

# air cargo update

www.aircargoupdate.com



## FedEx Bullish over air cargo's future

**Jack Muhs**  
Regional President  
FedEx Express MEISA

### The Lounge



**Ed Bastian**  
Delta Air Lines, CEO



**24 | News Feature**  
Dubai  
Airshow 2021



**28 | Features**  
Campus Germany:  
Lessons in  
sustainability



**32 | Trucking**  
Ford Trucks continues  
expansion in Europe

Airlines

Airports

Logistics



**>5**  
Handling  
Cargo Operators



**+19**  
Freighter Aircrafts  
of which are 10  
Boeing 747-400



**+50**  
Airports  
Connecting globally

## GROWTH PARTNERS

OPTIMISED SALES & MANAGEMENT SOLUTIONS  
FOR AMBITIOUS GLOBAL CARGO AIRLINES

**Fleet Configuration:** Boeing 747-400, Boeing 737 NG, B757-200, B737 CL

### Air One Aviation Limited

1 Becketts Place, Hampton Wick, Kingston-upon-thames Surrey Kt1 4eq, UK  
Office: +44 203 176 1700 | Email: cargo@aironeaviation.com



Air Cargo Update is a platform to disseminate news and tackle issues in the global air freight industry with emphasis in the Middle East, South Asia and Africa.

• BAHRAIN • CYPRUS • IRAN • IRAQ • JORDAN • KUWAIT • LEBANON • OMAN • QATAR • SAUDI ARABIA • SYRIA • UNITED ARAB EMIRATES • YEMEN • ALGERIA • ANGOLA • BENIN • BOTSWANA • BURKINA FASO • BURUNDI • CAMEROON • CENTRAL AFRICAN REPUBLIC • CHAD • CONGO • COTE D'IVOIRE • DJIBOUTI • E. GUINEA • EGYPT • ERITREA • ETHIOPIA • GABON • GHANA • GUINEA • GUINEA • BISSAU • KENYA • LESOTHO • LIBERIA • LIBYA • MADAGASCAR • MALAWI • MALI • MAURITANIA • MAURITIUS • MOROCCO • MOZAMBIQUE • NAMIBIA • NIGER • NIGERIA • RWANDA • SAO TOME & PRINCIPE • SENEGAL • SEYCHELLES • SIERRA LEONE • SOMALIA • SOUTH AFRICA • SUDAN • SWAZILAND • TANZANIA • TOGO • TUNISIA • UGANDA • ZAIRE • ZAMBIA • ZIMBABWE • BANGLADESH • BHUTAN • INDIA • PAKISTAN • SRI LANKA • NEPAL



**7dimensions**  
MEDIA FZE LLC

PO Box: 9604, SAIF Zone, Sharjah - UAE  
Tel: +971 6 557 9579, Fax: +971 6 579569,  
info@7dimensionsmedia.com  
www.7dimensionsmedia.com

### Chief Editor

**Gemma Q. Casas**  
gemma@7dimensionsmedia.com

### Contributors

**Nirmala Rao**  
**Ayesha Rashed**  
ayesha@aircargoupdate.com

### Sales & Marketing

**Israr Ahmad**  
israr@7dimensionsmedia.com

### Head Operations

**Mohammad Karimulla**  
karimulla@7dimensionsmedia.com

### Creative Director

**Mohammed Imran**  
imran@7dimensionsmedia.com

### Photo Journalist

**Wasim Ahmed**  
wasim@7dimensionsmedia.com

WORLDWIDE MEDIA REPRESENTATIVES  
France, Belgium, Monaco, Spain:  
Aidmedia, Gerard Lecoeur; Tel: +33 (0) 466 326 106; Fax: +33 (0) 466 327 073  
India:  
RMA media, Fareedoon Kuka;  
Tel: +91 22 5570 3081; Fax: +91 22 5570 3082  
Taiwan:  
Advance Media Services Ltd, Keith Lee;  
Tel: (886) 2 2523 8268; Fax: (886) 2 2521 4456  
Thailand:  
Trade and Logistics Siam Ltd, Dwight A Chiavetta;  
Tel: +66 (0) 2650 8690; Fax: +66 (0) 2650 8696  
UK, Ireland, Germany, Switzerland,  
Austria: Horseshoe Media, Peter Patterson; Tel: +44 208 6874 160

## New beginnings

We're two years into the pandemic and despite the world's push to contain COVID-19, the ugly truth is that it has the uncanny ability to mutate into a new strain that could potentially be more dangerous and contagious just like Delta and Omicron.

The situation remains worrisome because of lives at stake and its damaging impact to the global economy.

It also undermines efforts to revive global connectivity and is straining the air cargo industry which has to work doubly hard to meet the world's growing demand for air transport services.

There are the billions of COVID-19 vaccines to be distributed worldwide. The medical and healthcare supplies and pharmaceuticals needed to be hauled on a regular basis. The general cargo that businesses depend on. The growing e-commerce goods transported across continents, and so on.

With the belly capacity of most passenger airlines still not being utilized due to the pandemic's volatile situation, the airfreight industry's burden becomes heavier.

In this edition, we bring you FedEx Express's insights into the industry and its plans to expand its global operations with the UAE and KSA as springboard with their ideal location connecting the East and the West within just hours.

We'll also share with you the remarkable story of Dubai Airshow's comeback a year after it was postponed due to the pandemic. Organizers described it as the biggest edition since its launch in 1989 with more than 104,000 attendees from all over the world, and an incredible \$78 billion worth of deals made during the five-day event.

Without a doubt, the event's success marks a turning point in the international aviation and aerospace's industries recovery and growth efforts.

The pandemic has created losses, opportunities and possibilities in ways that no one has ever imagined. Here's hoping that 2022 will be a year of positivity that will usher in new beginnings for a world turned upside down by an invisible enemy known as COVID-19.

**Gemma Q. Casas**  
**Editor-in-Chief**

All rights reserved. The opinions and views expressed in this publication are not necessarily those of the publishers. Readers are requested to seek specialist advice before acting on information contained in this publication, which is provided for general use and may not be appropriate for the reader's particular circumstances. The publishers regret that they cannot accept liability for any error or omissions contained in this publication.



**20**  
**Cover Story**

*FedEx  
Bullish over air  
cargo's future*



**06** **The Lounge**  
*Family, faith, community, marathons,  
football & golf for Delta's CEO*



**24** **News Features**  
*Dubai Airshow 2021*



**28** **News Feature**  
*Campus Germany: Lessons in  
sustainability*



**32** **Trucking**  
*Ford Trucks continues  
expansion in Europe*

**46** **Upcoming Events**

**08** **Global News**

**38** **Airports**

**17** **Logistics**

**41** **Executive  
Moments**

**35** **Airlines**

**44** **Gallery**





## MOVING YOUR CARGO BEYOND B O R D E R S

Prime Aviation specializes in providing customized cargo solutions to different types of clients from international freight forwarders, to shippers, logistic providers, governments and humanitarian relief organizations. From Europe to China, CIS countries, India and USA, it has developed an global network of agents and offices worldwide.



### Air Freight



### Air Cargo Charter



### Cargo Services

- Cargo acceptance, handling & warehousing
- Door to door delivery
- Customs clearance
- Schedule cargo flights

www.primeaviation.ae

**PRIME**  
A V I A T I O N

PRIME AVIATION FZCO  
2W – 401, Dubai Airport free Zone  
P.O. Box 936210, Dubai, UAE

Contact: +971 4 3231491, +971 50 5219843  
E-mail: sales@primeaviation.ae  
Website: www.primeaviation.ae



# Family, faith, community, marathons, football & golf for Delta's CEO



**Ed Bastian**  
Delta Air Lines, CEO

**D**elta, the most profitable airline in the world which serves nearly 370 destinations in six continents, had just released its 2020 bonus checks when the COVID-19 outbreak hit. Within a month into the turbulent global aviation scene due to the virus, the airline lost about 95 percent of its revenues, according to media reports

But Delta's strength of character prevailed thanks to the power of strong leadership that its CEO, Ed Bastian, showed to ensure that the airline survives the crisis.

Bastian, who leads a team of 75,000 globally, reminded their employees throughout the pandemic that "crises don't build character, they reveal character."

Today, Delta is remarkably bouncing back announcing its operating revenue, adjusted \$8.3 billion for the September quarter 2021 improved 30 percent, or \$1.9 billion more from June quarter 2021.

"Our September quarter marked an important milestone in our recovery, with our first quarterly profit since the start of the pandemic. Our revenues reached two-thirds of 2019 levels thanks to the industry-leading operational performance our people delivered through a busy summer, once again showing why they are the best in the business," said Bastian.

The airline's total passenger revenue was 63 percent recovered in the September quarter 2021 compared to September quarter 2019 on system capacity that was 71 percent restored compared to 2019 levels.

**"While demand continues to improve, the recent rise in fuel prices will pressure our ability to remain profitable for the December quarter. As the recovery progresses, I am confident in our path to sustained profitability as we continue to provide best-in-class service to our customers, strengthen preference for our brand, while creating a simpler, more efficient airline," the Delta CEO said.**

Bastian, a business major graduate from New York's St. Bonaventure University, began his career as auditor at Price Waterhouse now PricewaterhouseCoopers (PWC). In 1981, he uncovered a \$50 million fraud scheme involving ad powerhouse J. Walter Thompson, prompting a US Securities and Exchange Commission investigation, according to media reports. He was named the firm's partner at age 31.

After PWC, Bastian moved to PepsiCo as vice president. He joined Delta in 1998 as Vice President – Finance and Controller and was promoted to Senior Vice President in 2000.

He left Delta in 2005 and became Senior Vice President and Chief Financial Officer of Acuity Brands. He returned to Delta six months later to become Chief Financial Officer, and in 2007 was appointed to serve as Delta's President.

Since being named Delta's CEO in May 2016, Ed has expanded Delta's leading position as the world's most reliable airline while growing its global footprint and enhancing the customer experience in the air and on the ground.

During his tenure as CEO, Delta has become the world's most awarded airline, having been named the No. 1 airline by J.D. Power; Wall Street Journal's top U.S. airline; Fortune's most admired airline worldwide; the most on-time global airline by FlightGlobal; among TIME100's Most Influential Companies, a Glassdoor Best Place to Work and more.

In 2018, Fortune magazine named Bastian among "The World's 50 Greatest Leaders," and in 2019, he was elected to the membership of the Council on Foreign Relations. Most recently, Bastian was named among the Top 10 CEOs of 2021 in Glassdoor's Employees' Choice Awards as a leader who excelled at supporting their people throughout a global pandemic.

Bastian's values-based leadership propelled the airline to become the industry leader and a trusted global brand, guided by empathy, humanity and devotion to service, which has served Delta well in good times and bad. He has served as a Delta leader and steered the company through the most challenging periods of the company's history, including 9/11, bankruptcy and COVID-19.

As the world emerges from the pandemic, Delta is leading the industry in the recovery, harnessing the power of innovation and Delta's people-focused culture to set the course for the future of travel.

Bastian who lives in Atlanta is deeply involved in his faith, family and community. He's also into marathons, football and golf. And delights in the company of his dog, Oliver.

Sharing a photo of his young self in an Instagram post, the now 64-year-old Bastian wrote, "Wow—I would have never imagined in this moment all the possibilities life could bring. Keep dreaming. Keep working. Keep climbing. Good things are always on the horizon."

# 2021 by QATAR AIRWAYS CARGO

THANK

YOU

What we do, we do for you.  
And what we do, we cannot do without you.  
Thank you to all our dedicated customers and employees.

160+ destinations served in 2021  
127,000+ flights from Jan-21 to Oct-21  
More than 1.4M tonnes of cargo transported from Jan-21 to Oct-21  
Over 2,600 devoted employees

Moved by people  
[qcargo.com](http://qcargo.com)

**QATAR**  | **CARGO**  
AIRWAYS القطرية



## dnata expands in Africa with major investment in Tanzania

From left: Steve Allen, Executive Vice President of dndata and Chairman of Emirates Leisure Retail and MMI, H.E. Dr. Hussein Ali Mwinyi, President of Zanzibar and Chairman of the Revolutionary Council, Christian Laugier, CEO-Sales for Egis. dndata Photo

**Zanzibar, Tanzania:** Leading global air and travel services provider dndata has signed a concession agreement with The Government of Zanzibar, along with Emirates Leisure Retail and SEGAP, a joint venture between airport infrastructure and operations specialists Egis, and private equity fund manager ALLM, as part of its expansion in Africa.

**Under the partnership, dndata will oversee the operations of Zanzibar Abeid Amani Karume International Airport's (ZNZ) newly-built international terminal (T3), with SEGAP supporting the Zanzibar Airports Authority (ZAA) in a management capacity. Emirates Leisure Retail will partner with MMI as master concessionaire for all food and beverage, duty free and commercial outlets at T3.**

dnata will provide its globally renowned, quality ground and passenger handling services to airline customers at ZNZ, ensuring safe and timely operations of flights and an excellent travel experience for passengers. dndata expects to handle over 4,000 flights annually at the airport.

dnata will also invest in a state-of-the-art cargo centre to establish cargo operations at the airport, supporting local trade and businesses. The facility will comply with the highest industry standards ensuring efficient and safe handling of a broad range of cargo, including perishables, pharmaceuticals, dangerous goods, live animals, aircraft engines and vehicles.

In addition, dndata will launch meet & greet and lounge services through its airport hospitality brand, marhaba, to help passengers further enhance their experience and enjoy a smooth airport journey from check-in to boarding.

dnata's expansion into Zanzibar represents an investment of over US\$ 7 million and will create up to 400 direct local jobs with the company. Including this latest investment which is dndata's first operation in Tanzania, dndata now provides quality and safe ground handling, cargo, catering and

travel services in 36 countries.

Steve Allen, Executive Vice President of dndata and Chairman of Emirates Leisure Retail and MMI, said: "We are thrilled to expand our global footprint into Africa and establish operations at the airport of Zanzibar. We are confident that our investment in the local aviation industry will stimulate tourism and trade, delivering significant benefits for Zanzibar businesses and the local community."

