AIRBUS FOUNDATION

2016 ACTIVITY REPORT
"With the Airbus Foundation, we reach out to a large population, inspiring young people and supporting humanitarian missions around the globe. I would like to thank Airbus employees for their passion in serving our communities."

A word from Tom Enders
Airbus CEO and Chairman of the Airbus Foundation
Airbus Foundation: Who we are and what we do

Airbus Foundation is at the heart of Airbus, committed to bringing together the products and people of our global aerospace company to help address the challenges of today’s society. Airbus Foundation supports the work of humanitarian groups and inspires the next generation as they prepare to embrace their future.

Airbus Foundation drives the Company’s worldwide philanthropic actions, devoting our resources to effective partnerships with volunteer associations and international aid organizations. Airbus Foundation integrates the activities of all Airbus’ Divisions. Airbus, Airbus Defence and Space and Airbus Helicopters are each uniquely suited to provide resources that can bolster our partners’ endeavours. Sister to Airbus Foundation is Airbus Helicopters Foundation. Launched in 2012, Airbus Helicopters Foundation operates in parallel until 2017, focusing on providing helicopter support for humanitarian crises.

Our goal is to support the international aid organizations in regions where the company operates and beyond. We bring our products and resources, from relief flights to images from space, to the humanitarian-aid community to help alleviate some of the world’s most pressing challenges.

We also aim to inspire and encourage youth development through contact with the aerospace industry. Through our various programmes, Airbus Foundation invests in the future of the communities we support, sharing with young people our passion for science in general and aeronautics in particular.

Airbus Foundation establishes worldwide alliances and partnerships. Current global initiatives include:

• Youth mentoring programs
• Partnerships with NGOs, educational bodies and science museums
• Supporting the humanitarian community through the use of the company’s products and services

We are collaborating with a growing number of internationally recognized organizations. These include our strategic partnership with the International Federation of Red Cross and Red Crescent Societies (IFRC), and operational partnerships with Action Contre La Faim, Aviation Sans Frontières, Médecins Sans Frontières, United Way, The Little Engineer and others.

Welcome to the activity report from Airbus Foundation, the organisation set up by Airbus to support the global humanitarian community and to inspire and prepare young people for the challenges of tomorrow.

2016 has been a very busy year, where the Foundation team has continued to build on the existing successful projects while launching some exciting new ones.

On the humanitarian side, we’ve been involved in a number of initiatives, including helping those whose lives were devastated by the hurricane in Haiti.

And when it comes to working with young people, we’ve extended the Airbus Flying Challenge – a project which helps children from disadvantaged areas – reaching out to even more students supported by our amazing volunteer mentors. ‘Airbus Little Engineer’ programme also ran for the first time in Iran.

During 2016, our partnership with the International Federation of Red Cross and Red Crescent Societies (IFRC) has evolved to give more of our people the opportunity to get involved and to enable us to share skills and expertise with IFRC staff.

Together with the IFRC, Airbus Foundation has been investigating ways to develop research and technology projects to help the humanitarian community. We’ve also been exploring new ideas and ways of working together to build a culture that fosters innovation, collaboration and cooperation.

The Foundation team has also travelled to airshows and conferences around the world to explain what we do and to highlight the humanitarian work undertaken with our partners. A great example of this was bringing together experts from Airbus Foundation, Royal Malaysian Airforce and IFRC at the Singapore Airshow. The different parties discussed innovative partnerships and closer cooperation between Non-Government Organisations (NGOs), the public and private sectors. They examined the important role innovative technologies and services can play in humanitarian relief missions.

We have been involved with and supported more employee events than ever. Encouraging employees to donate their time, energy and expertise to help others is one of the Foundation’s core objectives. Volunteering benefits employees by building skills and experience; this brings benefits to the business, as well as to the wider communities.

There’s plenty more information in this report and make sure you follow us on Twitter @AirbusFdn for up to the minute news about our people and our work worldwide. It’s also a great chance for you to let us know what you think about the challenges we face during 2017.

