

air cargo update

Vol. 07 Issue 1, No. 49, Jan-Feb 2017

The first and only PAN-Regional Magazine
Middle East - Africa - Asia and beyond



Ethiopian Cargo

Breaking New Grounds

Fitsum Abadi

Managing Director Ethiopian Cargo Services

DXB is world's top airport with 83.6M passengers

\$26B Mideast security, safety & fire protection industry

Mumbai gets new export heavy and bonded cargo terminal

AI-powered Mercedes-Benz Actros truck ahead of its game

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EDITORIAL

Monthly: Vol 07 | Issue 1 | No. 49
Middle East, Africa, Asia & beyond

Air Cargo Update serves as a platform to share news and discuss critical issues within the Air Cargo Industry from the Middle East, South Asia and African region.

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Editor's Note

Turning the page to 2017

After a challenging year, 2017 is something that everyone looks forward to. It ushers in new beginnings, new goals, hopes and a chance to do better.

The UAE Rulers have wisely declared 2017 as the Year of Giving, which essentially promotes social responsibility and cooperation among diverse communities in the country, to reach out to those in need.

Part of this initiative is the newly-established UAE Food Bank which will not only address hunger and poverty but also avoid food wastage estimated to be worth \$4 billion annually in the UAE and about \$60 billion in the Middle East and North Africa.

The aim is to bring together several stakeholders to collect excess food from hotels, supermarkets, restaurants and farms. It will then store and package the food for distribution, while the inedible food will be recycled for different usage, including but not limited to, animal feed and fertilizers.

Inevitably, this would generate economic activities mainly in the freight and logistics sector in terms of hauling and transportation, while avoiding excessive wastage, at the same time, promoting the spirit of volunteerism and helping those in need. A wonderful windfall.

In this edition, we'll also take a closer look at Ethiopian Airlines' move to open up a new cargo hub, strategically positioning itself as a major business focal point in Africa, rivaling other more experienced similar companies in the continent.

It's a bold move in an uncertain world but one that connotes determination to be a serious force to be reckoned with in a vast underrated continent that has a lot to offer.

Germany's Messe Munchen, one of the world's leading trade fair organizers, also has high hopes in the market this year despite seeming uncertainties. It's turning its sight to India and the United States.

In technology, we're bringing you the story on how seamless connectivity will become the future game changer in the aviation industry.

These and the other latest news and features in the air cargo industry shaping its course this year.

Cheers to 2017!

Happy reading!

Gemma Casas
Editor

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air cargo update



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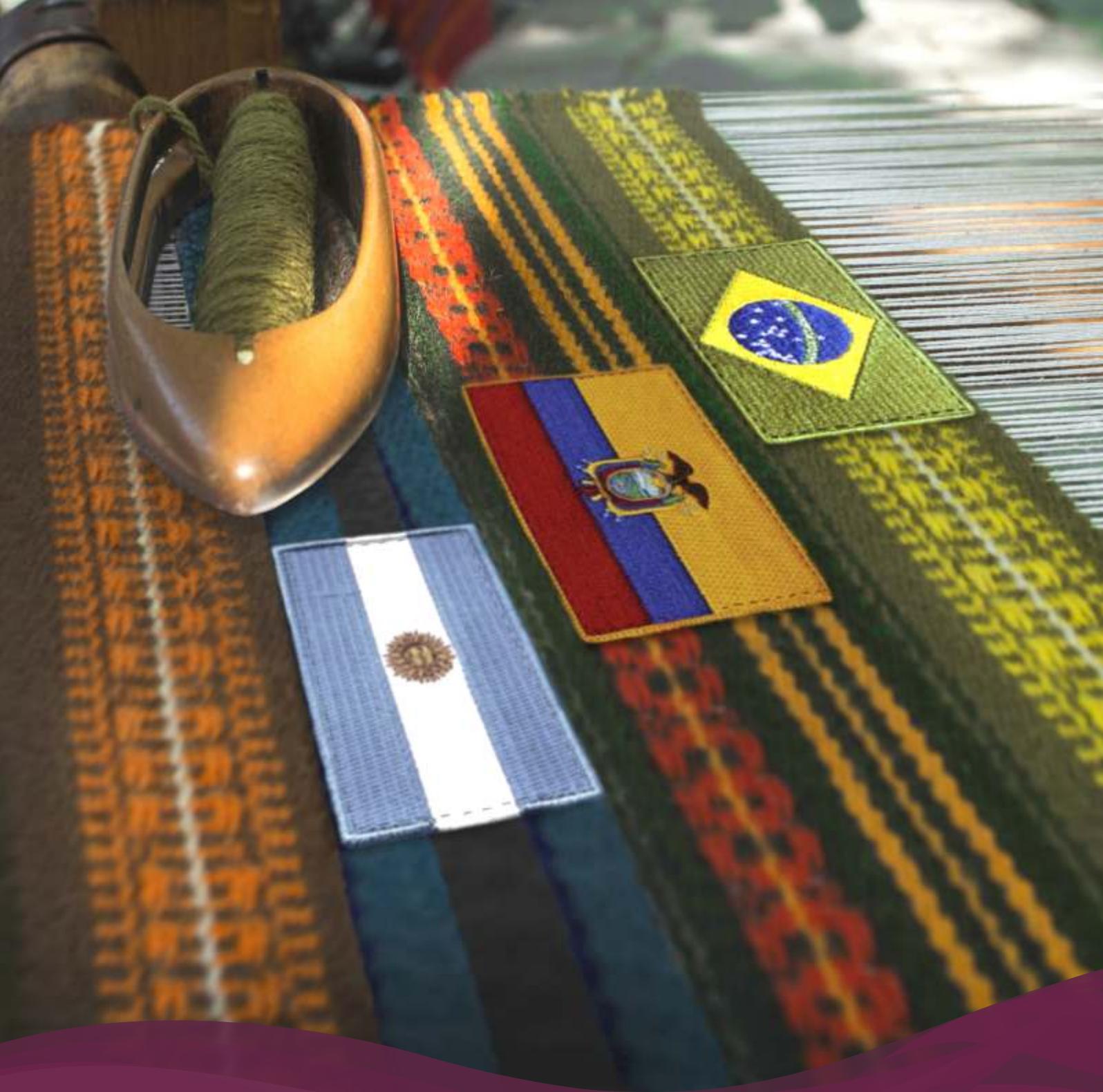
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Enquanhone Minyashal Manager Ethiopian Cargo-Gulf

