



ILA **BERLIN**
INNOVATION AND
LEADERSHIP IN AEROSPACE

REVIEW
2018

BDLI 

German Aerospace Industries
Association

www.bdli.de



ORGANIZED BY

BDLI  German Aerospace
Industries Association

 **Messe Berlin**

The background of the slide is a photograph of an airshow at a large airport. In the foreground, there's a grassy field with various aircraft on display, including a large white commercial jet with its stairs extended. A crowd of people is visible walking around. In the background, a runway and a line of trees are visible under a blue sky with some clouds. A large, dark blue circle is overlaid on the right side of the image, containing the event's title.

ILA BERLIN 2018

INNOVATION AND
LEADERSHIP
IN AEROSPACE

A large Airbus A380-800 aircraft is the central focus, with a large crowd of people gathered in front of it. The aircraft features a large blue 'A' logo on its upper fuselage and a portrait of a man in a white thobe and ghutra on its side. The text '100th A380' is visible next to the portrait. The Airbus logo and 'AIRBUS A380-800' are also present. The tail of another aircraft with a large black star logo is visible on the right. The background is a clear blue sky.

ILA BERLIN 2018 - BEST ILA EVER!

With its focus on future solutions, new technology, and sustainability, the ILA Berlin 2018 continues to evolve as a leading trade show for innovation in the aerospace industry.

- 50,000 trade visitors
- 130,000 public visitors
- 1,100 exhibitors from 41 countries
- more than 50 conferences



“

We must continue to focus on the technologies of the future, if we want to exploit the growth expectations for the aerospace industry for Germany and Europe: Digitization, Unmanned Mobility, Eco-Efficiency are the topics of the future.

Peter Altmaier, Federal Minister of Economics

THE FEDERAL GOVERNMENT OF GERMANY SUPPORTS THE AEROSPACE INDUSTRY

ILA Berlin 2018 has shown: The German politics stands behind the industry. Chancellor Angela Merkel in company with the Federal Minister of Transportation Andreas Scheuer and the coordinator for the aviation industry Thomas Jarzombek officially opened the exhibition.



- 1 -

FLYING & STATIC DISPLAY





FASCINATION OF FLYING

On the ground and in the air around 200 aircraft were on display. Among them were premieres like the 100th Emirates A380, the A350, and A340 BLADE, the Airbus Beluga, Lufthansa's Boeing 747-8, and the Antonov 225.