With best wishes,

Andrea Debbane
Executive Director, Airbus Foundation
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HUMANITARIAN ACTIVITIES
OVERVIEW

Airbus Foundation has a global network of airlines and relief organisations to support humanitarian causes.

Through Airbus Foundation Humanitarian Flight Programme, the Foundation offers a service to Airbus customers to use the delivery of their new aircraft to contribute to humanitarian efforts.

By doing so, the Programme helps the humanitarian community reduce its high logistics costs by delivering medical and school supplies, food, water sanitation equipment, toys, clothing and emergency response units to the most vulnerable around the world. The Programme also utilizes, where possible, Airbus test aircrafts for such missions.

Since its launch in 2008, Airbus Foundation has carried out 49 humanitarian flights, delivering a combined total of 654 tonnes of aid to those in desperate need.

In addition, the Foundation has donated actions and services to the NGO (Non-Government Organisation) community worth more than four million Euros.
During 2016...

Airbus Foundation and Airbus Helicopters Foundation responded to the crises following natural disasters in Ecuador, Canada, Haiti and Fiji. The team worked directly with 11 NGOs and the French Foreign Ministry’s Crisis Centre.

More than 100 helicopter hours were chartered to carry out humanitarian operations.

After Hurricane Matthew hit Haiti, Airbus Foundation used an A330 test aircraft to transport 20 tonnes of aid from Action Contre la Faim as well as aid workers from other NGOs.

The Airbus Foundation collaborated with Rwandair and Aviation Sans Frontières to send 1.2 tonnes of aid and medical equipment to Rwanda.

Satellite images of the wildfires in Canada and the devastation following natural disasters in Ecuador and Haiti were donated to aid agencies to help them assess the wider situation, plan and target aid.

“...Our current responses do not match the scale and magnitude of the [Humanitarian] challenges.”

Elhadj As Sy
IFRC Secretary General at the World Humanitarian Summit, 2016
NATURAL DISASTERS IN 2016

Tropical cyclone Winston hit the Fiji Islands on 21st February, killing at least 43 people and affecting the lives of around 350,000 others. The disaster left large areas of the Fiji island cluster without power, water supplies or communication. To compound the situation, subsequent heavy rains brought flooding, landslides and coastal inundation.

On April 16th, a 7.8-magnitude earthquake struck in Ecuador. According to the national authorities, this disaster left more than 20,500 people homeless and many more without water or food supplies.

During May, massive wildfires burned in Canada for weeks with flames quickly consuming a quarter of the city of Fort McMurray and more than 500,000 hectares of land across northern Alberta.

On October 4th, Hurricane Matthew, the most powerful hurricane for almost a decade, slowly crossed the southwest of Haiti. The country’s third-largest city, Les Cayes, was particularly badly hit. Classed as category four out of a maximum five in strength, Hurricane Matthew ripped up trees and destroyed many buildings.
EMERGENCY MISSION FLIGHTS
Test Aircraft

Haiti humanitarian mission: An Airbus A330 test aircraft transported some 20 tonnes of aid from Action Contre la Faim (ACF or Action Against Hunger) to Haiti. The aircraft also carried 29 French civil security officers as well as aid workers from ACF and other NGOs including Fondation Veolia, Première Urgence, Handicap International, Humedica and Medair.

“Providing help to the victims of the devastating hurricane which struck Haiti is one of the Airbus Foundation’s highest priorities today and it is especially important to us to help the victims regain access to clean water.”

Fabrice Brégier
COO Airbus and President
Airbus Commercial, 11 October 2016
HUMANITARIAN FERRY FLIGHTS

Ferry flights are flights where an aircraft that would otherwise have been travelling without a full load, such as an aircraft delivery flight, is used to deliver much needed supplies. To conduct ferry flights, the Airbus Foundation works with a range of partners including customer airlines, as well as NGOs. During 2016, the first ferry flight with RwandAir took place.