Enquanhone Minyashal is a proud African and an even prouder Ethiopian. And there are good reasons to be one. Ethiopia which is known the world over as the birth place of coffee is now one of the leading nations in the continent as far as economy and innovations in education and other industries are concerned—proof of its successful quest to uplift its status in the midst of poverty and uncertainties in Africa despite its many natural resources.

After earning his marketing degree at the Commercial College of Ethiopia, Minyashal was immediately hired as a marketing clerk for Ethiopian Airlines and quickly climbed up the ladder, joining an elite team of marketers promoting the nation's flag carrier as the premier choice among travellers in and around the region.

While working, Minyashal took up his master's degree in marketing and after spending seven years on the passenger side of the airline industry, he jumped to cargo. "It's more challenging. More detailed and you have to be in control at all times because the cargo cannot speak for themselves," Minyashal described the cargo industry.

In all, Minyashal has been with Ethiopian Airlines for the past 16 years where his talent has been nurtured and rewarded.

Since last year, he has been managing the airline's Dubai office for the Gulf region, a daunting task in a very competitive open market environment.

This 6'2" tall father of two young boys who loves football shares his success with his wife who works as program assistant for the United Nations Economic Commission for Africa (UNECA).

A firm believer of gender equality and women empowerment, Minyashal says he decided not to force his wife to quit her job and join him in Dubai so she too could flourish in her chosen career.



Enquanhone Minyashal
Manager Ethiopian Cargo-Gulf

And for all their accomplishments, Minyashal says having a dream is very important.

"First of all you need to have a dream and you need to dream high. Work hard," says the cargo executive. "I am a proud African and I am even more proud to be an Ethiopian."

Read on the rest of **Air Cargo Update's** interview with this focused-driven executive who endures distance to give his spouse the chance to grow professionally yet still keeping their family intact.

What do you do in your spare time?

There's no free time (laughter). In this business, you always have to stay alert and on the go at all times.

What is your dream place to visit?

Anywhere that I can take my family.

Your favourite book?

I like subject materials. Those that can help me grow professionally. I also like John Grisham novels. I like the legal drama and the suspense factors in his books.

What sport do you play?

I like football. In football, all of your body parts are moving—your brain, your eyes, your legs and feet, your arms and there's human interaction.

Any pets?

We have cats and dogs. They don't always get along at all times. (Laughter)

Name some gadgets you can't live without in this day and age?

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GLOBAL NEWS

Airports Company South Africa to cut tariffs by 35.5%

JOHANNESBURG, Africa: Airports Company South Africa is cutting tariffs by 35.5 percent starting April 1, 2017 but will gradually increase it in succeeding financial years.

The new tariff decision will see a reduction in airport charges of 35.5% for the 2017-18 financial year. These charges will then rise by 5.8% in the 2018-19 financial year and 7.4% in the 2019-20 financial year.

An independent industry Regulating Committee approved the new tariff rules for aircraft landing fees, aircraft parking fees and the passenger service charges at the airport, which was published in the Government Gazette last month.