STATIC DISPLAY

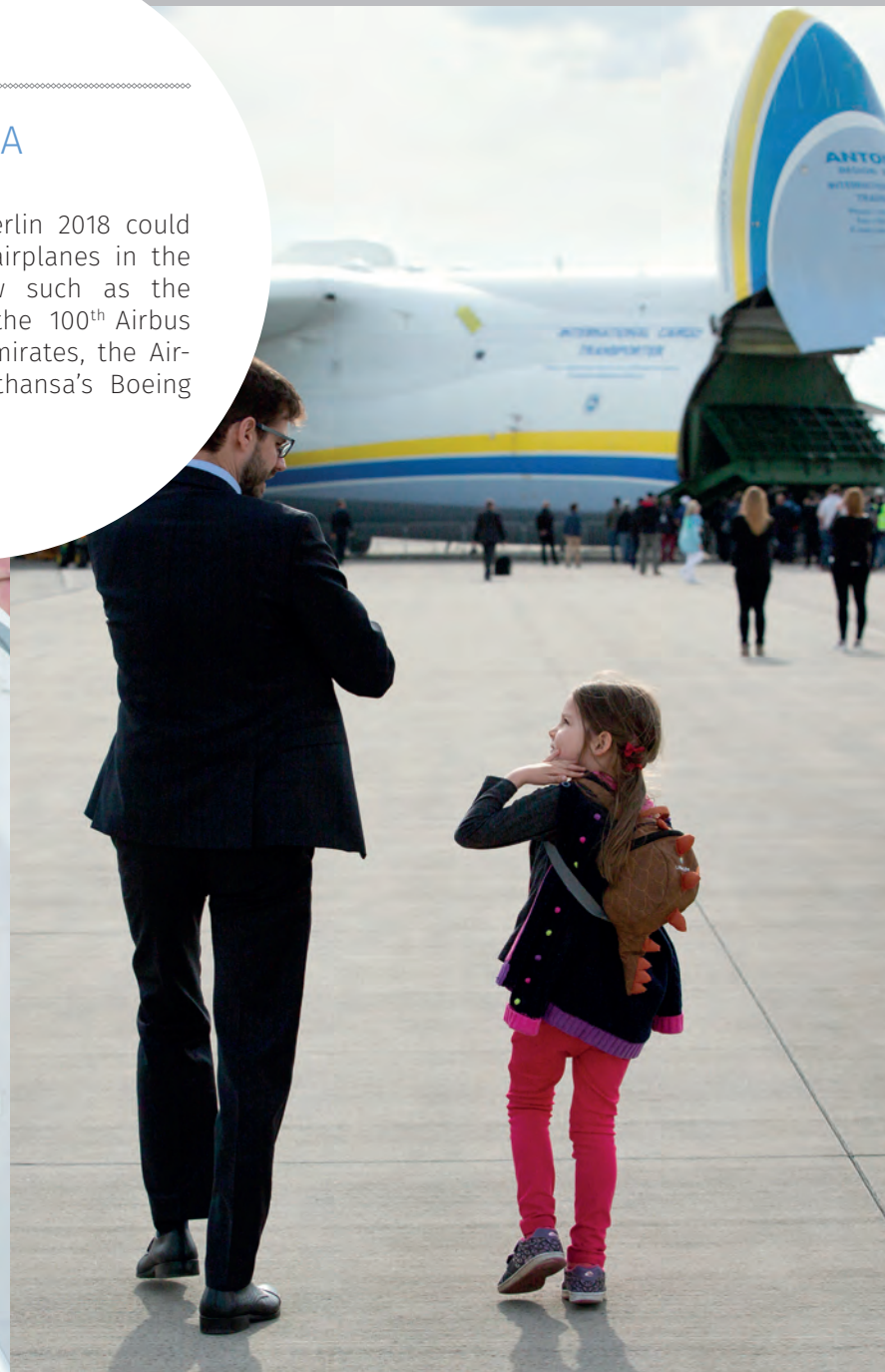
Not only on the ground the ILA Berlin 2018 showed the latest developments in aerospace and aviation. Also the flight program was spectacular.

AIRBUS



BIG, BIGGER, ILA

All visitors of ILA Berlin 2018 could look at the largest airplanes in the world in close view such as the Antonov An-225 or the 100th Airbus A380 belonging to Emirates, the Airbus Beluga and Lufthansa's Boeing 747-8.





A340-300 MSN1
Airbus Flight lab
• First Airbus A340 of the series
• Now dedicated to Research and Technology activities
• Testbed for the BLADE project
BLADE stands for Breakthrough Laminar Aircraft Demonstrator in Europe, this project is studying the viability of laminar flow for commercial aircraft by testing





