrification

How can we fly further, longer and cleaner by developing embedded electrical energy systems?



### Data Services

What innovative applications and services can you create based on Airbus data?



### Cyber Security

How can we securely and seamlessly authenticate travellers while Challenge Focus



### Internet of Things

How can the power of IoT revolutionise the passenger experience or improve collaboration in the aerospace industry?



### Artificial Intelligence

In the future of aerospace or industrial manufacturing, how can we use AI to identify opportunities or entirely new business models?



### Mixed Reality

How can the aerospace industry put Apple and Google's mass market Mixed Reality apps to work?