The new passenger service charges (with prior year passenger service fees) are as follows and include VAT:

1. Passenger service charge per departing domestic passenger: R82 (R127);
2. Passenger service charge per departing passenger for an airport within Botswana, Lesotho, Namibia or Swaziland: R169 (R263); and
- 3.

Passenger service charge per departing international passenger: R223 (R346).

Aircraft landing fees and aircraft parking fees vary according to the maximum take-off weight (MTOW) of an aircraft and length of stay.

Both sets of charges vary further according to whether the flight originated within South Africa, Namibia, Lesotho, Botswana or Swaziland or outside of South Africa.

Bongani Maseko, the Chief Executive of Airports Company South Africa, commented: "We would like to thank the Regulating Committee for all its hard work. We are happy that this process has finally concluded, and all



role players in the industry can now have regulatory certainty."

"It is important to note that the Final Permission is in line with Airports Company South Africa's expectations and what was proposed to the Regulating Committee. We anticipated this outcome for some time, and factored it into our financial and business planning," concludes Maseko.

Airports Company South Africa owns and operates nine airports

AMI USA invests on new website to push for imports expansion

UNITED STATES: With e-Commerce gaining more popularity, the USA arm of AMI – the world's largest trade-only airfreight and express wholesaler – has re-engineered its airport-to-door (A2D) web site to provide more comprehensive and competitive rates for its growing imports business.

The original site structure and pricing system dated back to AMI's forerunner, UAC, which it acquired in 2005. In those days, most import traffic was from Australia.

Since AMI acquired UAC, the number of import shipments has increased dramatically; the largest origin market is currently the UK, but AMI is also handling increasing volumes of imports and cross-trade shipments from other points in its global network.

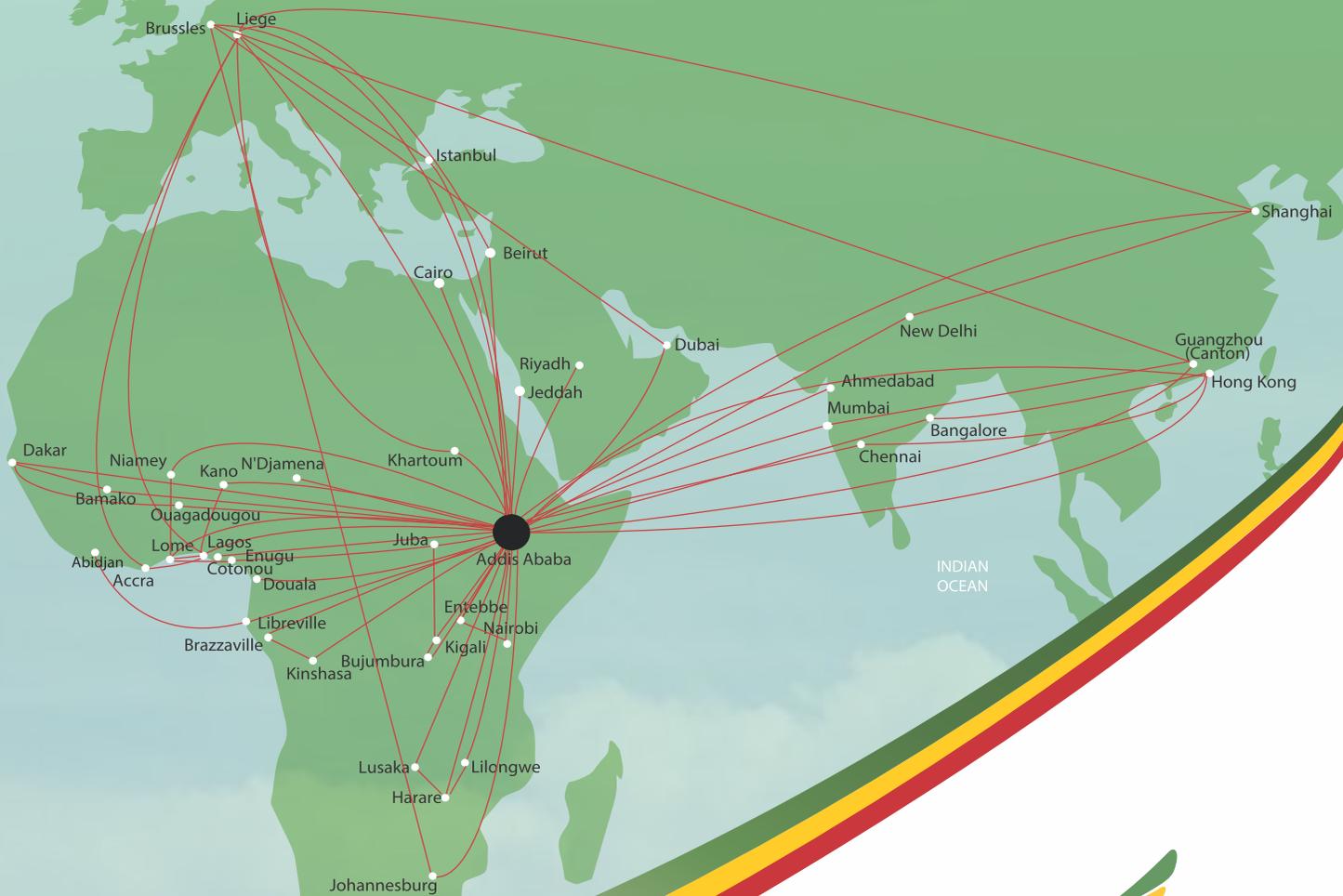
The revised AMI A2D site now offers pricing for airline terminal fees, Customs clearance and domestic to-the-door delivery. Reconfiguration of the systems' storage of trucking rates has resulted in more competitive total charges.