- 2 -

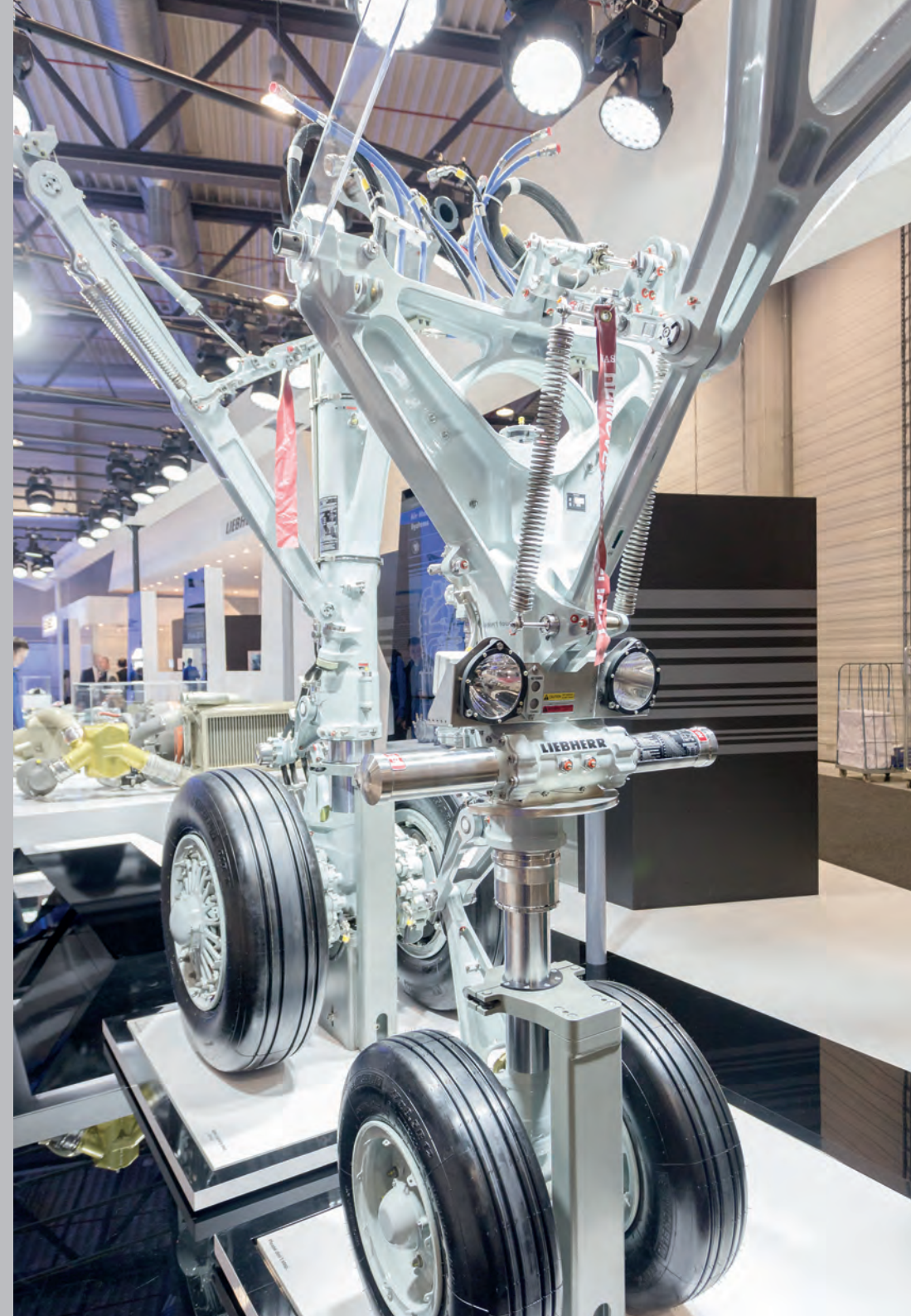
AVIATION



“

The ILA 2018 was extremely successful. The future is happening right here.

**Arndt Schoenemann, BDLI Vice President Aviation,
Managing Director of Liebherr-Aerospace Lindenberg GmbH**





“

The ILA Berlin is highly attractive for the entire region, the country and beyond. We were pleased to join the ILA because it offers an ideal platform for contacts to policy-makers, our partners and into the region.

Alastair McIntosh, Head of Technology Programmes, Civil Aerospace, Director Engineering & Technology, Rolls-Royce Deutschland





- 3 -

DEFENSE & SECURITY



SHOULDER TO SHOULDER: GERMAN -FRENCH COOPERATION

At ILA Berlin 2018, France and Germany gave the green light to Europe's most ambitious defense project. Airbus and Dassault Aviation have agreed to combine their resources and collaborate to develop and construct Europe's Future Combat Air System – FCAS.





FRANCO-GERMAN DEFENSE PROJECTS

French Defense Minister Florence Parly noted that this was a “historic agreement.” It was necessary to make the armed forces of both countries “more powerful, modern and versatile” by 2040, to ensure they had a strategic advantage and to create a “Europe focused on defense.”



SOLDIERS IN CLOSE UP

Presenting all the different facets of the Bundeswehr: Over 40 aircraft could be viewed on the ground. Also possible for visitors: A tour around the A310 MRTT, the chance to sit in a cockpit of a Tornado and a close look at military helicopters such as the TIGER combat helicopter or the navy’s Sea Lynx and Sea King. One of the main highlights was the flyby of a total of 20 aircraft including the Euro-fighter, A400M and NH-90.