**Rwanda:** On November 30th, RwandAir took delivery of the second of its Airbus A330 aircraft — and this aircraft was used to carry aid supplies. The Airbus Foundation worked with RwandAir and Aviation Sans Frontières to send 1200 kg of children’s clothes, toys, medical and support equipment, including wheelchairs, canes and crutches to Rwanda on board the plane.

**Future Ferries:** Airbus Foundation is currently planning more ferry flights with partner airlines such as Emirates, Vietnam Airlines and Interjet.

“Working with NGOs on such vital humanitarian missions is core to the Foundation’s mission. Through close collaboration and partnerships, we can contribute our products, expertise and services into the relief efforts.”

*Tom Enders*
Airbus CEO and Chairman of the Airbus Foundation
Satellite images can be used to assist humanitarian organisations in the wake of a crisis in a number of ways.

Airbus Defence and Space is ideally placed to donate satellite imagery to the NGOs working to relieve suffering.

Following the earthquake in Ecuador in April, aid workers were provided with images of the affected areas. This helped them form a relief strategy, to establish which areas would be hard to reach and target aid to those who needed it most urgently.

A month later, in the frame of its partnership with the IFRC, Airbus Foundation provided the American Red Cross with satellite images of the area around Fort Mac Murray, the Canadian city besieged by wildfires.

After Hurricane Matthew struck in October, the International Charter - Space and Major Disasters, activated the programming of several satellites over Haiti as well as Florida and the East Coast of America. Maps of the hurricane’s impact were sent to relief organisations and to the authorities of the stricken countries.

The Pléiades’ satellite imagery taken during October 2016, below left, clearly show the damage to Haiti caused by Hurricane Matthew when compared to archive imagery on the right from 2015.

* The Pléiades constellation is composed of two very-high-resolution optical Earth-imaging satellites.
I believe it is an obligation for every company to contribute back to society. We have the great privilege to be able to use our products to do so and even more, to have employees that are so eager and passionate to contribute. This is something I am very honoured and proud of.

Dirk Hoke
CEO Airbus Defense and Space
HELICOPTER MISSIONS with Airbus Helicopters Foundation

Over 100 helicopters flight hours have been chartered under the Airbus Helicopters Foundation during 2016.

ECUADOR

Airbus Helicopters Foundation and Avioandes joined forces to provide a significant number of flights for Ecuadorian rescue workers.

The French Foreign Affairs Crisis Centre requested the assistance of the versatile and tough H125 helicopter to help restore access to drinking water.

Airbus Helicopters also provided a heavy-duty H215 helicopter to transport tonnes of emergency supplies of food, water, medical equipment and medical staff to otherwise inaccessible areas.

HAÏTI

Within a few hours of Hurricane Matthew causing devastation across a large area of Haiti, the Foundation sourced two H125 helicopters to be used for urgent humanitarian purposes. The helicopters belonged to an operator in the neighbouring Dominican Republic. The helicopters were used for emergency aid missions, for transporting medical staff and emergency supplies and to assess the scope of the damage.

In Haiti, the Foundation has supported the IFRC, the French Foreign Affairs Crisis and Médecins Sans Frontières.

The damage in Ecuador

Use of helicopters in Haiti
Use of helicopters in Fiji

During February and March 2016, Airbus Helicopters Foundation provided support to humanitarian relief efforts in Fiji following cyclone Winston. The Foundation was able to provide the first helicopter support within 48 hours of the disaster.

The Foundation also provided support across the island cluster by rapidly partnering with New Zealand operator Garden City Helicopters Ltd and Fiji’s Pacific Island Air.

In addition, the Fijian National Disaster Management Office benefitted from an AS355 twin-engined light helicopter which was chartered by the Foundation and performed numerous flights.

“This year again, the Airbus Helicopters Foundation was able to make a very strong difference. During the very first hours of a crisis, we were able to save people from harmful situations as well as support on ground rescuers to assess emergency situations. More than 100 helicopters flight hours have been granted to several humanitarian agencies. We’ve also trained some 200 doctors and rescuers, enabling them to operate our helicopters to ensure the development of Emergency Medical Services around the world.”