H.E. Dr Hussein Ali Mwinyi, President of Zanzibar and Chairman of the Revolutionary Council, described the launch of the new terminal at the Abeid Aman Karume International Airport as a "turning point in the Revolutionary Government of Zanzibar's efforts in becoming a globally recognized island for tourism and trade."

"The Zanzibar Airport Authority's partnership with dndata reaffirms our commitment to international excellence in providing a seamless experience for all international visitors. We look forward to expanding our global footprint in facilitating trade and investment via our increased handling capacity for both passenger and air cargo operations," he said.

Christian Laugier, CEO-Sales for Egis, noted their teams will focus on performance across all areas and expressed hope their collaboration will attract more tourists to the destination.

"This is an important step that opens great partnership possibilities with Zanzibar, where we are prepared to consider further investment in airport infrastructure development," he said.

## Hactl new nerve center boosts efficiency & resilience



**HONG KONG:** Hong Kong's largest independent air cargo handler, Hong Kong Air Cargo Terminals Limited (Hactl), recently unveiled its revolutionary new Integrated Hactl Control Centre (iHCC), creating a single command center that is manned 24/7/365.

The iHCC centralizes operations control, systems control and maintenance control for the first time, with duty managers able to monitor the entire SuperTerminal 1 facility – from traffic management at its truck parks through the many different functional areas of the terminal, to cargo dispatch activities at the airside area.

Before the opening of the iHCC, monitoring and controlling functions were decentralised to the individual Operations, Engineering and Facilities Services, and Information Services departments, which created a time lag in data collection and sharing.

The iHCC provides comprehensive real time data, and workload forecasts for the coming eight hours, enabling instant adjustments to be made to staffing and resources to cope with any unexpected workload peaks.

It also serves as a fully-integrated emergency centre, facilitating the involvement of the crisis management team, and coordinating actions across all departments, to ensure effective decision-making and proactive responses to crises. The Centre's concept is similar to the emergency centres now found in many airlines and major airports around the world.

Hactl Executive Director – Operations Paul Cheng, noted: “iHCC provides totally-comprehensive, accurate and instantaneous information on every aspect of Hactl's giant operation; this is available to those managers with the required access rights, providing them with a holistic view of operational status of both cargo and flights. Not only does this enable us to run our everyday operations at a new level of efficiency, it means we can forecast potential problems before they create issues.”

The new iHCC is equipped with a variety of state-of-the-art systems and equipment to keep SuperTerminal 1 running smoothly and seamlessly. COSAC-Plus, Hactl's self-developed cargo management system, connects all air cargo stakeholders such as government bodies, airlines and freighter forwarders, and processes around one million data transactions every day. Newly-developed dashboards provide real time data and workload forecasts on all facets of operations.

There is also a comprehensive 3D Schematic Display System, which graphically shows the position of all cargo and equipment in the terminal's cargo handling systems; clicking on any ULD or box displays its details and status.

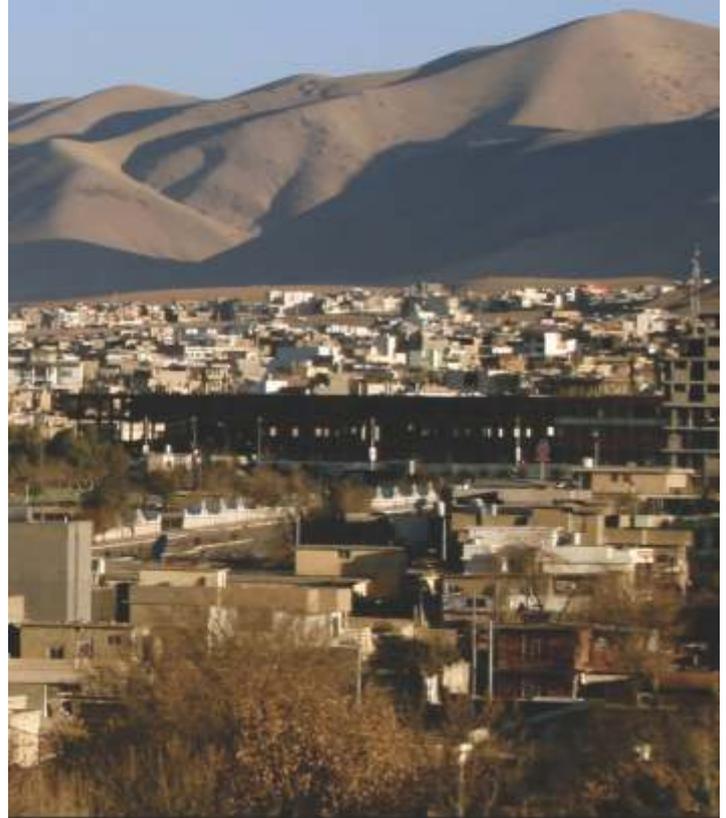
In addition, iHCC is equipped with a CCTV monitoring system covering all 1000+ cameras located throughout the terminal. Meanwhile, a flight tracking system assists in predicting aircraft arrivals, and a unit-building monitoring system shows the progress of building and breakdown of units at the terminal's 466 workstations. AI-based workload forecasting assists managers in making more informed and consistent decisions, removing possible anomalies caused by variations in managers' experience.

One area in which iHCC is already proving its value is dealing with the problem of empty containers taking up storage locations in Hactl's Container Storage System, due to severely-reduced passenger flight frequencies.

*Pioneering air cargo solutions since 1994*

*Send your cargo with Coyne to Iraq.*

*Freighter services to Baghdad, Basra, Erbil and Suleimaniyah.*



*Find us at the frontiers*

Afghanistan - Armenia - Azerbaijan - Benin - Botswana - Cameroon  
Djibouti - Eq. Guinea - Eritrea - Gabon - Georgia - Ghana - Guinea  
Iraq - Ivory Coast - Kazakhstan - Kyrgyzstan - Liberia - Libya - Mali  
Mauritania - Mozambique - Namibia - Sierra Leone - Somalia  
South Africa - South Sudan - Tajikistan - Tanzania - Togo  
Turkmenistan - Uganda - Yemen - Zambia

[www.coyneair.com](http://www.coyneair.com)

**coyne**  
airways



## Turkish Cargo adds Macau to its expanding cargo flight network

**ISTANBUL, Turkey:** Turkish Cargo now has direct cargo flight service to Macau, one of the economic centers of China, bringing to 97 its direct cargo flights globally, the largest in the world.

The move comes after Turkey's national airfreight added Hong Kong. The Macau cargo flights began on 01 November 2021.

Located in the Guangdong province of China, Macau is an important economic hub in terms of tourism and finance and hosts market leaders of sectors such as high technology, e-commerce, electronics and textiles.

**Turkish Cargo says it aims to strengthen the air cargo bridge it has established between Europe and the Far East with the reliable, fast and direct air transportation it offers to logistics service providers with Airbus A330F type wide body cargo aircraft on ISL-ALA-MFM-ALA-ISL route.**

Connecting continents, Turkish Cargo offers the world's largest direct cargo flight network in the world; consisting of 97 destinations worldwide,



excluding express carriers. The carrier performs global business processes with the fleet of Turkish Airlines, consisting of 371 aircraft including 24 dedicated freighters.

Achieving sustainable growth with its infrastructure, operational capabilities, fleet and expert teams in the field, Turkish Cargo aims to become one of the top 3 air cargo brands in the world. The carrier has been innovating to develop sustainable pioneering projects in the field of digitalization to enhance the quality of service offered to its customers in a changing world.



## Air One Aviation extends 747 freighter focus as ROM Cargo signs exclusive global sales agreement

**LONDON:** ROM Cargo has appointed Air One Aviation as its exclusive Global Sales & Services partner after securing its Air Operators' Certificate from Romania's civil aviation authority to begin international Boeing 747-400 freighter services.

Combined with its existing airline client base, the new contract means Air One Aviation is now marketing its biggest-ever fleet of Boeing 747-400SF freighters globally as well as a Boeing 737-400SF for regional cargo services. In the past 18 months, Air One Aviation has generated over 270 million kilos of airfreight for more than 2,400 full freighter flights to more than 50 countries, achieving its most successful year yet.

Air One Aviation expects ROM Cargo's 747F fleet – which will be available for full charter services and capable of carrying a payload of up to 112 tons – to meet immediate demand for Asia-Europe cargo capacity.

Paul Bennett, Founder & CEO of Air One Aviation Limited, stated: "We are

delighted to welcome another Boeing 747 freighter operator into our fleet portfolio. With the support we are generating from our freight forwarding, logistics and charter broker customers for 747 all-cargo capacity, we are confident of quickly establishing ROM Cargo in the international market and developing a platform for the next stage of the airline's expansion."

"Given its track record of generating growth for other 747 freighter operators, and its large, established customer base for full charter flights, we see Air One Aviation as a natural partner for our aircraft. It has a highly experienced commercial team, and we look forward to leveraging their knowledge and expertise in the freighter market," added Nicu Berla, Deputy Accountable Manager of the airline, which trades as ROMMCARGO.

## Wiremind enhances Skypallet ULD & Flight Optimization system

**PARIS, France: In close collaboration with air cargo stakeholders, Wiremind's dedicated air cargo software experts have been fine-tuning its trusted Skypallet solution with more products to follow soon.**

Wiremind, a software and data company, counts over 1,200 users in 100 countries for its Skypallet solution. These include international air cargo stakeholders such as Emirates, Atlas Air, United, Qantas, ECS Group, and Chapman Freeborn.

SkyPallet's Weight & Balance module ensures the trim of the flights. Its proprietary algorithm takes into account trimming requirements, and carries out weight and density checks to ensure the aircraft's center of gravity (CG) is properly positioned. In addition, it minimizes ground time through a smart allocation of positions depending on their destination, to ensure the first pallets to be unloaded are close to the doors.

The average calculation time for a shipment in SkyPallet is under 4 seconds, and a full aircraft is calculated in less than 1 minute.

Three services are of particular interest and help to bridge the gap in knowledge and experience within an airline's air cargo teams, resulting in greater process conformity, higher revenues, and, above all, improved flight safety given that applicable regulations and restrictions are automatically considered by the system.

SkyPallet's 3D Volume Calculator supports sales staff in pricing decisions for quotations, as it determines within seconds how much space a non-standard shipment would be occupying given available capacity options.

To do so, it automatically considers contours and restrictions, thus eliminating several manual process steps that not only slow down the quotation process, but can also result in inaccurate and inconsistent data, and therefore reduced revenue potential. The 3D shipment visualization can be shared with all involved parties, an appropriate rate can be established, and the airline

benefits from an increase in revenues.

Similarly, SkyPallet's Flight Planning module provides a detailed ULD build-up sequence to optimize capacity utilization. This module was recently enhanced with a new visual build-up plan feature which caters to the specific needs of flight planners and GHAs. It rapidly calculates whether an incoming shipment would fit on the flight, using dimension assumptions when the final details are not fully known, and provides a more accurate result than one based purely on volume information. The system offers real-time remaining space calculations, based on the shipments that have so far been accepted for the flight.

"Our vision, at Wiremind, is to offer the ultimate end-to-end software solution to the air cargo market. In order to do that, we work closely with industry stakeholders who have a global vision and established cargo expertise, not just in operations and handling, but also in commercial, pricing, and inventory management," Nathanaël de Tarade, Chief Commercial Officer at Wiremind, said.

"This industry knowledge, combined with our data-science intelligence, results in a unique supporting software solution that serves to greatly simplify the work of handlers, flight analysts, sales, reservation agents and operations in their daily tasks. They benefit from sharing the same data at all stages of the cargo process, from quotation to booking to build up to delivery. This not only speeds up software-supported decision-making, but also largely reduces the risk of errors caused by faulty or multiple data inputs for the same shipment."

Wiremind is working on a number of additional products aimed at helping airlines and forwarders to better manage their cargo activities, and will be launching these in the coming months.

**BRUSSELS, Belgium:** More than 750 million COVID-19 vaccines have been handled in and out of Brussels Airport destined for more than 60 countries a year since authorities approved the vaccines' global roll-out, officials said.

**BRUcure Taskforce, which is made up of Air Cargo Belgium and Brussels Airport Company and other stakeholders, that aims to ensure a safe, reliable and fast transportation of the different Covid-19 vaccines to and from Brussels Airport, said this is a major milestone that deserves to be celebrated.**

Those numbers do not only include vaccine imports and exports, but also vaccines that passed through the airport in transit before reaching their final destination, BRUcure emphasized.

A key enabler of this achievement is the BRUcure Taskforce and its more than 40 airfreight stakeholders. Joining their forces in 8 different work packages, 4Advice, Air Cargo Belgium, Brussels Airport Company,

## BRUcure Taskforce marks one year of vaccine flights with 750 million vaccines transported

Nallian, the University of Antwerp and Voka Vlaams-Brabant started their effort in the fight against the coronavirus to make sure that vaccines could be handled and shipped throughout Europe's most important pharma gateway.

With the BRUcure Taskforce, funded by the Province of Flemish-Brabant and celebrating its one-year anniversary this week, Air Cargo Belgium said it wants to make sure that the distribution of the vaccine is organized in the most safe and secure way. 18 companies that are member of the Taskforce obtained the BRUcure Readiness Label, proving that they are completely prepared for the vaccine distribution.

"Air Cargo Belgium is proud of our contribution to the global distribution of COVID-19 vaccines. This is a true example of collaboration within the entire cargo community at Brussels Airport. With BRUcure, we established a platform grouping all stakeholders with a common goal: ensure the distribution of vaccines was done in the most efficient way ensuring the highest quality of handling and transportation. The numbers speak for themselves. On a daily basis, the Brussels Airport cargo community demonstrates its potential to innovate and digitize to serve pharmaceuticals companies worldwide," said David Bellon, Chairman of Air Cargo Belgium.