FACING THE FUTURE

ILA Berlin 2018 fosters dialogue between high-ranking generals, leading politicians working on defense and security issues as well as defense industry experts and cybersecurity researchers. In the Military Support Center, the industry and the military presented a wide-range of successful cooperations between defense forces and industrial partners.



“

The ILA Berlin has kept its promises again, the ultramodern aircraft and helicopters on show were impressive.

Ursula von der Leyen, Federal Defense Minister

FOR SOCIETY



- 4 -

SPACE



ILA SPACE PAVILION

EUROPE'S LARGEST
SPACE EXHIBITION WITH
AN AREA OF OVER 4,000
SQUARE METERS

An 18 metre high 1:4 scale model of the Ariane 6 launcher was a highly conspicuous symbol marking the ILA Space Pavilion one of the main attractions for the international space community as well as for the general public at ILA Berlin 2018.



WHERE THE WORLD'S SPACE COMMUNITY COMES TOGETHER

ILA Berlin is where the world's space community comes together. As the industry's largest exhibition in Europe, this one-of-a-kind event offers a platform for a diverse group of stakeholders – such as politicians, agencies, scientists and aerospace firms – to present the latest innovations and developments in space. In a word: The event is interdisciplinary in scope and global in scale.



“

The ILA Berlin is a showcase for peaceful cooperation in space for a better world on earth.

Jan Wörner, ESA Director General



SPACE FOR EARTH

ILA Berlin is the major space exhibition in Europe. At ILA Berlin 2018 current and future missions as well as the subsequent benefits of these missions for humankind were displayed in a dedicated ILA Space Pavilion. The ILA Space Day and the Astronauts' Day gave insights into life in space and formed an important stage for discussions on essential future space topics.



“

Without space, there is no future. In the ILA Space Pavilion you can experience how we use space technology to shape digitization.

Marco Fuchs, BDLI Vice President Space, CEO, OHB SE





INNOVATIONS FOR LIFE ON EARTH

The fascination of space has grown in recent years thanks to major advances in technology. The possibilities are endless: Further space missions to Moon, Mars or asteroids, or the contribution of space towards artificial intelligence and digitization - these and other issues are now being discussed around the world because many of the problems we face on earth can only be solved with innovations made possible by spaceflight.



“

The ILA Berlin visualizes not only to politics and economics but to every single person very closely why the research of aviation and aerospace is becoming every day more essential for all of us.

Prof. Dr. Pascale Ehrenfreund, Chair of the Executive Board, German Aerospace Center (DLR)



HIGH-POTENTIAL SPACE BRANCH

Spaceflight is now more important than ever: When we invest in space, we invest in our future. In fact, many of today's most important technologies and applications were first developed for space. Furthermore, many of society's most urgent problems can best be tackled with innovations derived from space.





- 5 -

SPECIAL FEATURES



SPECIAL FEATURES

ILA FUTURE LAB

- 24 panel sessions with 134 panelists on stage
- more than 1,000 guests
- live stream