By combining these with the latest AMI freight rate quotes, freight agents anywhere in the world can now construct faster, all-inclusive and keener quotes for their customers.

Ryan Allgood who was recently appointed National Imports Manager, to drive the development of AMI's USA imports business says: "We're looking inside our own borders and stepping up our efforts to grow our US import customer base, as well as expanding our presence within the Chinese market."

AFRICAS PREMIER CARGO OPERATOR



Ethiopian
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GLOBAL NEWS

New multimillion warehouse in Abu Dhabi Ports by 2018



Abu Dhabi: A new third-party logistics warehouse costing AED80 million will be built in Khalifa Industrial Zone's (KIZAD) trade and logistics cluster to address the businesses' growing need for reliable storage space for their products.

The Abu Dhabi Ports signed in January the Musataha Agreement with Khalidia International Shipping LLC, a subsidiary of Emirates Business Group (EBG), for the project.

Mohamed Abdul Jaleel Al Blooki, Chairman of Emirates Business Group (EBG), and Mana Mohammed Saeed Al Mulla, KIZAD CEO, represented the contracting parties in the agreement. Located in "Khalifa Port Free Trade Zone" (KPFTZ), a dedicated new project that will serve as a platform for businesses looking to expand in the trade, logistics, and manufacturing

sectors in the region, the warehouse will be developed on a 47,081.4 sqm plot of land with a total capacity of 33,318 pallet positions. It is expected to be completed in Q2 of 2018.

"KIZAD's integrated clusters offer tenants a number of benefits and enhance the efficiency of supply chains within our free zone. The development of Khalidia International Shipping's new 3PL warehouse in "KPFTZ" provides existing and future customers with facilities that save transportation costs and streamline storage and distribution processes," said Al Mulla.

The warehouse, which will handle international imports for Abu Dhabi and Dubai markets, boasts a large capacity with over 33,000 pallet positions. It also contains a cold store with temperatures as low as - 24 °C

and a temperature controlled dry store at 24 to 26 °C.

Al Blooki noted: "We are delighted to announce this agreement and are proud to be opening our 3PL warehouse in the "Khalifa Port Free Trade Zone" (KPFTZ) at KIZAD. Adding to the logistics solutions that we already provide, the warehouse will offer a new set of highly demanded services. By supplying cold and dry warehousing services, we will contribute to filling a gap in the market." Khalifa Port Free Trade Zone (KPFTZ) is home to a wide portfolio of investments, specifically catering for Aluminium, Packaging, Engineered Metals, Port Logistics, Food Processing, Pharmaceuticals and Polymer industries, spanning a gross area of 100 sq km in total across Area A and Area B.



INDUSTRY PARTNERS

The National Association of Freight and Logistics (NAFL) Board led by its President, Nadia Abdul Aziz (far left), posed for a photo with Dubai Trade CEO Eng. Mahmood Al Bastaki (3rd right), during the 9th E-Service Excellence Awards (ESEA) held at Dubai Atlantis on February 1, 2017.

Dubai Trade holds the awarding ceremony every year to recognize companies that use smart services in the trade and logistics sectors in Dubai.

Volga-Dnepr sees continued growth in oil and gas cargoes



London, Britain: Volga-Dnepr Airlines is continuing to see an upturn in the movement of oil and gas cargoes, including its latest delivery of pump and vaporizer skids to Seoul, South Korea.

Operated on behalf of Air Charter Service France for its customer, Heppner Transport & Logistics, one of Volga-Dnepr's An-124-100 freighters transported the cargo from Switzerland's Euro Airport Basle-Mulhouse Freiburg to Seoul's Incheon International Airport.