# ABU DHABI AIR EXPO

## AVIATION & AEROSPACE EXHIBITION

### 25-26-27 OCTOBER 2022

JOIN THE LEADERS IN THE AVIATION INDUSTRY



AL BATEEN EXECUTIVE AIRPORT  
ABU DHABI, THE CAPITAL - UAE

Hosted by :



[www.abudhabiairexpo.com](http://www.abudhabiairexpo.com) • [info@airexpo.aero](mailto:info@airexpo.aero)



## American Airlines Cargo continues international route expansion with service to New Delhi

**FORT WORTH, Texas:** American Airlines Cargo has further expanded its international network with the introduction of service to New Delhi from New York City on Nov.12, 2021. This will be the first time the airline has served the country since 2012.

American marks its return to the Indian capital city with a daily service from John F. Kennedy International Airport (JFK) to New Delhi Indira Gandhi International Airport (DEL). This expansion will be followed by daily service between Seattle-Tacoma International Airport (SEA) and Kempegowda International Airport Bengaluru (BLR) in early 2022, linking two critical global technology markets with the U.S. and beyond.

The New Delhi service will operate using a Boeing 777-300ER aircraft, the largest widebody in American's fleet.

The freight forwarder community in India is eager to support the launch of this international service that will connect many commodities, such as leather products, textiles, ready-made garments, pharmaceuticals, machinery, and technology parts with destinations around the world via JFK.

"India is a really exciting market for our cargo business and we are delighted to be returning to these key destinations. There has long been a demand from our customers in the region for a direct link with New York, and we anticipate strong support for the service," said Tim Isik, Sales Director – EMEA & APAC for American Airlines Cargo.

The company's GSSA in India is Air Logistics, which will be selling outbound cargo capacity from DEL to JFK.

"Recent capacity constraints to the US have created huge demand for air cargo capacity ex-India and at such times when stimulus is needed to reinvigorate, recharge and revive our economies, this new service is a huge boost. We are ecstatic that the two largest production powerhouses of the world are on the cusp of being better connected through this new service," said Sakshi Gupta, Country Manager India – Air Logistics Group.

## AirBridgeCargo Airlines extends handling partnership with Frankfurt Cargo Services

**FRANKFURT/MOSCOW:** AirBridgeCargo Airlines (ABC) says it has renewed its cargo handling contract at Frankfurt/Main Airport with Frankfurt Cargo Services (FCS), the largest independent cargo handler at the airport and a subsidiary of Worldwide Flight Services (WFS).

ABC currently operates up to 15 Boeing 747 freighter flights a week from Frankfurt to its hubs at Moscow's Domodedovo and Sheremetyevo airports, seamlessly connecting customers to more than 30 prime cargo destinations in Europe, Asia and North America from Russia's capital. Its business relations with FCS dates back to 2008.

"Frankfurt is one of the most important airports in AirBridgeCargo's intercontinental route network. Thanks to our reliable and close cooperation with Frankfurt Cargo Services, we offer our customers quick and easy access to key cargo markets globally, including for our specialist products. Solutions such as FCS' mobile SuperBox refrigeration unit, for example, support our growing pharmaceutical volumes and means we can respond optimally to our customers' requirements as well as trends in the market," said Diana Schöneich, Senior Director European Region at AirBridgeCargo.

As a customer of FCS in Cargo City South at Frankfurt Airport, ABC benefits from a direct connection between the airside apron and the landside cargo handling operation, shortening cargo processing times. The knowledge and expertise of FCS' handling team in Frankfurt also supports ABC's service requirements for special consignments such as dangerous goods, heavy and outsize loads, and temperature-sensitive cargoes.



With volumes continuously increasing, FCS' proven capability of handling temperature-sensitive pharmaceutical products was one of the decisive factors in AirBridgeCargo's decision to extend its longstanding partnership. With GDP (Good Distribution Practice) and IATA CEIV Pharma certifications, FCS' Frankfurt cargo operation is fully compliant with the cargo handling requirements of both airlines and pharmaceutical companies.

"In our 13 years of partnership so far, AirBridgeCargo and FCS have both significantly expanded our cargo operations in Frankfurt, and we have worked closely together to overcome major challenges, including, of course, the coronavirus crisis and its impact on global supply chains. We wish to thank AirBridgeCargo for the airline's continued loyalty to FCS and we look forward to a new phase of growth in our relationship," added Claus Wagner, Managing Director of Frankfurt Cargo Services.



# It's what's inside that counts



CABIN TECHNOLOGIES | CHEMICALS | FLOORING | FUTURE CABIN CONCEPTS  
GALLEY | IFEC | LIGHTING | SANITISATION | SEATING | TEXTILES

22–23 February 2022

Sheikh Saeed Hall 2 – 3  
Dubai World Trade Centre, UAE

CO-LOCATED WITH

**MRO**  
MIDDLE EAST  
Organised by  
AVIATION WEEK Tripus

[WWW.AIME.AERO](http://WWW.AIME.AERO)



FOLLOW US ON TWITTER @AIMIDDLEEAST

## American PetEmbark™

### American Airlines Cargo enhances pet program with new resources for animal shippers

**FORT WORTH, Texas:** American Airlines Cargo has introduced American PetEmbark, an enhancement to its pet program that now offers customers last mile solutions, new tools and resources and will soon include a more seamless booking process – making pet travel on American easier than ever.

**Part of the PetEmbark program includes a new video guide that offers step-by-step instructions for booking a pet on American, ranging in information from kennel guidelines to approved travel conditions to drop-off and pick-up timing.**

The video explains how American's trained pet-handlers and agents will care for pets along the journey and the pride American takes in helping these precious passengers along their journey.

The airline also recently announced a new partnership with My Pet Cab. Available for booking as of September 1, American said My Pet Cab offers pet owners a safe and seamless home delivery service for pets while working directly with the airline to coordinate and complete the final miles of each pet's itinerary.

My Pet Cab vehicles are equipped to prioritize each pet's health and safety on their ride home, outfitted with secondary air systems and electronic monitoring thermometers as well as remote cameras and vehicle monitoring systems.

"With American PetEmbark, our customers have more access to tools



and resources that make shipping their pet as seamless as possible," said Vittal Shetty, Head of Cargo Strategy for American Airlines Cargo. "These enhancements not only make it easier for pet owners to do business with us but helps to ensure a safe and stress-free journey from start to finish."

American has more than 65 years of experience transporting animals and provides industry-leading policies and procedures to ensure all animals have the best experience possible. With American's PetEmbark program, customers can feel confident their furry friends will be in the hands of a dedicated team of compassionate animal handlers.

### Rhenus expands in Scandinavia with new office in Oslo



**BERLIN, Germany:** Rhenus will be represented in Norway from February 2022 with the opening of its office in the country's capital, Oslo.

The company said the new location will be the first for Rhenus in Norway, and the first in Scandinavia, for Rhenus Air & Ocean. It attributed its successful expansion to Rhenus Air & Ocean close networking in the Netherlands, Belgium, the United Kingdom and Ireland.

"The opening of the new location in Norway is an important strategic step for the Rhenus Group and an expansion into new markets. It strengthens our presence in the Nordic countries and brings us even closer to our customers," explains Frank Roderkerk, Managing Director Northern and Western Europe, Rhenus Air & Ocean.

In addition to air and sea freight, the new location offers other services such as the supply of offshore platforms, project logistics and logistical support in the areas of

health, mining, auxiliary services, renewable energies and perishable goods.

Oslo offers Rhenus ideal conditions for the new location. A well-developed infrastructure with high-performance means of transport and routes, easy access and new, modern buildings enable excellent working conditions for the dynamic team in Norway. "Rhenus Air & Ocean is currently not represented in Scandinavia and therefore intends to strengthen its presence on the Norwegian market by establishing a branch in Oslo, the capital and economic metropolis of the country," emphasizes Bent Thomassen, Managing Director of Rhenus Norway.

# Arriving March 8-10, 2022

## Miami Airport Convention Center



**AIR CARGO  
AMERICAS**



**SUPPLY CHAIN  
AMERICAS**



Register NOW to secure your exhibit booth or to attend the conference.



[www.aircargoaamericas.com](http://www.aircargoaamericas.com) | [www.supplychainamericas.com](http://www.supplychainamericas.com)

## Emirates SkyCargo and Emirates Post Group to develop e-commerce end-to-end global logistics platform

**DUBAI, UAE:** Emirates SkyCargo, the freight division of Emirates airline, and Emirates Post Group (EPG), have agreed to work together to develop an e-commerce end-to-end global logistics platform, with a key focus on serving markets in the Middle East, Africa and West Asia.

The Memorandum of Understanding (MoU) signed at the recently concluded Dubai Airshow by Nabil Sultan, Emirates Divisional Senior Vice President, Cargo, and Abdulla M. Alashram, Group CEO, Emirates Post Group, is the first of its kind partnership between an airline cargo carrier and a national postal operator. Their partnership combines the global network and capacity strengths of Emirates SkyCargo with the last-mile delivery expertise and partnerships of EPG's 'Emirates Post' business.

The partnership will pivot on the strength of Dubai as a global hub for logistics and will encourage e-commerce businesses to set up operations in the city, ideally positioned as a gateway to major consumer markets.

Nearly two thirds of the total global population can be reached within an eight-hour flight from Dubai and this forms an attractive proposition for e-commerce players aiming to deliver goods to customers within the shortest possible time. With its sophisticated transport links, transit hubs and supply chain infrastructure, Dubai is also well positioned to handle global flows and volumes of e-



**Nabil Sultan, Emirates Divisional Senior Vice President, Cargo, right, with Abdulla M. Alashram, Group CEO, Emirates Post Group.**

commerce cargo.

"This partnership is part of our broader e-commerce strategy to provide support as a distribution partner to small and medium sized e-commerce players and other businesses, based both within and outside the UAE, who may not have the required infrastructure required to scale their business and reach a global audience. With our global network spanning six continents and our state-of-the-art hub in Dubai capable of handling large volumes of e-commerce cargo, our wide body capacity and our frequency of flights, Emirates SkyCargo is well placed to move e-commerce goods rapidly across the world," said Sultan.

The Emirates SkyCargo SVP for Cargo added, "Through this partnership, we will now also be able to draw upon the logistical and last-mile delivery expertise of EPG's Emirates Post to create a global platform for e-commerce centred out of Dubai."

The Group CEO of Emirates Post Group noted they are keen on exploring possibilities with Emirates SkyCargo, saying, "We are delighted of the possibilities and opportunities that Emirates Post Group and Emirates SkyCargo can create together as global e-commerce continues to evolve as an industry. Our collaboration with Emirates airline reflects our commitment to continuously expand and enhance Emirates Post's reach in postal and express services."

Emirates SkyCargo is no stranger to developing new and innovative e-commerce solutions. In October 2019, the air cargo carrier launched Emirates Delivers – a fast, reliable and cost-effective international e-commerce shipping solution targeted at end consumers in the UAE shopping from the US. The product has met with considerable success with more than 30,000 subscribed members and several hundred thousand packages delivered in the UAE since its launch.



**HANGZHOU, China:** For the first time, Alibaba is fully running its global shopping festival operations on a 100% cloud after Alibaba Cloud, the digital technology and intelligence arm of Alibaba Group, successfully migrated all of the Group's systems and operations unto the cloud.

This move reduces computing resources by 50% for every 10,000 transactions while computing efficiency is also greatly improved, Alibaba Cloud said.

"We are committed to offering 'green

## Alibaba Cloud transforms this year's digital global shopping festival into the 'cloud'

computing power' to meet the exponential demand from our customers for a low-carbon digital transition, and to drive the sustainable and inclusive development of our society," said Li Cheng, Chief Technology Officer, Alibaba Group.

11.11 Alibaba Cloud used green technologies such as liquid cooling and wind energy at its hyper-scale data centers to make a more sustainable shopping festival. This year, the use of renewable energy in Alibaba's Zhangbei County data center helped to reduce carbon emissions by over 26,000 tons, equivalent to the amount of CO<sub>2</sub> absorbed by one million trees annually.

The scaled deployment of Hanguang 800, the first AI inference chip launched by Alibaba Cloud in 2019, significantly improved efficiency of product search and recommendation during the 11.11 Global Shopping Festival. The algorithm performance for the search function on Taobao marketplace improved by 200%, while energy costs were reduced by 58%.

Alibaba's last-mile logistics vehicle "Xiaomanlv" was serviced at over 200 campuses across China to support package delivery during this year's festival. Over 1 million packages were delivered by 350 Xiaomanlv vehicles during the festival's initial 10-day period, surpassing the entire package delivery volume of the 12 months since the logistics robot was launched in September 2020.

# NEXT STOP MUMBAI



Silver Partner



Registration Desk + Exhibitor Lanyard Partner



Track + Welcome Signage Partner



Delegate bag Partner



Key Card Jacket Partner



VIP lounge Partner



Opening Plenary/ track Partner



Entrance Gate partner



February 22-24, 2022

Mumbai, India



» [www.aircargoindia.aero](http://www.aircargoindia.aero)

exhibition and conference

Contact: Rovina Gomes

E: [rovina.gomes@mm-india.in](mailto:rovina.gomes@mm-india.in) | M: +91 9892173583

## Dubai sets stage to enable more drone use in different industries



**DUBAI, UAE:** His Highness Sheikh Hamdan bin Mohammed bin Rashid Al Maktoum, Crown Prince of Dubai, Chairman of The Executive Council of Dubai and Chairman of the Board of Trustees of Dubai Future Foundation (DFF), recently launched the Dubai Program to Enable Drone Transportation, setting the stage for the use of unmanned aerial vehicles for more industries in the futuristic city of Dubai.

The program primarily seeks to explore the use of drones in several sectors, including health, security, shipping and food. With this mode of transport, carbon emissions will be reduced while facilitating speed and ease of movement of goods.

It also aims to attract talent as well as local and foreign investments to the drone applications sector, in addition to creating new jobs and stimulating economic activity in relevant fields.