ILA FUTURE LAB

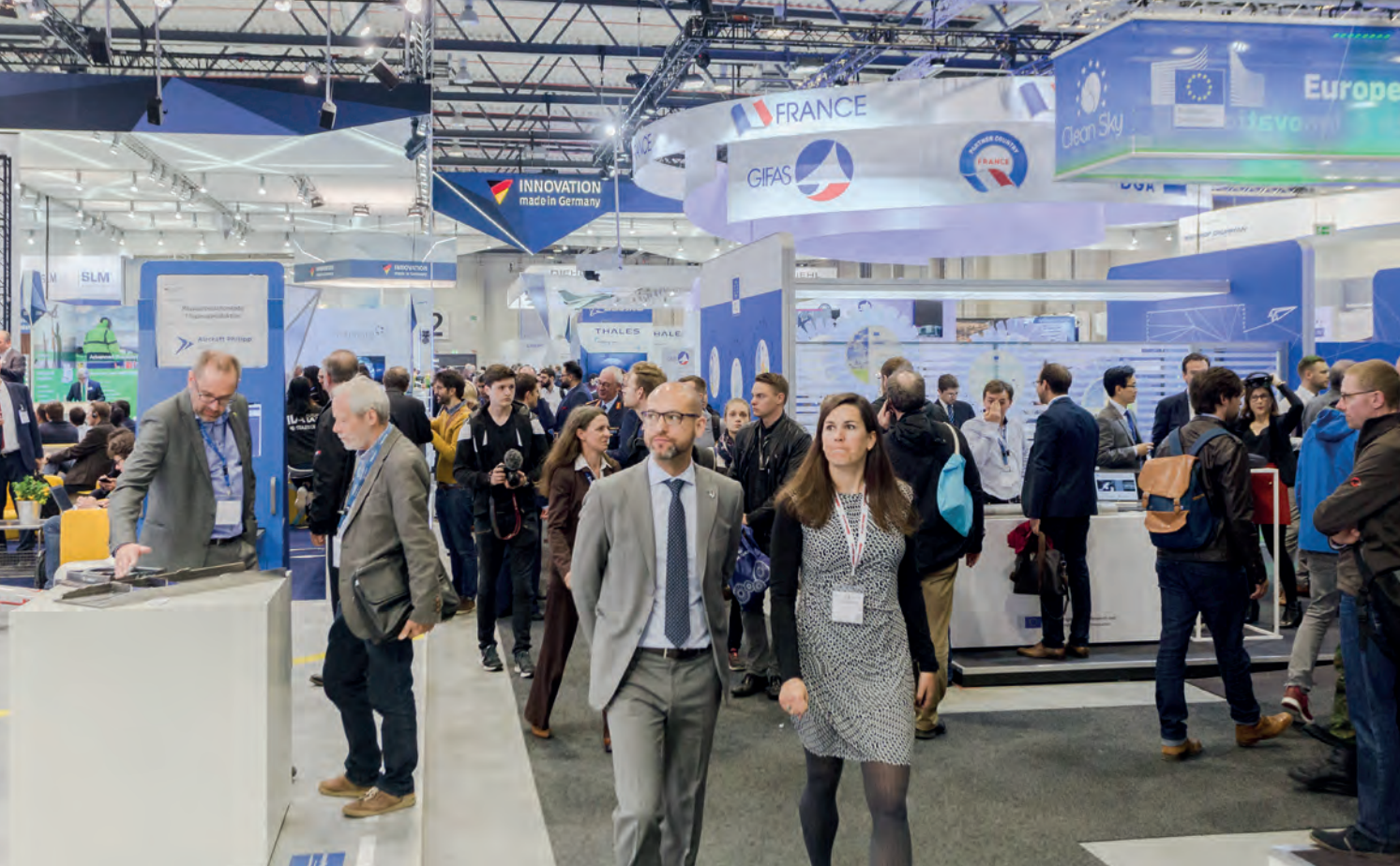
What is the Next Big Thing that will disrupt the aerospace sector? The ILA Future Lab was launched to provide a first look at the aerospace technologies that have the potential to change our world, how we travel and how we do business. Visitors could also join the dynamic talks at the ILA Future Lab FORUM, where the industry's most urgent issues were discussed.



“

Startups have a very important impact on us as a complementary factor to our own innovation impulse. We have different ways to interact with startups. This (the ILA Future Lab FORUM) is a fantastic occasion for us to do that.

Grazia Vittadini, CTO, Airbus



“

The European Commission and Clean Sky 2 presence at ILA gave aerospace industry visitors, students and the general public alike an impressive overview and insight into European aviation research and innovation.

Clara de la Torre, Director for Transport in the Directorate-General for Research & Innovation, European Commission





PRESENTATION OF THE INNOVATION AWARDS OF GERMAN AVIATION

The Innovation Awards of German Aviation were presented at the ILA Future Lab. According to the chairman of the jury, Prof. Rolf Henke from the German Aerospace Center (DLR), this year there was a 50 per cent increase in the number of entrants.





SPECIAL
FEATURES

HELI LOUNGE



HOW DRONES CAN IMPROVE OUR LIVES

Unmanned aviation has unleashed a revolution in aviation. Entire new business models are now possible thanks to drones. They can boost service, comfort and safety in a variety of areas. The question is: How can the private sector truly benefit from drones? And how can these new forms of mobility be deployed sustainably?

