Fly Your Ideas

Airbus Innovations Days

– May 2016

Charles CHAMPION
Executive Vice President Engineering

Airbus Innovation Days
May 2016

Fly Your Ideas
The next generation of aviation
Inspire the generations of today to build sustainable aviation for tomorrow

Airbus challenges students worldwide to innovate for the future of aviation

Airbus people are defined by a desire to find better ways to fly, and Fly Your Ideas is about delivering that
Airbus Fly Your Ideas: co-innovate with universities

- Universities taking part
- Students registered
- Countries worldwide
- Airbus Assessors, Mentors and Experts

Location of teams for FYI 2015 challenges

FORMAL PARTNERSHIP WITH UNESCO
Retrolley: from idea to reality

Retrolley team

5 students in Design from the University of São Paulo, Brazil

Fly Your Ideas 2015 runners-up

The idea: a trolley to optimise waste management on-board
A trolley to optimise waste management on-board
Retrolley: a successful co-innovation story

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<td>Retrolley: Fly Your Ideas 2015 runners-up</td>
<td>BizLab Hamburg 6 month acceleration programme</td>
<td>Prototype I to showcase</td>
<td>Prototype II for testing</td>
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Retrolley: a successful co-innovation story

Retrolley co-innovators

The Retrolley team of Students from the University of São Paulo
The Airbus Corporate innovation team
A waste management specialist from Hamburg
An engineer from Mobile, USA
3DSystems in São Paulo
Airbus objectives for Fly Your Ideas 2017

- Real industry challenges
- A global competition
- High quality standards
- Bringing ideas to life
- Business & students interaction
- Diversity

A global competition

Real industry challenges

High quality standards

Bringing ideas to life

Business & students interaction

Diversity
Fly Your Ideas 2017: 5 genuine industry challenges

Business Models
What else could be done with aircraft other than transportation?

Flight Operations
How can big data be used to improve efficiency of flight operations?

Passenger Experience
How can new processes or layouts ease passenger boarding and disembarking, whilst increasing capacity for luggage?

Design Engineering
How can artificial intelligence support aircraft design and/or manufacturing?

Manufacturing
How can manufacturing be optimised to reduce waste and ensure the sustainability of resources?
### Fly Your Ideas 2017: 3 rounds and a final

#### Launch
- 5 challenges proposed
- Students sign up

#### Round 1: ideas collection
- Students submit ideas in teams
- Airbus experts support

#### Round 2: ideas development
- 50 teams selected
- Airbus mentors assigned to teams

#### Round 3: final
- 5 finalist teams
- Prototypes created
- 1 winner & 1 runner-up

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