Sheikh Hamdan said the program promotes the development and adoption of cutting-edge technologies in line with the vision of His Highness Sheikh Mohammed bin Rashid Al Maktoum, Vice President and Prime Minister of the UAE and Ruler of Dubai, to strengthen Dubai's global competitiveness in adopting advanced technologies in vital sectors.

With the program, innovators and relevant entities can progressively explore ideas, policies and infrastructure needed to realize its objectives.

"Our projects place quality of life at the top of their priorities. We will continue to develop and implement innovative ideas on the ground. We have the right environment, infrastructure, and legislation for the use of drones. We also have the laboratories, expertise and talent to translate prototypes into viable solutions," said Sheikh Hamdan.

"We have recognized the potential of drones in shaping the future early on, and started testing it in the UAE through attracting thousands of innovators in this field from 165 countries to participate in the UAE Drones for Good Award that we launched in 2014. This marked the beginning of our journey with this emerging technology, and reaffirmed our believe in the importance of leveraging future technologies for the benefit of humankind," he added.

The agreement was signed by Dubai Civil Aviation Authority CEO Abdulla Ahli; Dubai Future Foundation CEO Khalfan Belhouli; Roads and Transport Authority CEO of The Public Transport Agency Ahmed Bahrozian; Executive Vice President at Engineering and Smart City, Dubai Silicon Oasis Authority, Engineer Muammar Al Katheeri; Majid Al Futtaim CEO Alain Bejjani; Nabil Sultan, Divisional Senior Vice President at Emirates SkyCargo, and; Ammar Soliman Fakeeh, Chairman of the Board of Fakeeh Care Group.

The launch and signing took place during Dubai Airshow 2021 that drew the participation of more than 1,200 exhibitors as well as civilian and military delegations from over 140 countries.

## AlMalki Group takes warehousing to next level with Infor and SNS

**JEDDAH, Saudi Arabia:** Infor, the industry cloud company, and partner SNS, a leading provider of supply chain consultancy and software implementation, announced that AlMalki Group, one of the region's largest retailers and distributors of luxury goods, has deployed the latest version of Infor WMS warehouse management system.

**Supporting warehouse operations for the distribution of perfume and cosmetics, watches and jewellery, and fashion and accessory brands, including Bvlgari, Hermes, Mont Blanc, Rimowa, Versace, Tom Ford and Cartier, Infor WMS will increase efficiency, space utilization and order reliability, while ensuring full traceability from receipt of goods through to shipping.**

Founded in 1952, the Jeddah-based AlMalki Group is one of the region's largest distributors and retailers of luxury goods. The company employs over 1,600 people and represents more than 105 luxury brands. It relies on efficient and dynamic warehouse operations to support large numbers of outbound orders generated via e-

commerce channels. Having used Infor WMS for many years, the group has now upgraded and expanded the solution to support a more digitalized operation and underpin future growth.

Infor WMS version 11.4.1 was selected based on its ability to deliver entirely paperless picking and packing methods to boost productivity, and capture all data, both inbound and outbound, to instill visibility and expedite decision-making and customer service. Put-away strategy, cluster picking, labels, catch data, wave processing and billing functionality were also key to the upgrade. Delivered entirely remotely as a result of COVID restrictions, the project was managed by SNS with integration supported by the AlMalki Group team following go-live.

"Luxury brands demand the very highest standards across the entire customer experience, and it's imperative that we not only adhere to such standards, but that we do so in the most efficient way possible in line with our ambitious growth plans," said Khaled EIDamouri, AlMalki supply chain and logistics director. "With more than 105 brands, we operate high numbers of SKUs, and as such, require seamless warehouse processes and technology from which to maximise efficiency, space utilization & order reliability.

Mario Ghosn, SNS general manager, noted, "Warehouse efficiency, reliability and capacity are the cornerstones of any distributor operating today and, in the field of luxury goods, consistency and the very highest service standards are paramount. We're delighted to be working with AlMalki Group, delivering the best warehouse platform via Infor WMS, and helping the group to embrace growing e-commerce demand in the coming years across the region."

# FedEx bullish over air cargo's future



FedEx Express is expanding further its global presence through the UAE and KSA taking advantage of their ideal geographic location connecting continents easily. The world's largest express transportation company moved nearly 110 kilotons of PPE and other healthcare supplies, including more than 2.5 billion masks, between January 2020 and September 2021.

By Gemma Q. Casas

**F**edEx is a global name synonymous to speed delivery across the world. With a fleet of more than 680 planes, 350 of which are jet aircraft dedicated to cargo, FedEx is the world's largest all-cargo airline.

In the face of the pandemic, the company and the 560,000 people behind its operations worldwide committed themselves to ensuring that lifesaving medical and healthcare supplies, as well as other basic essentials, are safely transported even to the farthest shores on the planet to help fight humanity's biggest health crisis.

Jack Muhs, Regional President of FedEx Express Middle East, Indian Subcontinent and Africa, told Air Cargo Update that FedEx Express, a subsidiary of FedEx Corp. (NYSE: FDX) and the world's largest express transportation company, moved nearly 110 kilotons of PPE and other healthcare supplies, including more than 2.5 billion masks, between January 2020 and September 2021.

When the pandemic struck in 2020, FedEx immediately mobilized Project Airbridge, a public-private partnership managed by the US federal government to ensure the expedited shipping of personal protective equipment and other supplies critical to COVID-19 relief efforts across America to protect people against the virus. Across the 50 states in America, FedEx employs more than 375,000, representing a 9.4 percent increase in employment in 2020 while many sectors cut jobs.

And in the Middle East, FedEx is also busy keeping essential medical supplies and other goods moving from one point to another, regionally and internationally.

When India was struggling to fight its worst bout with the COVID-19 pandemic early this year, FedEx supported the transportation of more than 25,000 oxygen concentrators and converters through an initiative with the US-India Strategic Partnership Forum and other multinational companies, apart from hundreds of tons of medical supplies and aid.

The airline even donated a FedEx Boeing 777F charter flight to move more than 3,400 oxygen concentrators, converters and nearly 265,000 KN95 masks for Direct Relief from Newark, New Jersey to Mumbai, India.

In great appreciation of FedEx's essential employees' resolve to work despite the threat of the pandemic, Muhs shared the company gave them a bonus in January 2021.

"Every one of our workers that helped deliver packages, when everything's on lockdown, still go to work. So, in appreciation of their efforts each one of them got a bonus. As they say, not all heroes wear a cape," said Muhs on the sidelines of Dubai Airshow 2021.

### Positive Market Outlook

FedEx Express has its hub in the Middle East in Dubai, established since 1989. Last month, the company signed an agreement with Dubai South to build its new regional hub for the Middle East, Indian Subcontinent and Africa (MEISA) region at the Logistics District to meet a growing surge on air cargo services demand.

Located in proximity to Dubai World Central Airport (DWC), the new FedEx Express regional hub at Dubai South will incorporate state-of-the-art technologies to support the company's regional and global networks and increase operational efficiencies to meet growing trade demands within the MEISA region.

"Dubai is like the air silk of the world that connects Asia and Europe and Europe to Asia. We have flights from Europe. We have flights out of North America. We have nonstop flights from Memphis, Tennessee. We have flights from Asia. And now we have flights from Africa. And so, the need for a larger hub to support that growing network is obviously very important for us," said Muhs noting that Dubai is a strategic location in converging FedEx flights from all over the world. "Dubai continues to be the heart of our regional operations."

From Dubai, FedEx Express also serves India, a huge emerging global market for air cargo and logistics, as well as Africa, a



continent where many countries have the world's youngest population.

FedEx Express' new regional hub in Dubai will be developed with sustainable operations and energy use in mind and will enhance the overall customer experience with an automated and advanced sorting system, hi-speed security screening equipment, cold-chain services, and capabilities to manage dangerous goods. It will also provide businesses and customers quick access to more countries around the world.

### Expansion to KSA

FedEx Express is also expanding its presence in the Kingdom of Saudi Arabia to meet the country's growing international shopping demands and its goal to diversify its oil-based economy.

**Muhs said FedEx Express will invest more than SAR 1.5 billion (US \$400 million) into the Saudi economy over the next 10 years through talent management and local operations and infrastructure. This investment will reaffirm the company's commitment to the country's non-oil economic growth, in line with Saudi Arabia's Vision 2030 goals, and the 'National Industrial Development and Logistics Program' which seeks to increase non-oil exports to more than SAR 1 trillion (approximately US \$266 billion).**

FedEx Express has been facilitating trade in Saudi Arabia since 1994, offering international solutions and connectivity through local service providers, most recently through SAB Express. Its recent announcement and the company's direct presence in



the country are seen to further help local businesses trade with ease and expand their reach into the more than 220 countries and territories that FedEx serves.

"In addition to our commitment to the Saudi economy, we see FedEx Express playing an important role in developing the small and medium enterprise environment in Saudi Arabia, which forms the backbone of the economy, and represents 99% of Saudi Arabia's private sector," said Muhs.

### Great tasks ahead

While continuing to deliver vital lifesaving medical and healthcare supplies, the air cargo industry is also in high demand distributing COVID-19 vaccines and facilitating global trade as businesses and economies work doubly hard to recover from the devastating impact of the pandemic.

And in today's digital world where online purchases are becoming the new normal, air cargo's fast and efficient delivery services have become a critical component of the global e-commerce industry.

**"Let's put the vaccines in perspective first. There's no doubt that the movement of the vaccine ingredients, PPE and all those things, are some of the most important things that we have transported. I do not want to minimize that. We do a lot. We have 350 dedicated jet aircraft that do nothing but cargo and another 330 turboprop-engine aircraft that feeder into smaller cities. Those are obviously huge opportunities for us to continue to grow. We handle about 15.5 million packages per day, globally," said Muhs.**



The FedEx Express top executive said the pandemic essentially made us realize that air cargo is an essential partner in today's more globalized world.

"I think what you saw during the pandemic is the importance of air cargo to keep economies going. Yes, we move a lot of vaccines, PPE (personal protective equipment), we were very excited about helping (the world) recover. We also do a lot of e-commerce. We also moved a lot of goods to help communities keep up.

People started shopping from home. Businesses needed parts move. There are so many things going on," said Muhs.

"Roughly 40-50 % of freight, pre-covid, moved in the bellies of passenger flights. And when those capacity were pulled down, it's companies like FedEx that kept those stuff moving. So, I'm very bullish on air cargo. I think what the pandemic showed is the incredible value of having a freight network in today's economy to keep things moving," he added.

# FedEx®

## Where now meets next

# Jack Muhs:

## From intern to Regional President of FedEx Express MEISA

James R. (Jack) Muhs is the regional president of the Middle East, Indian Subcontinent and Africa (MEISA) region for FedEx Express based in Dubai.

**The affable but results-driven Muhs who leads more than 9,000 FedEx Express and TNT team members, and responsible for providing the strategic direction for the region, shared he began his career at the world's largest all-cargo airline as an intern while getting his college degree from the University of North Dakota.**



**Jack Muhs**  
Regional President  
FedEx Express MEISA

From being an intern, Muhs became an employee working full-time loading planes and driving vans. With FedEx's strong hire from within policy, which means current employees are given the chance to be promoted to key management positions, Muhs climbed up the corporate ladder.

"I started as an intern," Muhs recalled. "I worked full-time loading airplanes. Driving vans and that's a really big advantage to me because I learned a lot from the ground up."

Prior to his appointment in MEISA, Muhs served as President and CEO of FedEx Trade Networks, which specializes in air and ocean freight forwarding, customs brokerage and international trade facilitation solutions.

He also previously served as senior vice president of U.S. international, global planning, engineering, and trade services for FedEx Express, where he was responsible for the company's U.S. export business, as well as the planning and engineering of the FedEx Express global network.

Since joining FedEx in 1984, Muhs has served as managing director of global operations control. Following that appointment, he became vice president of global network planning and operations control in 1998.

He is a four-time recipient of the FedEx Five Star Award, the company's highest award for individual leadership and contribution.

Muhs holds a BBA from the University of North Dakota and an MBA from the University of Memphis. He currently serves as chairman of the North American Leaders Group of the U.S. Chamber of Commerce, and is on the Global Board of Directors of U.S.-India Business Council (USIBC) of the U.S. Chamber of Commerce.



# Dubai Airshow 2021

## marks major turning point in recovery and growth of international aviation and aerospace industries



**A**fter a year of postponement, Dubai Airshow returned this year as the largest aviation and aerospace global event to be held since the onset of the pandemic, more powerful, dynamic and bigger than ever with over 104,000 attendees and an incredible USD78 billion worth of deals made during the five-day event (14-18 November 2021).

Organizers said this was the event's biggest edition since its launch in 1989, marking a turning point in the international aviation and aerospace's industries recovery and growth efforts.

The mega event welcomed more than 104,000 attendees and witnessed a 50% increase in trade visitors which included global senior executives from 148 countries. It was also a significant milestone for the defence and space sectors which saw a range of deals and agreements declared.

Some of the notable deals which took place during the event included Airbus which announced orders and commitments totaling 408 aircraft (269 firm orders and 139 commitments). The agreements covered the full range of commercial aircraft families, including a first commitment for the A350F freighter derivative. Airbus launched its latest global market forecast outlining progressively shifting demand from fleet growth to accelerated retirement of older, less fuel-efficient aircraft resulting in a need for some 39,000 new-build passenger and freighter aircraft. Of these, 15,250 aircraft (around 40%) are for replacements.

On the opening day of the show alone, Indigo Partners portfolio airlines placed a firm order for 255 A321neo Family aircraft, including 29 XLR. This included Wizz Air ordering 102 aircraft (75 A321neo + 27 A321XLR); Frontier 91 aircraft (A321neo); Volaris 39 aircraft (A321neo) and JetSMART 23 aircraft (21 A321neo + 2 A321XLR).