SPECIAL
FEATURES

UNMANNED
SYSTEMS



A PLACE FOR TOMORROW'S INNOVATIONS

The new exhibition area is a forum for all aspects of unmanned flight and draws attention to the necessity of regulation and safety in this branch.



SPECIAL FEATURES

ILA CAREERCENTER

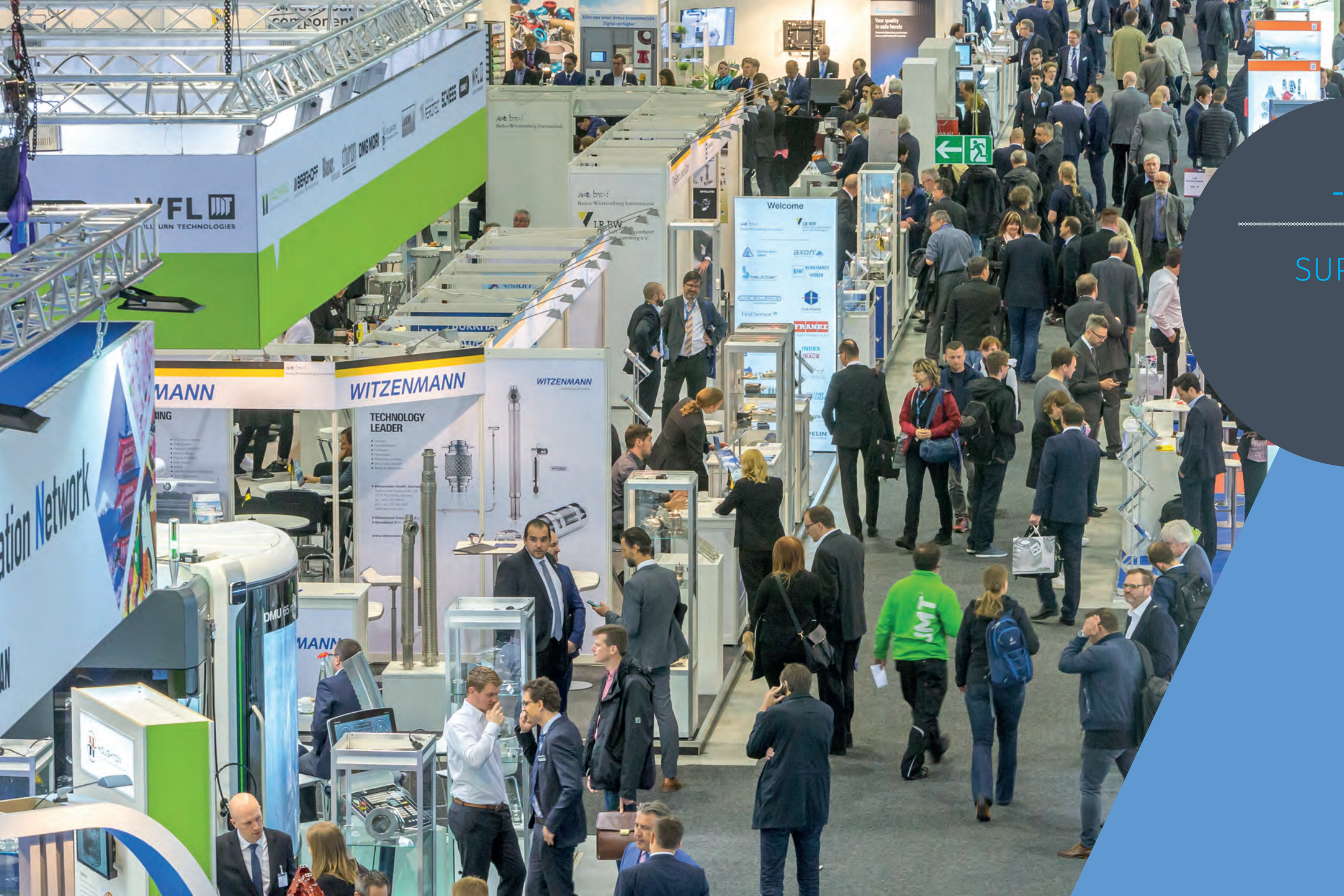


THE AEROSPACE JOB FAIR

The ILA CareerCenter brings employers and their future employees together. Thousands of students, graduates and young professionals are looking for their ticket into the industry at the ILA CareerCenter.