The shipment, which included two pieces both weighing 19,500 kilos and two weighing 14,800kg each, was loaded using the An-124-100's onboard crane system.

The shipper prepared special wooden frames to fit underneath the 15-tonne pieces to help with the loading process, which took three hours to complete.

Alexandre Busila, Cargo Director of Air Charter Service France, said: "The loading of this cargo needed meticulous preparation with the Volga-Dnepr Team. Thanks to our joint work the flight was a real success. This charter project shows that the O&G industry is still doing well."

Volga-Dnepr Airlines has over 26 years of experience of delivering heavyweight and outsize cargoes for customers in the oil & gas industry. To date, it has operated over 1,430 flights delivering over 94,000 tonnes of oil & gas shipments to Europe, Russia and the CIS, North America, Latin America and the Caribbean, and the Middle East.

Cargoes carried have included drilling equipment, pumps, power houses, blowout preventers, tube bundles, pipeline valves, compressors and heat exchangers.

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GLOBAL NEWS

Dubai Customs scores 97.1% on happiness index



Sultan Ahmed bin Sulayem

DUBAI: Customs scored 97.1 % on Dubai Smart Office's happiness index meter on the last quarter of 2016, a reflection of its improving services and increasing productivity.

The agency had consistently scored over 96% throughout the year, thus, scoring an overall rate of 96.2% on the happiness meter during the 12-month period.

Sultan Ahmed bin Sulayem, Group Chairman and Chief Executive Officer of DP World said he is happy with the result of this important evaluation that covered the website, the services and customs centers.

"I am happy with this result which reflects the great level attained by Dubai Customs in its quest to make her customers happier following the directives of His Highness Sheikh Mohammed bin Rashid Al Maktoum, Vice President and Prime Minister and Ruler of Dubai," he added.

Dubai Customs is working currently on an award program to reward clients who use its services.

Some of the smart initiatives that Dubai Customs launched last year included:

The Smart Workspace: This program accelerated the process of finalizing customs declarations from 20 to 40 minutes to just under 5 minutes. Declarations consumed an average of 1.76 million man-hours annually and now, using the new smart platform, the number is reduced to only 360,000 man-hours; which means a five-fold reduction.

This helps boost customs transactions and increase Dubai non-oil trade which witnessed a 17% increase during the first half of 2016 compared to the same period in 2015. The new smart workspace will also help companies save AED 68 million annually.

Smart Inspection Glasses: The project helps make the inspection process easier, more efficient and precise while saving time and effort. The glasses instantly display the container's customs declaration, as

well as its risk assessment and x-ray images on a one-stop little screen, and accordingly help inspectors take proper measures. Inspectors can submit their reports using either the virtual keyboard or the voice tool.

The Smart Virtual Agent: This initiative is a smart channel for communication with customers which can respond to their enquiries about customs services, procedures and regulations. The Smart Virtual Agent is an intelligent tool which operates 24/7 without the need for any human intervention. This self-improving platform uses Dubai Customs' updated database and memorized similar cases to answer customer inquiries.

Authorized Economic Operator (AEO): This program aims at establishing strategic partnerships with businesses to ensure security of the international supply chain and facilitate global trade. The application procedure will consist of completing an Application form, Self-assessment questionnaire, On-site audit by Dubai Customs, Certification.



Accelya and Mercator announce merger

BARCELONA, Spain: Accelya and Mercator announced they are merging to create a leading global technology-enabled solutions provider to airlines, travel agents and freight forwarders.

But the terms of the transaction between Accelya, a leading provider of financial and commercial solutions to the airline industry, and Mercator, a global provider of product-enabled solutions to the travel and transport industry, were not disclosed.

The companies said their merger will offer a broadened product portfolio with complementary offerings,

including revenue accounting, revenue management and revenue assurance, cargo management, payment solutions, data analytics, cost management and commercial solutions.

With a global footprint and more than 400 clients worldwide, including 250 airlines, the new company will be at the forefront of automation, helping customers manage their financial processes more efficiently, minimizing revenue leakages, reducing operational costs and optimizing management of their indirect distribution channel.

The combined company will have pro forma annual revenues in excess of \$200 million, with the scale to make investments in products and technology in order to remain at the cutting edge of innovation and service quality.

Warburg Pincus, a global private equity firm focused on growth investing, will be the majority shareholder in the combined company following its acquisition of Accelya from Chequers Capital. Members of management will also have ownership interests in the merged company.



Hactl tapped to handle Vietjet cargo



HONG KONG, China: Fast expanding Vietnamese new-generation carrier Vietjet has appointed Hong Kong Air Cargo Terminals Ltd (Hactl) – Hong Kong's largest independent cargo handler – to provide cargo terminal operations for its newly-launched flights between Ho Chi Minh City and Hong Kong.