Boeing announced an order of 72 of its 737 Max from new Indian airline Akasa Air. It also announced orders for 11 of its 737-800BCF cargo planes from aircraft leasing company Icelase, nine converted 767-300BCF freighters from DHL, and orders for two of its long-range 777F freighters from Emirates SkyCargo. Boeing received four

orders of passenger planes and freighters from Air Tanzania and three of its widebody 777-300 passenger jets from UAE-based aviation services provider Sky One FZE.

**The UAE's Ministry of Defence signed AED 22.5 billion worth of contracts with European, American and Asian contractors and suppliers at the Airshow. The UAE Air Force and Air Defence (Afad) on the first day awarded a contract worth Dh11 billion to Abu Dhabi-based advanced technology firm Edge Group's subsidiary GAL for the maintenance, repair and overhaul (MRO), and specialised support services for the UAE Airforce and Air Defence.**

Tawazun Economic Council (Tawazun) and Airbus signed a Memorandum of Understanding (MoU) under which the latter will establish a wholly-owned facility in Abu Dhabi. The formation of the subsidiary is part of Tawazun's efforts to attract and promote long-term partnerships with major companies in the defence, aviation and aerospace sector. Tawazun also signed a Euro 216.9 million deal with Aeroter to purchase 100 VRT500 helicopters.

**MBRSC signs MoU with Volga-Dnepr Group to provide logistics services, air cargo solutions for UAE satellite program**

The Mohammed Bin Rashid Space Centre (MBRSC) has signed a MoU with Volga-Dnepr Group, a Russian airline holding company, to provide logistics services and air cargo solutions for the UAE satellite programme during the five-day Dubai Airshow.

Headquartered in Moscow, Volga-Dnepr is a world leader in the global market for the movement of oversize, unique and heavy air cargo. Its core business activities are charter cargo operations using Antonov An-124 and IL-76TD-90VD heavy transporters and scheduled cargo operations using Boeing 747 and Boeing 737 freighters.

The deal was signed by Salem AlMarri, Deputy Director General, MBRSC and Artemiy Ivanovskiy, General Manager, Volga-Dnepr



**His Highness Sheikh Mohamed bin Zayed Al Nahyan, Crown Prince of Abu Dhabi and Deputy Supreme Commander of the UAE Armed Forces, on a tour at Dubai Airshow 2021. DAS Photo**



**His Highness Sheikh Mohammed bin Rashid Al Maktoum, Vice President and Prime Minister of UAE and Ruler of Dubai, with H.H. Sheikh Hamdan bin Mohammed bin Rashid Al Maktoum, Crown Prince of Dubai, during a tour at Dubai Airshow 2021. DAS Photo.**

Group, Dubai Office in the presence of Yousuf Hamad AlShaibani, Director General, MBRSC at the Dubai Airshow 2021.

Founded in 2006, MBRSC is home to the UAE National Space Program. The Centre builds and operates earth observation satellites, offering imaging and data analysis services.

Dubai Airshow and the UAE Space Agency signed a MoU on the second day of the event. The two parties will collaborate to further position Dubai Airshow as a key platform for companies and investors in the space sector.

The partnership will support organizations looking to establish a presence at future editions of the event and will enable space companies to benefit from the participation, engagements, networking and agreements created at Dubai Airshow. The agreement will deliver an increased focus on the space industry for future editions of the event highlighting the continued growth and development of the international space sector.



## A gathering of force

Timothy Hawes, Managing Director at Tarsus Middle East, organisers of Dubai Airshow 2021 said: "It has been a truly incredible Dubai Airshow. The event has been a real testament to the resilience, robustness and adaptability of the aviation and aerospace industries to come back with such strength after the pandemic. We have seen an industry transition with significant levels of innovation, technological advancement and digital transformation right across the show with many exhibitors displaying brand new solutions.

"There have also been greater commitments towards sustainability and decarbonisation, which is of critical importance across the globe. The attendance levels of global senior executives from across the industries has also never been higher than this year.

"We thank the UAE leadership for their continuous support, trust and guidance in helping make this the biggest ever event of its kind. USD 78 billion worth of deals truly shows that the industry has an exciting and prosperous future with partnerships and collaboration at its heart. Dubai Airshow is today recognized as a world-class platform that shapes the future of the aerospace sector and we thank everyone involved for helping to make the 2021 edition a truly pivotal moment and a resounding success."

The Dubai Airshow is held under the patronage of His Highness Sheikh Mohammed Bin Rashid Al Maktoum. The next edition will take place in 2023 at Dubai World Central (DWC), Al Maktoum airport.



## DAS 2021 AT A GLANCE IN NUMBERS

- Over USD 78 billion worth of deals secured or announced
- 387 civil and military delegations attended the event
- 148 countries were represented during the Airshow
- 371 new exhibitors and more than 80 start-ups were present
- 175 aircraft were on display including a number of international debuts
- Airlines operating in the Middle East region will require 3,020 new passenger and freight aircraft deliveries by 2040, according to the 2021 Airbus Global Market Forecast (GMF)



# ***Innovators and ideators transform the Aviation industry at Asia's largest aerospace and defence show***

Leverage Singapore Airshow to showcase game-changing innovation to aviation's finest. Gain access to top decision makers and forge strategic partnerships that will propel the aviation and defence industry to new levels.

**Be a part of the transformation. Book your exhibition space now!**

**Connect with us today at [sales2022@singaporeairshow.com](mailto:sales2022@singaporeairshow.com)**



Organised by:



Strategic and Knowledge Partner:



Official Media Partners:



Made Possible in:



**SINGAPORE  
AIRSHOW  
2022** 15-20 Feb



# CAMPUS GERMANY: Lessons in sustainability

At the ongoing Expo 2020 Dubai, UAE, the first world expo held in the Middle East and North Africa region, Germany highlights the many possibilities on how technologies and innovative ideas can sustain the planet and its inhabitants.



Planet earth is home to over 7.9 billion people. In less than 30 years, about 70% of them will live in cities and experts say a network of sustainable infrastructure and services would be needed to sustain their needs.

This much people would need reliable supplies for green energy, clean water and environment, food, sustainable housing, education, transportation, sources of livelihood, safe public spaces, healthcare, among many other things.

The forward-thinking Germany is bringing once again innovative and creative ideas on how this challenging scenario can be addressed by combining our natural resources with science, engineering smart technologies and human ingenuity.

At the ongoing Expo 2020 Dubai, UAE, the first world expo held in the Middle East and North Africa region, Germany highlights the many possibilities on how technologies and innovative ideas can sustain the planet and its inhabitants.

**Unlocking the possibilities on this issue is the German Pavilion's "CAMPUS GERMANY" located in the Expo's Sustainability District. The Pavilion showcases 36 innovative and creative exhibits linked to the subject of sustainability, grouped in "labs" dedicated to the topics of energy, cities of the future and biodiversity.**

Dietmar Schmitz, the Commissioner General of the German Pavilion, explained EXPO 2020 is unique because it thrives on common goals to sustain the planet while protecting people.

"I think it's very important to protect our environment. This was the reason why we decided to exhibit at the Sustainability District," said Schmitz, a veteran of six world expos. "This is a very accomplished exhibition and we're greatly impressed with the pavilion as a whole. We're very happy with the curated content on the topic of sustainability."

"Our CAMPUS GERMANY is based on the principle of sharing knowledge and ideas – because only together will we be able to change our future for the better. To this end, our agency facts and fiction has created an immersive experience for people young and old, no matter where they come from or what language they speak," he added.

He praised the UAE government for uniting countries in this mega event despite the pandemic, sending a glimmer of hope that the future

"The pandemic is a special situation. But on the other hand, every Expo organizer is like organizing it for the first time. We got it all (the pandemic). Here in Dubai, they want to do everything right. I think they did it in a very good way. They have a lot of expats from different countries and this helps very much," the German Commissioner said.

"All countries are working together for this Expo. My message to the public is come to the Expo. Look at the different pavilions



**"I think it's very important to protect our environment. This was the reason why we decided to exhibit at the Sustainability District," said Schmitz, a veteran of six world expos. "This is a very accomplished exhibition and we're greatly impressed with the pavilion as a whole. We're very happy with the curated content on the topic of sustainability."**

**Dietmar Schmitz,**  
Commissioner General of the German Pavilion,

and their topics, learn and take something from it so we can create a better world," he added.

### **Three-themed Areas**

The German Pavilion's three themed areas will house an array of fascinating exhibits designed to encourage interaction and raise awareness of how important sustainability is both for today and tomorrow.

Ernst Peter Fischer, Ambassador of the Federal Republic of Germany to the United Arab Emirates, said the three core parts of CAMPUS GERMANY include energy transition, city of the future and diversity.

"The three core parts of our exhibition are about energy transition, city of the future and biodiversity. We want to show our German contribution to addressing these most pressing challenges for humanity. We don't want to show-off or sell anything. That's not what Expo is about.

We truly believe in Expo 2020 Dubai's great theme: "Connecting Minds, Creating the Future". And: Having a fun time while doing that. The theme is great because it describes what the world needs to do. Right now. With urgency...," the ambassador said.

### **Energy Lab und Energy Terrace: Generation, transmission and storage of electricity**

Visitors to this lab will be able to learn all about the sustainable generation of electricity, loss-free transmission and alternative forms of storage.

One exhibit, provided by start-up Enerkite, takes a new approach to wind energy with kite-based systems that offer a considerably more efficient means of generation than traditional wind power facilities. Another, supplied by Heliatek, relies on energy produced by the sun. It is an ultra-light, flexible, ultra-thin, organic solar film that can be used for completely new applications beyond the capabilities of conventional solar technology.



In 1987, two German physicists received the Nobel Prize for their development of a ceramic material that conducts electricity loss-free at a temperature of  $-206^{\circ}\text{C}$ . E.ON's AmpaCity exhibit develops their idea further and shows how it can work in practice, paving the way for a technology that is set to play a key role in transmission in tomorrow's energy grids.

Another exhibit, supplied by Munich City Council in collaboration with the federal state of Bavaria, focuses on the sustainable utilization of geothermal technology, which can be used to generate electricity and heat. Munich's medium-term goal is to meet its district heating needs primarily from this renewable source and to make its district heating 100% carbon-neutral.

Another exhibit is about limestone – a cost-effective material that offers an excellent means of storing renewable energies in a particularly sustainable and efficient manner. Researchers at the German Aerospace Center (DLR), which has provided the exhibit, have found a way of making the more than  $600^{\circ}\text{C}$  reaction temperature manageable.

The exhibition will also feature the StenSea – "Stored Energy in the Sea" project, which is being conducted by the Fraunhofer Institute for Energy Economics and Energy System Technology. Using a model, the exhibit will demonstrate how offshore pumped storage stations in the sea work and how, particularly if installed along the coastlines of Europe, Japan and the US, they could supply as much as 1,000 times today's land-based pumped storage capacity.

### ***Future City Lab and Future City Terrace: Life in tomorrow's cities***

In the Future City Lab and on the Future City Terrace, things will move to the beat of tomorrow's cities in an exhibition covering a wide range of ideas, from food supply to mobility.

With its partner SSI SCHAEFER, INFARM presents a future-proof, smart, modular farm where everything grows in perfect conditions – with 95% less water, 90% less mileage, 95% less land and zero chemical pesticides.

Two other exhibits are about energy and fresh-water supply. The first shows a dye-sensitized concrete material, which researchers from the "Building Art Invention" platform at the University of Kassel use as a photovoltaic cell. By applying a solar-active, organic liquid, such as fruit juice, their invention can turn any building into a solar power facility.

The other demonstrates that traces of medicines, viruses or chemicals remain in purified water despite state-of-the-art technology and large amounts of energy being used in the water treatment process. It will present a process developed by the Technical University of Munich and Berliner Wasserbetriebe (Berlin water utility), which harnesses the power of natural bacteria to reduce these residual pollutants in a targeted and efficient manner.

Two further exhibits in the Pavilion cover mobility from two very different angles. TK Elevator's "MULTI" reinvents the elevator as an urban transport system. Horizontal transport, vertical transport far higher than currently possible, significantly better utilization of valuable building space and a smart control system mean MULTI will revolutionize how the buildings and cities of the future are planned.

In addition, the 7-Seater Lilium Jet showcases the vision to create a sustainable and accessible high-speed, regional transportation service. The electric vertical take-off and landing jet by Lilium offers industry-leading capacity, low noise and high performance.

Another exhibit helps to make use of carbon dioxide and thus to promote a circular economy. It will present a process developed by Covestro and their partners, which enables as much as 20% of the crude oil used in plastic production to be replaced by securely bound carbon dioxide. In addition to videos and displays explaining exhibits, attractions at the German Pavilion will include computer games, one of which allows visitors to try their hand at filtering out bacteria from waste water.

### ***Biodiversity Lab and Biodiversity Terrace: Unravelling the mysteries of our planet***

The Biodiversity Lab and Biodiversity Terrace will give visitors a first-hand experience of Earth's riches. As well as revealing some of nature's wonders, these two areas will show how nature actually inspires technological innovations.

Of an estimated 10 million species on our planet, only 2 million have actually been described. The Taxamap, the work of Dr Marin Freiberg from iDiv and Leipzig University, shows all terrestrial species currently known.

It is a map of diversity - diversity that we need to protect. This is also the focus of BASF Agricultural Solutions' interactive game on biodiversity in agriculture. The loss of natural habitats is one cause of global biodiversity decline and this exhibit shows solutions for modern sustainable agriculture that makes intelligent use of land. In turn, this allows for the most resource-efficient yield without devoting more land to farming. The result is better protection for biodiversity without major decreases in yield.

### **Another exhibit examines the challenges facing agriculture around the world as a result of climate change. It shows how the Institute of Bio- and Geosciences (IBG-2) at the Forschungszentrum Jülich research center applies state-of -the-art processes to explore, for example, the properties plants will need in the future to cope with increasingly extreme environmental conditions.**

UGT's "EcoUnits" will also be on show, illustrating those ecosystems – highly complex structures – can be investigated under laboratory conditions. And another exhibit, supplied by iDiv, will demonstrate the disastrous impact of European earthworms on North America's ecosystems.