The next ILA CareerCenter:
May 15-17, 2020





- 6 -

SUPPLIER

INTERNATIONAL
SUPPLIER CENTER
ISC

INTERNATIONAL SUPPLIER CENTER (ISC)

The supply chain is the backbone of the industry, and the International Supplier Center (ISC) is the ideal platform to showcase the sector.

B2B MEET
YOUR
BUYER

The next ISC:
May 13-15, 2020

Welcome to the ISC Marketplace



- sold out! 3,052 m²
- 300+ exhibitors from 21 countries
- 280 participants on B2B platform
- 1,195 B2B talks
- high-level OEM panel discussion with Airbus, Boeing, Bombardier, Embraer, Lockheed Martin, Sukhoi



OEM Strategy Panel

Joerg Werner
Shauna Gamble
Marcelo Turco
Vincent J Panzera
Alexander Dulebenets
Maria Laine

Airbus
Bombardier
Embraer
Lockheed M
Sukhoi
The Boeing





- 7 -

BERLIN AVIATION SUMMIT



THE FUTURE OF FLYING: NEW TECHNOLOGIES, NEW MINDSET

At the eve of ILA Berlin 2018, the first ever Berlin Aviation Summit brought together global thought leaders to chart the way towards the future of aviation.

- moderated by Bloomberg, Reuters
- 21 panelists and keynote speaker
- 200 guests from industry, research, finance, politics and administration



The next
Berlin Aviation
Summit:
May 12, 2020



“

Change is possible!

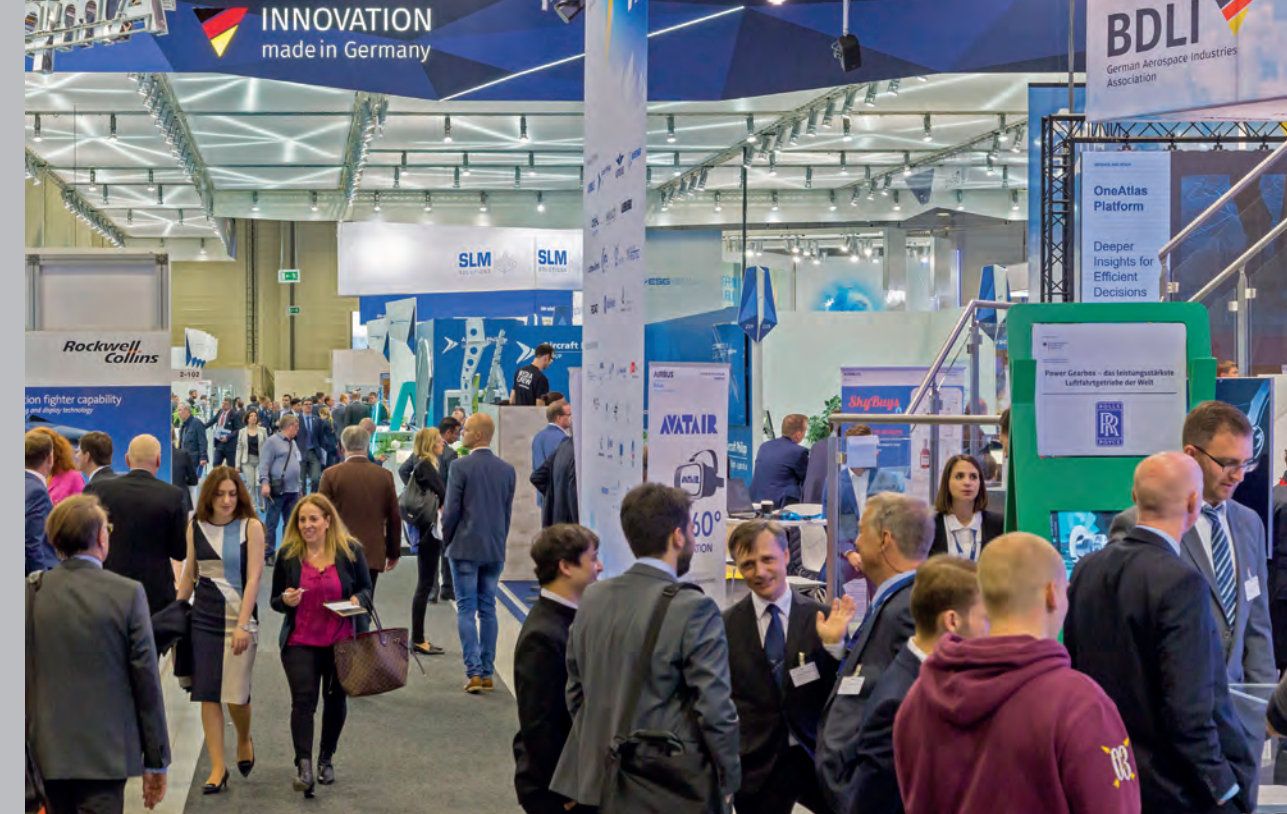
Inspired by André Borschberg, Co-Founder
& Executive Chairman, Solar Impulse