The daily services are operated with A320 aircraft from the airline's young fleet of 42 A320 and A321 aircraft. In the first nine months of 2016, Vietnam was Hong Kong's 5th largest export market, and major export commodities included telecom equipment, meat products and electronic components. Imports from Vietnam grew 9.0% in the same

period; major import items included electronic components, telecom equipment and footwear.

"Hong Kong is a very important market for Vietnam, and also a key step in our airline's development. We look forward to playing our part in facilitating increased trade on this route," said Vietjet Vice President Nguyen Thi Thuy Binh,

Hactl Chief Executive Mark Whitehead added: "We congratulate Vietjet on the launch of this exciting new service to Ho Chi Minh, which provides access to an important destination for our customers."

VietJet began operations in 2011, flying from Ho Chi Minh City to Hanoi. It has since expanded its network to include 37 domestic and 23 international destinations. The airline carried its 35 millionth passenger five years after its launch.

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AVIATION

Falcon Aviation unveils first offshore-configured new chopper



ABU DHABI: Falcon Aviation, one of the leading plane and helicopter charter and service providers in the region, has recently unveiled the world's first offshore-configured new generation AW169 helicopter of Leonardo to the oil and gas community in the country's capital.

H.H. Sheikh Zayed Bin Sultan Al Nahyan, vice chairman/CEO of Falcon Aviation, said the latest addition to their fleet is in line with the company's pledge to maintain the highest safety standards in the industry.

"Falcon Aviation and TOTAL ABK are complying with the safety standards of the oil and gas industry. Safety is the number one priority for Falcon Aviation and TOTAL ABK, the use of the AW169 helicopter helps to maintain the high safety standards to which Falcon Aviation and TOTAL ABK

operate," he said in a statement.

Falcon Aviation now holds the record as the first operator in UAE to use the new type and the first customer worldwide to operate the aircraft for offshore oil and gas transportation.

This AW169 will now be used to support oil & gas operations in Abu Dhabi for TOTAL ABK. Falcon Aviation has placed orders for two AW169s, the second being in a VVIP transport configuration.

Located in Al Bateen Executive Airport, Falcon Aviation mainly supports the Abu Dhabi oil and gas governmental sectors. It also provides VIP private jet and helicopter charters, aircraft management, Fixed Based Operations (FBO), aircraft maintenance (MRO) & Continuing Airworthiness Management Organization (CAMO).

MEBAA founding chairman voted vice chairman of IBAC Governing Board



DUBAI: The founding chairman of the Middle East and North Africa Business Aviation Association, Ali Ahmed Alnaqbi, was elected to serve as the vice chairman of the International Business Aviation Council (IBAC) Governing Board, the first Arab at that.

"I am honoured to have been elected to the Vice Chairman position of the IBAC

Board," said Alnaqbi whose three-year appointment

began in January of 2017.

"This opportunity to guide the business aviation sector is a perfect synergy with my passion for the industry and previous achievements. I look forward to driving the industry forward in the next three years in this role," added Alnaqbi who previously served as IBAC's treasurer.

The Canada-based IBAC is a nonprofit international trade association with permanent observer status at the International Civil Aviation Organization (ICAO), the UN specialized agency for aviation matters.

The IBAC Governing Board serves the diverse needs of business aviation across the globe and is involved in all ICAO forums that affect business aviation, in addition to directing the council.

Alnaqbi's appointment as vice chairman to IBAC is viewed as a key milestone for the influential MEBAA which has had significant impact in drafting legislation and rules concerning business aviation in the entire region.



OIA Global buys out American Cargo Express



Portland, Oregon, USA: OIA Global, a leading worldwide transportation, supply-chain management, and packaging solutions provider has acquired American Cargo Express for an undisclosed amount.

The New Jersey-based provider of domestic and international freight

forwarding, warehousing, trade management services, American Cargo Express has been in the industry for nearly 30 years.

Charlie Hornecker, CEO of OIA Global said: "Joining forces with ACE expands OIA's

footprint into the highly competitive Canadian market of Toronto, and adds to our global network of locations which includes countries in Europe, Asia, and South America."

Rick Trizano, President of American Cargo Express, said he's pleased that

the company is joining a firm that is known for its integrity and high regard for employees.

"We are joining a fast growing company with one of the most unique value propositions in the supply chain and logistics space. Most importantly, OIA has a great employee-driven culture, which is what makes it even more meaningful," Trizano said.

The executives noted acquisitions only work if the companies involved are able to innovate and provide value-enhanced benefits to their customers.

OIA is a multi-billion supply-chain management leader with 69 owned offices and a global presence in 27 countries.



How we make art exhibitions more successful.