Asia's largest event on Civil Aviation  
(Commercial, General and Business Aviation)



24<sup>th</sup> - 27<sup>th</sup> March 2022  
Begumpet Airport, Sardar Patel Road, Hyderabad, India



## Exhibitor Profile

- ✈ AIRCRAFT & HELICOPTER MANUFACTURERS
- ✈ AIRCRAFT MACHINERY & EQUIPMENT COMPANIES
- ✈ AIRCRAFT INTERIORS
- ✈ AIRLINES, AIRLINE SERVICES & CARGO
- ✈ AIRPORT INFRASTRUCTURE
- ✈ DRONES
- ✈ SKILL DEVELOPMENT
- ✈ SPACE INDUSTRY

## Event Format

-  CEOs FORUM
-  EXHIBITION
-  STATIC DISPLAY
-  GLOBAL AVIATION SUMMIT
-  MEDIA CONFERENCES
-  CHALETS
-  AWARDS
-  AIR SHOW



Supported by



Contact Details

**Nachiket Basole**

M:- +91-9867312834, +91-9833312834  
Email:- nachiket.basole@ficci.com

**Puneet Maithani**

M:- +91-9319440030, Email:- puneet.maithani@ficci.com



# Ford Trucks continues expansion in Europe

The company aims to expand its global growth to 45 countries by the end of 2021 and to 55 countries by the end of 2024.

# American automaker Ford Motor Company continues to expand its global footprint with Ford Trucks specifically targeting to conquer the vast European market in the next few years.

After the successful selection of distributors in Portugal, Spain, Italy, Belgium, Luxembourg and Germany, the company has set its eyes in the strategically important French market.

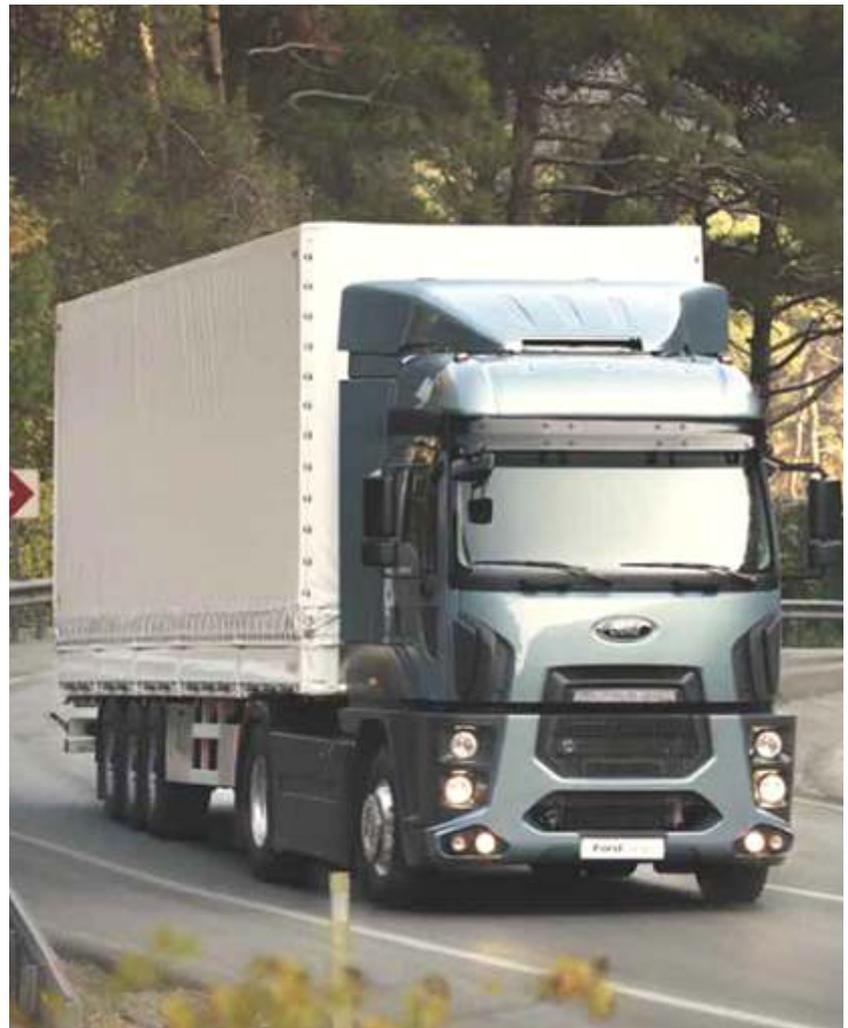
Ford Trucks plans to be present at 25 points by 2022 in France, which has a key position in Europe as a strategic market. During the launch, Ford Trucks delivered 60 of its 'IToy - International Truck of the Year' award-winning vehicles to the Combronde Groupe, one of France's most important logistics fleets.

F-Trucks France, appointed distributor of Ford Trucks, is a joint venture with Groupe Maurin, Groupe DMD and Groupe Amplitude, which are among the most well-established names in the French automotive industry, and it has been formed to establish Ford Trucks' presence in the country.

## Haydar Yenigün: "France will play a key role in our European growth strategy."

At Solutrans 2021, Ford Otosan General Manager, Haydar Yenigün, described how proud the company is to be moving into Europe's second largest heavy-duty trucks market after Germany:

"Through our engineering expertise and superior R&D, we now produce trucks and operate in over 40 countries worldwide. Winner of the 2019 International Truck of the Year (IToy) award, the F-MAX continues to be one of the most important symbols of our production



power, engineering capabilities, design, technology, and vehicle development skills.

"After receiving the IToy award, we accelerated our growth plans as a result of the high demand for the F-MAX from Europe. To meet this demand, we've established a presence in Italy, Belgium and Luxembourg, as well as the Polish, Lithuanian, Portuguese and Spanish markets. In recent weeks, we stepped into Germany, Europe's largest heavy-duty trucks market. Now, we are proud to partner with our distributor F-Trucks France to move into the French market which is Europe's second largest heavy-duty trucks market and France will play a key role in Ford Trucks' growth plans."

Ford Trucks' goal is to expand to 55 countries by end-2024

Ford Trucks, manufactures and develops vehicles for more than 40 countries around the globe. Its international growth shows no signs of slowing, despite the pandemic. Ford Trucks aims to achieve permanent growth across the whole of Europe and plans to expand its global operations to 55 countries in the next 3 years.

After receiving the 2019 International Truck of the Year (IToy) award, Ford Trucks has brought forward its growth plans with the high demand from Europe for the F-MAX. After establishing its presence in Poland, Lithuania, Portugal, Spain and Italy in 2019, it is now also able to serve demand in Belgium, Luxembourg and Germany.



## FORD TRUCKS HAS SOLD 1000 VEHICLES IN ROMANIA IN TWO YEARS!

Romania has become one of the most important markets in Eastern Europe for Ford Trucks with 1,000 vehicles sold in just two years.

To celebrate the delivery of the 1,000th vehicle, a ceremony was arranged at the offices of Cefin Trucks, the local distributor in Bucharest, the company shared.

During the ceremony, Ford Trucks International Markets Director Emrah Duman outlined Ford Trucks' progress during the past two years. "In only two years in Romania, we've reached 8% market share in the heavy vehicle sector. We're the market leader in the construction sector, with a 27% market share, as well as being in second place in the road trucks sector with 24% of the market share."

Ford Trucks has used its more than 60 years of engineering experience to

emerge at the forefront of global competition in the heavy commercial vehicles sector. The company first entered the Romanian market in May 2017.

**"As an EU member with a quickly developing economy, new construction projects, and state investments, Romania is in a position of focus for us. With new construction projects and state investments, Romania is in a position of focus for us," said Duman.**

"At Ford Trucks, we're very happy that we've been able to deliver 1000 trucks in such a short time. This success in Romania is due to our partnership with our distributor Cefin Trucks, the quality of our products and their suitability for the European market, our excellent engineering talent, the power of our research and development departments, and our technology."

Ford Trucks' F-MAX truck, winner of the 2019 International Truck of the Year award, plays a very important role in the company's success in Romania.

"We've now completed our infrastructure in all of Romania's big cities. At 12 locations, we provide sales, after sales service, and spare parts. By the end of this year, we'll have 14 locations. The result of all this hard work is that, at the end of 2 short years, we've reached 8% of Romania's market share for heavy commercial vehicles," said Duman.

# SAUDIA enhances fleet with suite of Boeing services



## Airline's upcoming Airbus fleet to be equipped with GX Aviation high-speed inflight broadband solution

**DUBAI, UAE:** SAUDIA, the Kingdom of Saudi Arabia's national airline, has signed an agreement with Boeing for a suite of services to improve its 787 Dreamliner and 777 fleets' operational efficiency through digital analytics as well as to modify the airline's 777 cabin interiors.

"As ever, SAUDIA is continuously focused on operational efficiency, optimal fleet utilization, and deployment," said Captain Ibrahim S. Koshy, CEO, SAUDIA. "We see our continued alliance with Boeing and these essential services as an enabler that will help to drive our progress toward this vision."

SAUDIA will utilize Boeing's Optimized Maintenance Program (OMP), which uses advanced data analytics to provide detailed insights for improved maintenance operations, and Boeing's Airplane Health Management (AHM) digital solution, which applies predictive maintenance analytics and diagnostic tools to help improve the quality and speed of maintenance decisions, resulting in improved on-time performance. These services will be combined with Boeing's OEM engineering and consulting expertise.

"Our Boeing consulting teams have partnered closely with SAUDIA for many years to find new opportunities to reduce costs and enhance operational efficiency. We are delighted to continue this partnership by applying our advanced digital solutions," said Ted Colbert, president and CEO, Boeing Global Services. "Similarly, SAUDIA will be able to rely on our 777 interiors engineering expertise throughout the course of their fleet reconfiguration plans."

Boeing's interior modification team will partner with SAUDIA to deliver all aspects of their 777 modification, including design, certification, and the supply of parts required for completion.

### Airbus fleet with high-speed WiFi

In a separate agreement, SAUDIA made a deal with Inmarsat to equip its upcoming fleet of 35 Airbus A321neo and Airbus A321XLR aircraft with the award-winning GX Aviation high-speed inflight broadband solution.

Inmarsat, the world leader in global mobile satellite communications will use an ultra-high-performance terminal by GDC Advanced Technology, an industry leader in engineering and technical services, modifications and electronic systems, for the project.

As the first major inflight connectivity agreement in the Middle East since the Covid-19 pandemic began, SAUDIA will be GX Aviation's launch customer in Saudi Arabia. In addition, it has become the first airline in the Middle East to select Inmarsat's revolutionary new OneFi customer experience platform and the first in the world to select GX Aviation's next-generation terminal, developed with GDC

Advanced Technology.

The terminal provides enhanced customer flexibility and is future proofed to meet the demands of planned and new constellations.



**The selection enables SAUDIA to provide a world-class digital experience for passengers onboard 20 Airbus A321neo and 15 Airbus A321XLR. The airline's first installation of GX Aviation is expected in late 2022 and once the service is live, passengers will be able to seamlessly browse the internet, stream videos, check social media, shop online and more during flights using their own personal devices.**

Inmarsat's OneFi platform will serve as a catalyst for SAUDIA to monetise its inflight connectivity by bringing a host of onboard services together within a single portal interface. The solution, which launched two months ago in September 2021, allows passengers to order food, beverages and duty free items, enjoy e-books, newspapers and magazines, receive the latest information for their flight and destination, and sign into SAUDIA's AlFursan frequent flyer program, all in real-time from the comfort of their seat.



## Qatar Airways kicks off FIFA Arab Cup Qatar 2021 ahead of FIFA World Cup Qatar 2022

World Cup, and will sponsor the FIFA World Cup Qatar 2022. Qatar Airways also sponsors some of the world's biggest football clubs including Al Sadd SC, Boca Juniors, FC Bayern München, K.A.S. Eupen, and Paris Saint-Germain.

In support of the event, Qatar Airways Holidays has launched a range of travel packages for the inaugural FIFA Arab Cup Qatar 2021™ welcoming global football fans to enjoy the finest Qatari hospitality and cheer their favorite team in person.

“With less than a year to go until the FIFA World Cup Qatar 2022™, this tournament will be the perfect test run for us as Official Airline and Official Partner of FIFA to prepare for the big stage. As this will be the first ever FIFA Arab Cup™, Qatar will showcase the best of pan-Arab football. We want to provide a seamless primary touchpoint for fans, players, coaching staff and officials during their journey and stay here so that they can enjoy the best tournament possible,” said Qatar Airways Group Chief Executive Akbar Al Baker.

In addition to the exciting travel packages available, enthusiasts attending the FIFA Arab Cup Qatar 2021™ will be able to play virtual football and enjoy a host of other action-packed games when they visit the Qatar Airways pavilion located at the Al Bayt Stadium's public arena, which is set to contest the opening and final matches of the tournament.

The national carrier of the State of Qatar continues to rebuild its network, which currently stands at over 140 destinations. With more frequencies being added to key hubs, Qatar Airways offers unrivalled connectivity to passengers, making it easy for them to connect to a destination of their choice.

**DOHA, Qatar:** With 16 participating nations, the first ever FIFA Arab Cup kicked off in Qatar (30 November to 18 December) with Qatar Airways as the Official Airline Partner of the tournament.

The qualifying countries have been drawn in four groups: Group A: Qatar, Iraq, Oman and Bahrain; Group B: Tunisia, UAE, Syria and Mauritania; Group C: Morocco, Saudi Arabia, Jordan and Palestine and Group D: Algeria, Egypt, Lebanon and Sudan.

Most recently, the airline sponsored the 2021 Concacaf Gold Cup and the UEFA Euro 2020, and has an extensive global sports partnership portfolio that includes football-governing bodies such as FIFA, CONCACAF and CONMEBOL.