The BDLI Chalet is the first point of contact for official ILA delegations. The BDLI Pavilion and the Mittelstandslounge serve as an attractive platform for the presentation and perception of customers and partners.

BDLI CHALET JOINT PAVILION





.....

The aim of this initiative is to get 8 – 10 years old pupils excited about MINT subjects. The winners of this year's contest received their prizes at the ILA Berlin 2018.



BDLI

.....

ELEMENTARY
SCHOOL
INITIATIVE





MEDIA

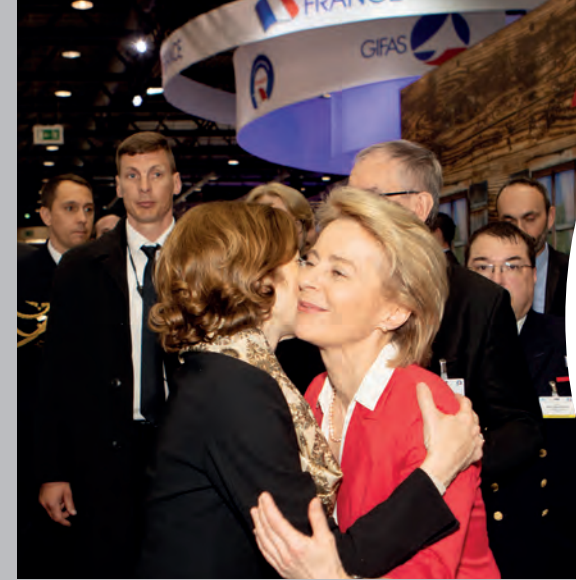
With more than 4,000 journalists from over 70 countries attending the trade show, ILA Berlin 2018 was one of the most important media events in Germany.





- 8 -

PARTNER COUNTRY
FRANCE



PARTNER COUNTRY FRANCE – A FURTHER BOOST TO GERMAN- FRENCH RELATIONS

France was the partner country of the ILA Berlin 2018, with visits by high-ranking political guests. The Federal Minister of Defence, Ursula von der Leyen, emphasized that “this year in particular it is a symbol of German-French friendship and cooperation.” Together with her French counterpart, Florence Parly, the minister announced several joint armaments programmes.



PARTNER COUNTRY FRANCE

“The ILA 2018 not only features innovations but also cooperation“, the chancellor said before cutting the blue ribbon at the start of the show.





SPACE
FOR
EARTH

SPACE FOR EARTH

Ausgang/Exit

wegen:
Dialog- und
Kooperationsplattformen
• „Raumfahrt bewegt!“
• INNOspace

RAUMFAHRT
BEWEGT



ROBOTIK
ROBOTICS

SUSTAINABILITY

BODENSEGMENT UND
KONTROLLZENTRUM
GROUND SEGMENT
AND OPERATIONS

DIGITALISIERUNG

DER ZUGANG ZUM WELTRAUM
ACCESS TO SPACE

SECURITY

CLIMATE CHANGE

SICHERHEIT

MENSCHEN IM ALL
WORKING IN SPACE

EUROPA UND DIE INTERNATIONALE RAUMSTATION
EUROPE AND THE INTERNATIONAL SPACE STATION