This year, we delivered a world-famous painting custom packaged in airtight conditions from Shanghai to Zurich and then onwards to a museum in Bern, where its exhibition created a sensation, drawing more visitors than ever. This is just one of the many success stories we share with our customers.



GLOBAL NEWS

Changi Airport cargo up by 6.3 percent



SINGAPORE: The overall air cargo volume at Changi International Airport grew by 6.3 percent last year posting a new record high of 1.97 million tons.

Much of the cargo came from its top markets—US, India, China, Australia and Hong Kong.

Officials said the growth came from imports, exports, transshipments, perishables and pharmaceuticals.

The airport recently formed a community of cargo partners to get international certification to beef up their pharma capabilities. Additionally, DHL Express South Asia's hub was officially opened in the lion city in October of 2016, tripling the company's handling facility and its processing ability further enhanced.

RSA Logistics opens new warehouse at DIP

DUBAI: RSA Logistics has expanded its operations to Dubai Investments Park with a new warehousing facility strategically located within the DIP complex to serve customers with faster distribution in the local markets.

The new facility will add to RSA Logistics' existing contract logistics capability and complements established facilities in Dubai South and Jebel Ali.

The warehouse, which spreads across 2,500sqm with a total capacity of 2,500 pallets, is designed to store general cargo and handle a diverse range of product categories including fast moving consumer goods (FMCG) and beauty products.

It will offer an extensive range of value added services such as distribution, cross documentation, and ecommerce to meet diverse customer requirements with international standards.

Abhishek Ajay Shah, Co-founder and Managing Director-RSA Logistics said, "Our new facility in DIP is in close proximity to the Expo 2020 site making it a favored location to begin operations in view of the projected increase in economic growth resulting from the mega event."

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GLOBAL NEWS

Alibaba & Maersk team up, cut out freight companies



Jack Ma

Copenhagen, Denmark: Chinese e-Commerce giant Alibaba has teamed up with the world's largest container shipping line the Danish-owned Maersk to book space with its vessels online, essentially cutting out transactions with freight forwarding companies.

Companies seeking to transport goods they bought through Alibaba can also use its website to reserve a space with Maersk which posted \$47.6 billion revenues in 2014.

Analysts see the move as Alibaba's intent to make transactions easier for customers while gaining a foothold on the global logistics industry.

News reports said the service is initially being offered on routes from eight Chinese ports, including Shanghai and Ningbo, to locations in Europe and Asia.

Founded in 1999 by former English teacher turned businessman Jack Ma, Alibaba was estimated to be worth over \$200 billion as of May 2016.

As the majority shareholder in Alibaba which is listed in the New York Stock Exchange, Chinese businessman Ma's personal net worth is estimated to be \$34 billion as of last year.

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CARGO AID

Etihad reaches out to Syrian, Palestinian and Lebanese families

BEIRUT, Lebanon: A delegation from Etihad Airways distributed packages containing food, clothes, shoes, cleaning materials and blankets to some 802 Syrian, Palestinian and Lebanese families in Beirut, Akkar, and Sidon.

The donations were made in cooperation with the Relief and Humanitarian Aid Organization of Lebanon's Dar Al-Fatwa, the Emirates News Agency, WAM, reported.

The donation is part of the "UAE response to the crisis of Syrian refugees, Winter 2017" campaign, the UAE's embassy in Lebanon said.

Khaled Gaith Al Mehairbi, Senior Vice President for Operational Affairs for Etihad Airways at Abu Dhabi International Airport, noted the airline's commitment to contribute to the "Year of Giving" initiative in 2017, which was launched by UAE President His Highness Sheikh Khalifa bin Zayed Al Nahyan.



UAE rolls out plans for 2017 Year of Giving



DUBAI: The UAE's 2017 Year of Giving has gained tremendous support days after it was announced in January with some 85 entities in the hospitality

sector, hundreds of restaurants and over 100 supermarkets pledging help to the UAE Food Bank, a major component of the initiative.

The newly-established UAE Food Bank will bring together several stakeholders to collect excess food from hotels, supermarkets, restaurants and farms. It will then store and package the food for distribution, while the inedible food will be recycled for different usage, including but not limited to, animal feed and fertilizers, the Emirates News Agency WAM reported.

Vice President and Prime Minister and Ruler of Dubai, His Highness Sheikh Mohammed bin Rashid Al Maktoum, dedicated his Accession Day on January 4 to the launch of the UAE Food Bank under the umbrella of the UAE Year of Giving and the Mohammed bin Rashid Global Initiatives Foundation (MBRGI).

The food bank aims to optimize food usage and reduce food waste in the UAE, helping Dubai to become the first city in the region to achieve zero food waste, it was pointed out. More than \$60 billion worth of food are estimated to be wasted annually in the MENA region.