As FIFA's Official Partner, Qatar Airways has sponsored mega events including the 2019 and 2020 editions of the FIFA Club

## Specialized in ground support equipment & all types of steel works, repair & refurbishment of used equipment



**KNN INTERNATIONAL SERVICES FZC**

P.O. Box: 9509, SAIF Zone, Sharjah, United Arab Emirates. Tel: +9716 704 0890

Mob: +971 50 364 8360. E-mail: kshaikh@knn-gse.com, Web: www.knn-gse.com

## Turkish Airlines soaring high for 88 years now

70 years in the Middle East and 40 years in the UAE



"We are delighted to celebrate 40 years in the UAE. This year started on a positive note with the airline industry opening up and we are focusing our energy on enhancing the travel experience especially for the Expo 2020 in Dubai while keeping in mind the airline's hygiene protocols necessary for a safe flying experience. Our team is enforcing a higher level of protection for every stage of the journey that goes above and beyond industry standards," said Emre Ismailoglu, General Manager, Dubai and Northern Emirates, Turkish Airlines.

Hasan Demir, Turkish Airlines General Manager in Abu Dhabi, remarked, "Reaching the 40-year milestone in the UAE is significant to Turkish Airlines. We are confident that the positive outlook of the UAE to normalise the travel industry will be beneficial to everyone and we hope to see more momentum as more travellers come to experience the World Expo. Our team in Abu Dhabi are excited to see an upward trend in our industry and in particular because of the proactiveness of the UAE."

Turkish Airlines flies to 328 destinations worldwide and new cities are added frequently. More flights are seen to be added between Dubai and Istanbul to accommodate increasing demand between the destinations.

**ISTANBUL, Turkey:** Turkish Airlines is celebrating this year its 88th anniversary of flying in the skies, 70 years of which in the Middle East and 40 years in the UAE.

Turkey's national airline celebrated its 40th anniversary of flying to the UAE in synergy with the country's Golden Jubilee celebrations.

**Established in 1933 with a fleet of five aircraft, Turkish Airlines launched its first Middle East flight to Beirut and Cairo in 1951 and the first TK flight landed in Abu Dhabi on 7th January 1981 with the route relaunching again on January 25th, 2006.**

The first flight to Dubai was operated on 05 November 1983, while the Sharjah route was launched on 11 April 2019 with daily flights. Anadolujet operated its first UAE flight on 20 December 2020 by operating daily flights.

Currently, Turkish Airlines operates 28 weekly flights to UAE—21 weekly flights between Istanbul Airport and Dubai Airport; 3 weekly flights between Istanbul Sabiha Gökçen Airport and Dubai Airport, and; 4 weekly flights between Istanbul Airport and Abu Dhabi Airport.



## AIUla International Airport welcomes first direct Int'l flight operated by flynas



**AIUla, Saudi Arabia:** AIUla International Airport recently welcomed its first-ever direct international flight, operated by leading low-cost Saudi airline flynas.

**flynas XY219 departed DXB at 11:30 and touched down in AIUla at 13:40 on Friday 19 November marking the first international passenger flight to the ancient city of AIUla. The aircraft was welcomed at AIUla International Airport with a traditional water cannon salute and a Nabataean cultural performance in the presence of airport officials and media.**

AIUla International Airport Director Abdulwahab Bokhari received the delegation along with government officials and representatives from RCU and flynas, while artists and traditional music performers welcomed the rest of the passengers with flowers and refreshments.

The Arabian desert city has long been an international crossroads of civilizations. The new international flights open the region up further to visitors keen to explore the boutique heritage and cultural destination.

Coined as "the world's largest living museum", AIUla is one of the oldest cities in the Arabian Peninsula and home to Hegra; a UNESCO World Heritage Site. The city has some of the most well-preserved ancient antiquities that dates back for many thousands of years.

AIUla has made headlines around the world in recent months with the visionary masterplan 'Journey Through Time' launched by His Royal Highness the Crown Prince Mohammed bin Salman, Chairman of the Royal Commission for AIUla.

The 'Journey Through Time' plan details the visionary development of a sustainable and authentic visitor destination that will welcome 2 million visitors annually by 2035.

The three-weekly Dubai-AIUla route is timed to coincide with the winter event season which is well underway in Saudi Arabia. AIUla has announced the return of Winter at Tantora (WAT) among three other distinct festivals under the banner of AIUla Moments.

With a packed 2022 events calendar, including musical concerts at Maraya such as Faia Younan on 19 November, renowned singer Lena Shamamian, 10 December and Algerian icon Cheb Khaled, 17 December, the ancient city is set to offer its visitors unparalleled experiences in art, culture, music, nature, wellness, equestrian, gastronomy and astronomy.

Accepting online bookings, a 'mobile lab' has been recently launched for the residents and visitors of AIUla with laboratories and drive-through stations established across the city making the journey for international travelers easier than ever.

## Serco to manage Ras Al Khaimah International Airport Services

**DUBAI/RAS AL KHAIMAH, UAE:** Serco Middle East will manage from February 2022 all technical air traffic services, including aerodrome control and approach control, at the Ras Al Khaimah International Airport, the companies announced.

Located in the emirate of Ras Al Khaimah in the United Arab Emirates, RAK Airport handles an average of 20 flights a day and serves several major destinations, including India, Russia, Ukraine, Pakistan and Bangladesh. It is also an essential training hub for UAE flight training organizations.

Serco Middle East CEO Phil Malem and Engr. Salem Bin Sultan Al Qasimi, Chairman of RAK Department of Civil Aviation, executed the contract for the entities.

The contract mandates Serco to manage and maintain an orderly flow of air traffic and coordinate aircrafts both in air and in relevant areas in the airport and support the airport in interaction and compliance with GCAA regulations.

"Serco has been providing aviation services in the region since 1947. We have helped our customers develop world-class teams of air traffic controllers, continually updating their skills in line with the latest technologies



**Serco Middle East CEO Phil Malem, left, with Engr. Salem Bin Sultan Al Qasimi, Chairman of RAK Department of Civil Aviation, at the signing ceremony.**

and international standards. Our teams consistently exceed critical metrics including capacity growth, runway throughput, safety, program delivery and people development," said Malem.

Chairman Al Qasimi, for his part, said, "This partnership plays to our strengths, and I am confident that our airport team will be able to bring the latest standards, policies, procedures and technologies to transform the airport services with notable advancements."

RAK International Airport CEO Atanasios Titonis noted their team is excited to work with Serco, saying, "As we serve international destinations, it's very important to keep delivering world-class services to our partners and eventually customers. We are happy to have an operationally reliable partner for the growth of the airport and this is basically our main target for the future as well."

## Munich Airport sees 40% more cargo volumes as airfreight flights increases



**MUNICH:** Munich Airport is seeing significant increase on air cargo flights amid the lingering pandemic with air cargo volume dramatically growing by 40% than the pre-Covid level.

In previous years, about 90% of total cargo volume handled at the airport came from the belly of passenger flights. Against the backdrop of the global coronavirus pandemic, however, the relative significance of the different types of air cargo in Munich has shifted considerably.

While there has been a substantial decline in belly cargo due to the lack of long-haul passenger flights to Asia and America, "cargo-only traffic" has increased considerably in the same period.

From January to October 2021, around 55,000 metric tons of cargo in cargo-only aircraft were processed at Munich Airport. This is an increase of nearly 40 percent compared

with 2019, the last year before the crisis. Currently, cargo-only traffic therefore accounts no longer for 10 but for around 45 percent of all cargo volume in Munich.

"The fact that more and more freighters are touching down in Munich is a further proof of the enormous potential that our airport offers as a handling hub for air cargo. In light of the export-oriented economy of southern Germany and its close connections to markets and production sites all over the world, I still see considerable development opportunities for our airport here," said Munich Airport CEO Jost Lammers.

Munich is currently benefiting from regular flights by the Russian cargo airline AirBridgeCargo, which flies between the Bavarian capital and various Asian destinations six times a week with Boeing B747-8F jumbo jets.

The positive development in cargo-only traffic is also being spurred on by a newcomer: As of late, Moldova's Aerotranscargo has been landing a jumbo freighter from Hong Kong in Munich twice a week. The airline is flying this cargo route on behalf of the international logistics service provider DB Schenker.

At the beginning of November, DHL Express doubled its cargo services from five to ten weekly departures. In addition, Kuwait Airways, Thai Airways and Oman Airlines have registered several charter cargo flights in Munich in the next few weeks.

One of the world's largest freighters is also to be seen more frequently in Munich from the end of November to mid-December: The Russian cargo airline Volga-Dnepr Airlines (VDA) is planning a series of Antonov 124 flights via the Bavarian aviation hub in this period.

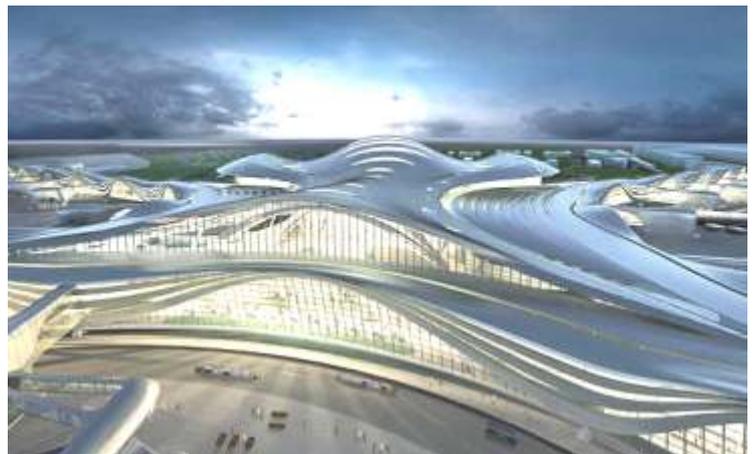
An end of the boom in cargo-only traffic is not currently in sight. On the contrary, further cargo services departing from Munich are being planned for next year. But there will also be more capacity for belly cargo in Munich again in the future. Due to the resumption of numerous long-haul flights to North and Central America, such as to Miami, Vancouver and Mexico, airlines can again carry significantly more cargo across the Atlantic in addition to their passengers.

## Abu Dhabi Airports amplifies voice of Middle East aviation services via new research partnership with Airports Council International

**ABU DHABI, UAE:** Abu Dhabi Airports, the owner and operator of the emirate's five airports, has signed a partnership with Airports Council International Asia-Pacific (ACI Asia-Pacific), the voice of airport operators in the fastest-growing regions of the world, Asia-Pacific and the Middle East, to enhance and promote the interests of Abu Dhabi and the UAE airport management industry across the region.

Working in both Hong Kong, where ACI Asia-Pacific is based, and Abu Dhabi, the project will commence this month and run until the end of March 2022 culminating in a report on the airport industry outlook, identifying trends which will influence the future of airport management in the region, the state news agency WAM reported.

"This partnership with ACI Asia-Pacific comes at a vital time for our industry, allowing us to deliver evidence-based research to shape our future strategy as airports across Abu Dhabi, the UAE, and the wider region rebuild following the disruption caused by COVID-19," said



Shareef Al Hashmi, Chief Executive Officer of Abu Dhabi Airports.

Stefano Baronci, Director General of ACI Asia-Pacific, said the organization welcomes the initiative, saying, "We are delighted to partner with Abu Dhabi Airports on this important research and engagement project. The voice of Abu Dhabi and UAE airports must be heard clearly across the region and globally if our industry is to bounce back swiftly and sustainably from the challenges of the past. ACI Asia-Pacific is proud to be supporting our members across the region in delivering new and innovative research and recommendations for the good of our industry."

Under the Patronage of **H.H. Sheikh Ahmed bin Saeed Al Maktoum**,  
President of Dubai Civil Aviation Authority, Chairman of Dubai Airports, Chairman and Chief Executive of Emirates Airlines and Group

airportshow



# CONNECTING THE GLOBAL AIRPORTS INDUSTRY

17 - 19 MAY 2022 | DWTC, DUBAI

**3 Exhibitions - 5 Conferences - 1 Venue**

Be connected first-hand with the leaders and project managers of major global airport projects

#### Supporters



#### Built by



## Etihad Airways appoints Dr. Nadia Bastaki as Chief of Human Resources



Dr. Nadia Bastaki

**Abu Dhabi, UAE:** Etihad Airways has named Dr. Nadia Bastaki as Chief Human Resources, Organizational Development & Asset Management Officer, becoming the first-ever female chief at the national airline of the United Arab Emirates.

Prior to this role, Dr. Bastaki served as a key member of the human

resources leadership team as Vice President Medical Services since 2014, with responsibility for leading the aeromedical center and ensuring the overall health and wellbeing of employees, as well as driving the diversity and inclusion, and corporate social responsibility programs at Etihad Airways.

Dr. Bastaki joined the national airline in 2007, becoming the first female UAE national to specialize in aviation medicine, and has been a key figure in developing the Etihad Airways Medical Centre into a region-leading aeromedical center.

"Dr Bastaki has played a pivotal role in developing our world-class healthcare system at Etihad Airways and looking after our employees over the past 15 years, and we are delighted to welcome her to her new role," said Tony Douglas, Etihad Group Chief Executive Officer.

"Dr Bastaki's astute leadership throughout the COVID-19 crisis was a defining factor in how successfully we navigated the pandemic. She brings a deep understanding of the industry to the role along with a wealth of executive leadership experience in human resources and medical services, at a time when employee health and wellbeing were never as important."

During the pandemic, Dr Bastaki played a central role in overseeing the airline's health and safety response to the global crisis and directly coordinating with the National Emergency Crisis and Disasters Management Authority, the General Civil Aviation Authority and SEHA.

"I am delighted to take on this new role and look forward to continuing to build a highly-engaging employee experience and inclusive work culture at Etihad Airways. Our people are our most valuable asset and will be the key to our success as we continue to recover from the global health crisis," said Dr. Bastaki who has nearly 20 years of experience as a medical practitioner.

She holds a master's degree in occupational medicine from Manchester University as well as a diploma in aviation medicine from King's College London.