Guillaume Faury
CEO Airbus Helicopters
On 20th November 2015, Airbus Foundation officially handed over an Airbus Defence and Space rescue station to the German Red Cross to support those dealing with the refugee crisis in Germany. The donated rescue station consisted of a medical treatment container, two self-establishing tents and a connecting tent which was set up in one of the major refugee entry and welcome centers in Feldkirchen, Bavaria.

During May 2016, a new triage concept was tested at the Airbus Foundation rescue station as part of a Red Cross exercise.

The trial report from the German Red Cross concluded that the treatment portacabin – in particular the network-independent power supply – proved its suitability as a functional workspace.

Dr Maria Overbeck, German Red Cross Head of the Airbus Foundation Rescue Station, confirmed its success:

“With this method, we can treat patients in a critical condition without losing time,” she said. “At the same time, all the patients are informed about the medical treatment available.

“Overall, the Airbus rescue station has proven its worth. We would be happy to use it for further operations – with the support of Airbus specialists. We are very grateful for the generous support from the Airbus Foundation in the emergency medical treatment of refugees.”
“With this method, we can treat patients in a critical condition without losing time.”

Dr Maria Overback
German Red Cross
THE AIRBUS FOUNDATION AND IFRC PARTNERSHIP

Both parties agree that the Airbus Foundation and IFRC partnership has established a very solid base. During 2016, personnel from different sectors of both organisations have been involved in various projects including the Haitian crisis.

At the International Air Transport Association’s (IATA) prestigious annual general meeting in Dublin, IFRC invited Airbus Foundation to display information about the whole spectrum of its activities. The Foundation also had the opportunity to talk to the media about its brokering role in ferry flights.

STAFF EXCHANGE

During 2016, ten IFRC personnel participated in management and leadership training courses at the Airbus Leadership University campus in Toulouse and the feedback from both Airbus and IFRC participants has been very positive.

Cristina Estrada, Response and Recovery Team Leader, IFRC, was one of the participants.

She said: “Both IFRC and Airbus face similar challenges when managing teams. Airbus colleagues have highlighted the IFRC’s strength in what we call ‘soft skills’ and they valued the ideas and practices we shared through the course and the exercises.

“I’ve already put in practice what I’ve learned from the course and I am in discussions with colleagues to see whether we can include some of the Airbus course learning in our own training courses.”

Patrick Elliott, Operations Manager, IFRC Philippines, said: “I was very happy to get selected to participate […] Airbus being a huge company, with a high quality/technical profile.

For me it was very good to be with people from a different sector. We are not so different! The course was very good and I’d recommend it to others.”
Innovation

In the field of innovation, the Foundation’s vision is to transfer knowledge and expertise to the humanitarian community, and to provide solutions so it can respond more effectively and efficiently to a crisis. Red Cross experts have identified key technical challenges and Airbus experts across the Company are working on a range of solutions to address these problems:

Three technology products of potential value to the IRFC include:
- Technology to provide large-scale disinfection of buildings
- Using nebulisation technology to tackle disease
- The use of drones and other unmanned aerial vehicle technologies in humanitarian crises

IFRC and Airbus will continue to discuss how best to develop Airbus technologies including the development of prototypes, testing and hopefully progressing through to the operational phase.

Dialogue is also ongoing with the IFRC in various areas, as per our memorandum of understanding signed in November 2015. This includes a focus on air transport and search and rescue activities as well as the development of communication, satellite imagery to support humanitarian relief after major disasters.
YOUTH DEVELOPMENT

OVERVIEW

Since the launch of Airbus Foundation’s youth programmes in 2012, the Foundation has supported more than 8,000 young people worldwide empowering them for the challenges of tomorrow.

In addition, the Foundation’s youth programmes engaged more than 950 Airbus employee volunteers worldwide who gave up their own time to support these inspiring programmes and in doing so have developed their own skills.
During 2016...