Harald Gloy

## Harald Gloy resigns from Lufthansa Cargo Executive Board

**FRANKFURT, Germany:** Harald Gloy, Chief Operations and Human Resources Officer at Lufthansa Cargo, will leave the Executive Board of Lufthansa Cargo AG on 28 February

2022 for personal reasons and will devote himself to new professional challenges outside the Lufthansa Group.

The 49-year-old industrial engineer has been Chief Operations Officer since January 1, 2019. In his role, Gloy was responsible for handling at the Frankfurt and Munich hubs as well as for Global Handling Management, Flight Operations, and Security. Since March 1, 2021, he has also been responsible for Human Resources on the Executive Board and thus assumed the role of Labor Director.

"Harald Gloy has served more than 20 years and very successfully in various positions, first in the top management of Lufthansa Technik and since 2019 on the Executive Board of Lufthansa Cargo," said Dr. Michael Niggemann, Chairman of the Supervisory Board of Lufthansa Cargo AG and Chief Human Resources Officer of the Lufthansa Group. "With his extensive experience in aviation and logistics as well as in managing large business units, he has continued to lead Lufthansa Cargo towards the future as part of the Executive Board team and contributed to Lufthansa Cargo's current great economic success."

Gloy has driven forward the modernisation of Lufthansa Cargo over the past three years. This includes a comprehensive infrastructure programme, which includes the further development and renovation of the logistics centre at the home hub in Frankfurt.

In addition, Gloy was able to complete the fleet rollover to an all-B777 freighter fleet in Lufthansa Cargo's flight operations, which also fall within his remit. In his remaining term of office, Gloy will implement the introduction of the first A321 freighter for Lufthansa Cargo in cooperation with Lufthansa Cityline.

A decision on Gloy's successor will be made in due course, Lufthansa said.



Stewart Angus

## Stewart Angus is dnata's new regional CEO for Europe

**Dubai, UAE:** dnata, a leading global air and travel services provider, announced the appointment of Stewart Angus as its Regional Chief Executive Officer for Europe, leading dnata's airport operations at 23 airports in 6 countries across the continent, managing 6,300 highly-trained employees.

Stewart, whose appointment took effect on 29 November 2021, will be based in the UK. He will report to David Barker, dnata's Divisional Senior Vice President for Airport Operations.

Stewart has over 20 years of experience in leading high-performing teams in the aviation industry. Most recently he was based in Dubai, UAE, overseeing dnata's airport operations globally for 16 years.

Stewart left dnata in the summer of 2021 to move to the UK for family reasons. Prior to joining dnata, he held various management roles at Emirates Airline and British Airways.

A trusted partner of over 300 airline customers, dnata provides quality and safe ground handling, cargo, catering and travel services in 35 countries. In the financial year 2020-21 dnata's customer-oriented teams handled 290,000 aircraft, moved 2.7 million tons of cargo, and uplifted some 17 million meals.



## Gulf Air appoints Bahrainis in different operational managerial roles

**MANAMA, Bahrain:** Bahrain's national airline, Gulf Air, has appointed nine experienced Bahraini professionals in various operational managerial roles as part of the carrier's commitment to invest on the local workforce.

In an internal ceremony to celebrate this milestone, Gulf Air's Acting CEO Capt. Waleed AlAlawi with

CCO Capt. Suhail Ismaeel and Director Human Resources Jamal AlKuwaiti received the newly appointed staff who will take the lead in significant projects and be accountable for essential operational business units. They congratulated them on their new posts and encouraged them to continue their hard work and commitment towards the national carrier.

### The newly-appointed managers are:

- Mohamed Mubarak Mejalli - Senior Manager Integrated Operations Centre
- Sameer Yousef Ahmed Hasan - Senior Manager Training
- Adel Abdullatif AlKhan - Manager Pilot Training, Boeing
- Ali Adel Albinali - Manager Pilot Training, Airbus
- Hesham Mohammed Mohammed – Manager Fleet, Airbus
- Mohamed Habib AlMansoori - Manager Fuel Optimization & Emissions Reporting
- Muath Ishaq AlKooheji - Manager Advanced Qualification Programme
- Mohamed Abdulaziz Bahram – Technical Pilot, Airbus
- Yousif Ahmed Akbari – Technical Pilot, Boeing

“At Gulf Air we take pride of our experienced Bahraini workforce and we encourage them to elevate their capabilities and take management roles. We trust and believe in our local talents to lead the way for Gulf Air's future and we constantly invest in their training and career development so they continue the airline's legacy and journey of over 70 years,” said Capt. AlAlawi.

Gulf Air is a leader in the Bahrainisation program in the Kingdom, providing opportunities for local and experienced talents to work and build a career on the airline's various businesses.

## France brings 13 major companies to International Astronautical Congress in Dubai

**DUBAI:** At least 13 top French companies held intensive three-day business meetings with engineers and technicians from the UAE Space Agency, the Mohammed Bin Rashid Space Center (MBRSC), the National Space Science and Technology Center (NSSTC) and the Al Yah Satellite Communications Company (Yahsat) at the recently held International Astronautical Congress 2021 in Dubai.

Organised by Business France, the French Space Days was held from October 26 to 28 in partnership with the CNES, the French government agency responsible for shaping and implementing France's space policy, the MBRSC and the International Astronautical Federation (IAF). The three-day event was aimed at strengthening commercial and strategic ties between the United Arab Emirates and France.

After launching the Hope Probe mission in Mars and sending the lunar rover named Rashid to the moon, the UAE clearly demonstrated its huge ability to innovate in the space industry and through the French Space Days program, France says it is willing to develop new way of collaboration through technical contributions, share of expertise and advanced solutions fitting the UAE's vision in the field of space exploration, technologies, and applications.

After celebrating France day at Expo 2020 with an unprecedented duplex between Dubai & the International Space Station currently commanded by Thomas Pesquet, Ambassador of France at Expo 2020 and the first French astronaut in the history to take command of the ISS, the French Space Agency will showcase for two weeks the cutting-



edge technologies that allow astronauts to live in Space and to explore Mars while celebrating the milestones reached thanks to international Space cooperation.



In partnership with



# INTERNATIONAL EXHIBITION OF GENERAL AVIATION

15<sup>th</sup> EDITION

**9, 10, 11 JUNE 2022**

LYON BRON AIRPORT  
LFLY

[www.franceairexpo.com](http://www.franceairexpo.com)

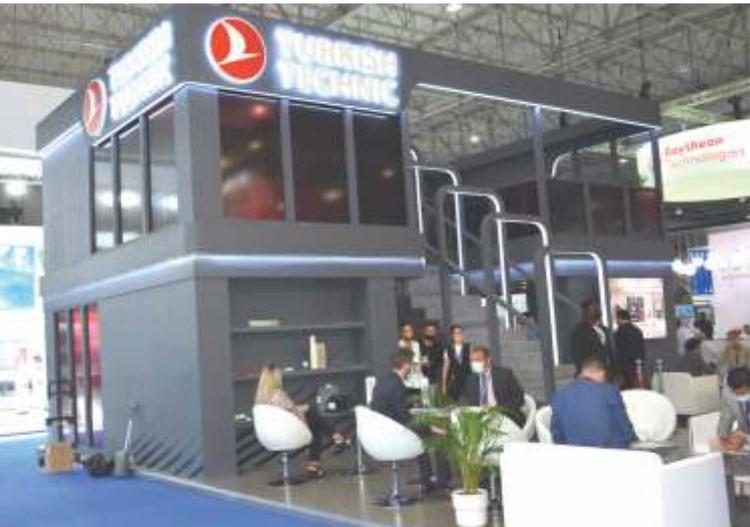


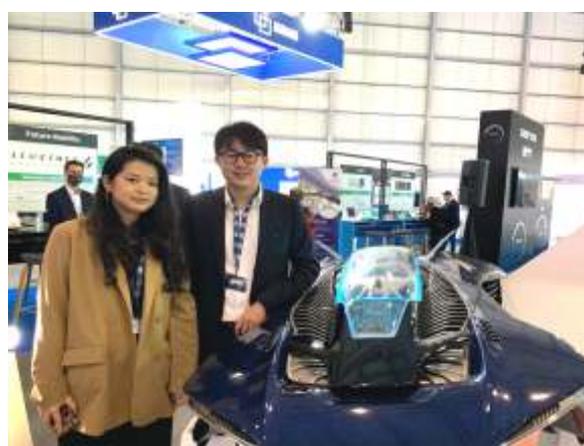
- FLIGHT SCHOOL TRAINING • MANUFACTURERS • FINANCING
- MAINTENANCE • HELICOPTERS • ACCESSORIES • EQUIPMENTS
- INSURANCE • AVIONICS • SERVICES • AIRCRAFT • ULTRALIGHTS • FBO



# Dubai Airshow

14-18 November, 2021  
DWC, Dubai Airshow Site







# Upcoming Events

## Expo 2020 Dubai, UAE

Minds, Creating the Future', Expo 2020 will be the world's most impactful global incubator for new ideas, catalyzing an exchange of new perspectives and inspiring action to deliver real-life solutions to real-world challenges.

Running from 1 October 2021 to 31 March 2022 and coinciding with the 50-year anniversary of the founding of the UAE, Expo 2020 will bring the world together, creating an open, global dialogue that looks to the future. Millions of visitors from across the globe will be invited to join the making of a new world, as they discover life-changing innovations that will have a meaningful, positive impact on both people and planet.

**Ongoing till 31 March 2022**

**Dubai Exhibition Center, Dubai, UAE**



Kazakhstan's artist performing at Expo Dubai 2020

## Breakbulk Middle East

Held under the patronage of the UAE Ministry of Energy and Infrastructure, Breakbulk Middle East (BBME), the region's only dedicated event for the project cargo and breakbulk industry is set to bring industry project service providers together for new project cargo business, covering a series of decisive themes and participation from leading industry experts.

Conveniently located in Dubai, Breakbulk Middle East will attract more than 1700 companies representing the full industrial supply chain from over 70 countries.

**1-2 February 2022 | Dubai World Trade Center**

## Air Cargo India 2022

Messe München India says the 9th edition of Air Cargo India is taking place next year. The show will be focused on Pharma, E-Commerce, Drones and Technology sectors. It will offer three days of immense business opportunities, global perspectives and strong networking platforms for the stakeholders, buyers, and sellers of the air cargo industry.

**22-24 Feb 2022 | Grand Hyatt, Mumbai**

## 2nd Global Airports Aviation Forum

Held in conjunction with MRO ARABIA and MIDDLE EAST GROUND HANDLING, the 2nd Global Airports Aviation Forum is the ideal platform for the Middle East, Africa and South Asia's aviation authorities to connect and collaborate with international industry leaders, experts and stakeholders to create the most advanced aviation facilities in the world.

**9-10 March 2022**

**Riyadh Int'l Convention & Exhibition Center, Riyadh, KSA**

## Messe München's transport logistic & TIACA's air cargo forum come to the US in 2022

TIACA's Executive Summit and Messe München's transport logistic Americas Forum come together at the 2-day conference March 22-23, 2022 at the Hyatt Regency San Francisco.

With the innovation journey to Silicon Valley the second highlight is scheduled March 24-25, 2022. Get inspired and discover future trends to move your business forward.

In parallel transport logistic, the leading international exhibition for Logistics, Mobility, IT and Supply Chain Management now finds an additional home in the booming Florida metropolis in the south of the USA. transport logistic Americas and air cargo forum Miami thus compliments the worldwide coverage of the successful trade show concepts organized by Messe München.

The combination of both brands offers a central platform for connections, most notably to USA, North and South America, as well as to other continents.

**22-25 March 2022 in San Francisco (ACF)**

**November 08-10, 2022 in Miami**

## World Cargo Symposium Hong Kong

The World Cargo Symposium (WCS) is the largest and most prestigious annual event. WCS 2022 will continue to move the industry from talk to action. The Symposium will feature plenary sessions, specialized streams, workshops and executive summits, tackling aspects related to Technology & Innovation, Security & Customs, Cargo Operations and Sustainability.

**27 - 29 September 2022 | AsiaWorld-Expo**

## Logistics Congress 2022

Next year's Logistics Congress hosts "Supply Chains in Science and Practice 2022" organized in cooperation with the European Logistics Association ELA. The congress brings together all parties in any way whatsoever connected to logistics: logistic, transport, and production companies; suppliers of IT solutions; educational institutions, and national authorities.

**06-08 April 2022**

**Grand Hotel Bernardin – Portorož, Slovenia**

## M&T Expo 2022

The 11th edition of M&T Expo - Int'l Trade Fair for Construction and Mining Equipment, part of bauma NETWORK, will finally take place next year after being postponed due to the pandemic. This is the largest equipment trade show for construction and mining in Latin America and a meeting point for Brazilian and international professionals in the construction industry.

**30 Aug-02 Sep 2022 | Sao Paulo Expo Exhibition & Convention Center**



مطار الشارقة  
Sharjah Airport



# Your Cargo is in Safe Hands



PERISHABLES



VALUABLES



HONEYBEES



HORSES



PHARMA

- ▶ Easy and transparent procedures mean your cargo moves with minimal wait time.
- ▶ Dedicated trucking fleet and airline network ensures regional connectivity.
- ▶ Availability of cool units to facilitate perishables handling.
- ▶ Safe and secure handling.
- ▶ Bespoke services for cargo flights dedicated to carry live honeybees.
- ▶ A dedicated ramp for horse handling with AstroTurf flooring.
- ▶ First airport to offer IATA CEIV Pharma certified cargo handling services in the Middle East and Africa.
- ▶ Our ability to expedite handling at reasonable rates makes us especially popular with Charter and ad hoc operators, especially those involved with sea-air traffic.





TK COURIER

**ADD SPEED AND FLEXIBILITY TO  
YOUR E-COMMERCE SHIPMENTS  
WITH TK COURIER!**

Visit to learn more:  
[turkishcargo.com.tr](http://turkishcargo.com.tr)



**TURKISH CARGO**

[turkishcargo.com.tr](http://turkishcargo.com.tr)