Airbus Foundation youth programmes were running in six countries reaching over 1000 young people and engaging more than 250 employees.

Nearly 600 young people worldwide were supported through the Airbus’ flagship youth programme, the Airbus Foundation Flying Challenge.

Also supporting the Flying Challenge were 190 employee volunteers, 24 schools and universities and 20 NGOs.

New Flying challenge programmes were added in sites in the UK, Germany and Spain, bringing the total number of sites participating in the programme to nine.

In Beijing, China, 35 employee volunteers helped improve the quality of the school life of 160 pupils at Guang Ai School.
Global youth programmes delivered locally

The Airbus Foundation’s flagship youth programme, the Flying Challenge, focuses on young people who are at risk of dropping out of education and subsequently missing training and employment opportunities. During the Challenge, they work with volunteer mentors from Airbus and University students to support the design and build of an aircraft.

Through the Airbus Helicopters Foundation, the Airbus Helicopters site in Marignane, France supports a number of local youth programmes including: D-Impulse, Louis Germain Institut and Energie Jeunes.

One of the most recent youth programmes to be added to the Airbus Foundation portfolio is Airbus Little Engineer. The Little Engineer is an organisation dedicated to instilling an appreciation of Science, Technology, Engineering and Maths (STEM) among the grass roots talent of the Middle East and Africa.

The Airbus footprint in China is growing rapidly and the Foundation has a policy of investing in communities around its manufacturing sites and offices. Two new programmes, customized to the needs of the local communities in China have been launched and are already seeing positive results.
SPAIN

This was the third consecutive year the Airbus Flying Challenge programme has taken place in Getafe and the second year in Puerto Real, Cádiz. During 2015-2016, there was a 77% increase in the numbers of students benefitting with a similar increase in classroom mentors. The number of volunteers has also grown by 60% and now includes university students. Thirteen different institutions now contribute to the project including universities, businesses and charities.

UNITED KINGDOM

The UK Flying Challenge programme was launched in Filton, Bristol in September and is progressing well. A 30-strong group of 13 to 14 year-old participants is working with 15 volunteer mentors from Airbus. As well as learning about flight and gaining a privileged insight into the Airbus Filton site, the students will be working towards a nationally recognized qualification and during the practical stage, will work with university students to support the design and build of a human-powered aircraft.

GERMANY

In Germany, the pilot Flying Challenge programme has started at the Ottobrunn site with the recruitment of 15 volunteers and 30 students. The team was impressed by the amazing energy and enthusiasm shown by the young people during the launch event in December.
In Toulouse, the Telemaque Foundation will be involved in the Flying Challenge for the first time, accompanying high potential children from two new schools, bringing the number of schools reached by the programme to five.

In Toulouse the Ailes pour Tous project continues. In 2016, around 50 kids hospitalised at Purpan hospital participated in a full day of activities including an A380 visit with the Airbus flight test team and a first flying experience on a light aircraft at the Aeroclub Mermoz at Muret near Toulouse.

In Paris, the pilot Flying Challenge involved 27 students and focused on the lifecycle of a product. Mentors from Airbus Helicopters and Airbus also participated in a career fair which reached 150 young people.

In Marignane, Marseille, the Airbus Helicopters site supports a number of local youth programmes:
- The D-Impulse programme targets 13-year-old students and involves employee volunteers who are passionate about their work promoting aeronautical jobs. In 2016, the project involved 24 students and 30 employee volunteers.
- The partnership with Institut Louis Germain offers extra-curricular tutoring to promising students from disadvantaged areas who wish to seek educational opportunities beyond those on offer at school. Motivated 10-16 year-old students have the opportunity to attend a ‘Campus’ to supplement and reinforce their education. In 2016 the project involved 120 students and three Airbus Helicopters volunteers.
- The Energie Jeunes project targets students aged 10 to 16 and aims to help prevent them falling in their education. Around 25 volunteers interacted with 1,000 students.
USA

In Wichita, the Flying Challenge mentoring programme successfully completed its fourth year during 2016. A total of 43 Airbus volunteer mentors provided 1,146 hours of mentoring to 67 young people aged between 12 and 15.

In Mobile, the new Flying Challenge mentoring programme was launched at the Gulf Coast Exploreum science museum. 45 students are now involved in the mentoring programme working with 28 volunteer mentors.

GULF COAST EXPLOREUM SCIENCE CENTRE: The Foundation continued its strong partnership with the Gulf Coast Exploreum Science Centre, where in 2016 more than 1,600 students participated in hands-on experiences in different areas from flight challenges to the principles of flight.

IRAN

A memorandum of understanding was signed in April between Airbus Foundation and the Iranian Red Crescent Society (IRCS) to promote and develop STEM (Science, Technology, Engineering and Maths) education in Iran through robotic workshops with The Airbus Little Engineer programme.

The pilot phase successfully reached 54 students with an average age of 14. Also, through this programme, 23 IRCS volunteers were taught to be instructors and mentors.

“
We are confident that this relationship will empower and engage youth to better care for their communities [...] and will present a successful model to be used and replicated elsewhere.”

Dr Masoud Habibi
Head of the IRCS Youth Organisation
CHINA

In April 2016, a ceremony was held in the Airbus Beijing campus to launch the first Airbus Foundation Project in China. The project is intended to help Beijing Guang Ai school, a non-profit and non-government school located in the Shunyi district of Beijing. The school aims are to help orphans and homeless children by providing them with education, room and board.

The Foundation project hopes to improve educational and living conditions for the school’s 108 pupils. On behalf of Airbus Foundation, Laurence Barron, Chairman of Airbus Group China presented a significant donation to upgrade teaching facilities and improve the children’s quality of school life.

Airbus Group China also recruited 35 volunteers internally to participate in the ‘Airbus Class’. The classes are held quarterly and are helping children learn about aviation and science. During 2016, over 150 young people from Guang Ai School benefited from this project.

CHINA: DREAMS COME TRUE

The Dreams Come True project involves Airbus employees working with primary school children aged seven to 12, helping them create a dream for a better future. The child sets an objective, such as to help a disabled neighbour with their housework, and if the objective is achieved, their dream will come true with the support of Airbus and volunteers from the partner NGO, Maitian.

The project was launched in May 2016 in Tanjin and so far the dreams of 60 students are being or have been fulfilled.
EMPLOYEE PROGRAMMES & INITIATIVES
Since 2012, 43,649 hours have been given by 1,601 Airbus employees.
Most of our development programs now include humanitarian projects, giving our employees the chance to see the value they can bring to society and demonstrating what we, as Airbus, can do towards other communities. Hearing about all these initiatives makes me very proud to work in a company where people care about the people.

Thierry Baril
Chief HR Officer Airbus and Airbus Commercial
During June, at the official inauguration of the new Airbus Head Office in Toulouse, around 500 runners from Airbus, which included the Airbus CEO Tom Enders and other members of the Airbus Executive Committee, ran 4-8 Km around the Airbus site and raised €20,000 for the Airbus Foundation Flying Challenge programme.

Amongst the runners was guest runner and Airbus employee Andy Lewis MBE, who is based at Airbus in the UK. Andy is British, European and World Para-triathlon champion and later went on to win gold at the Paralympic Games in Rio Brazil.

In November, more than 500 Airbus employees in over 25 locations around the world participated in the ONE Intelligence Run. This event united colleagues as far apart as Barcelona and Budapest, Friedrichshafen and Fort Collins, and Leicester and Singapore.

A combined total of 4,277 Km was run or walked resulting in a donation of €5,000 to support the Red Cross in Mongolia, a cause identified in collaboration with the Airbus Foundation.
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Chief Executive Officer Airbus, Chairman of the Airbus Foundation

Thierry Baril
Chief Human Resources Officer Airbus

Laurence Barron
Chairman Airbus China

Dirk Hoke
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