Nabil Gangi, UN Food and Agriculture Organization (FAO)

Representative to the UAE and Coordinator ad interim to the Sub Regional Office for GCC States and Yemen, said the initiative "reflects the true spirit of giving, which has always characterised the UAE communities, and the vision of the founder of the country, late Sheikh Zayed bin Sultan Al Nahyan.

Nangi stressed FAO's readiness to continue working hand-in-hand with the UAE government and stakeholders to ensure the success of the initiative within a sustainable food diversification strategy.

H.H. Sheikha Hind bint Juma Al Maktoum, Chairperson of the UAE Food Bank, said the project is more than a lifeline to those who are in need.

"The UAE Food Bank will do more than distribute food to those in need. It will instill the humanitarian values of philanthropy and volunteerism in the hearts of people, reinforcing the UAE's culture of giving and strengthening the country's global position as one of the most humanitarian countries in the world," she said.

"The progress the UAE Food Bank has made in only a few days since its inception is remarkable. Due to the sincere generosity and diligent commitment of many institutions, volunteers and philanthropists, we are confident that the UAE Food Bank will be the largest humanitarian initiative in the country and the biggest food-aid initiative yet seen in the Muslim World," Sheikha Hind Al Maktoum added.

Among the participants are Majid Al Futtaim Group, Carrefour, Choithrams, Dubai Trade Centre and Jumeirah Hospitality.

The UAE Food Bank's first campaign will distribute 30,000 meal packages to those in need. It will also grow in the next few years and will have 15 branches inside and outside the country, focused on providing emergency food aid and relief, WAM reported.

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Ethiopian Cargo Breaking New Grounds

By Gemma Q. Casas



Holding the distinction as the only African nation to defeat the European colonial power in the 19th century, Ethiopia, the continent's oldest independent nation where coffee beans were first grown, continues to break new grounds, defying stereotype notions about the region and its people.

Its economy had consistently posted growth of between 8 to 11 percent for a decade in this century, making it the 5th fastest growing economy among the 188 member nations of the International Monetary Fund (IMF).

As the only African country that was never colonized, except for five years (1936-1941) under Italy's Mussolini regime, Ethiopia was primarily ruled by Monarchs until their defeat by the Soviet-backed Marxist-Leninist military junta, the Derg, in 1991.

The country's history is ripe with stories of bloody battles between ethnic groups, poverty, great deprivation and a record famine that led to the death of approximately more than 400,000 Ethiopians.

But in each tragedy, Ethiopia rises stronger and better.

Ethiopia Rises

Today, Ethiopia is one of few countries in Africa where business is nurtured with great prospects for the future despite many challenges.

"Conflict, corruption, and lack of proper system to utilize Africa's abundant resources make development elusive," said Fitsum Abadi, Managing Director Ethiopian Cargo Services, told **Air Cargo Update** in an email interview.

"However, as you know, emerging markets have moved from BRICs to PINES and I believe we will see more



COVER STORY

emerging markets in Africa apart from Nigeria and Ethiopia in the forthcoming years, beating the challenges circling the region. Don't forget that for the rest of the world, the untapped Africa is becoming the only playground for their sustainability in natural resources," he added.

The country's flag carrier, Ethiopian Airlines, which has been around for over 70 years is leading the quest for the elusive economic prosperity.

The airline is undeniably a vital link to a more globalized business-friendly Ethiopia with its passenger commercial and cargo flights leading the country's export earnings from coffee, gold, leather goods and processed agricultural products.

In the fall of 2015, Ethiopia's government drafted the 2016-2020 five-year plan known as the Growth Transformation Plan (GTP II), which prioritizes the manufacturing sector and new infrastructure projects.

The IMF was happy with Ethiopia's economic plans describing it as "on course to deliver remarkable socio-economic gains, and the authorities are committed to mobilizing the required financing for sustainable development."

"Consistently strong economic growth over the past decade and a broadly stable macro-economic environment has placed Ethiopia among the top performing economies in Sub-Saharan Africa. With broad-based expansion and increased diversification of the economy, growth has been rendered increasingly inclusive and employment-generating. Poverty has reduced significantly and the income gap narrowed substantially," the IMF said.

Ethiopian Cargo

In April this year, Ethiopian Cargo will unveil its state-of-the-art new hub in



the nation's capital Addis Ababa costing \$150 million. Many experts view this project as the gateway to more business opportunities for Ethiopia and other countries in the region.

"Air cargo is extremely vital for African economic growth as one-third of the countries in Africa are landlocked. Fresh and organic produces for export, which are time-sensitive, could only be moved with air. Electronics, textile and trader cargo movements could support the growth in every country's GDP which are mainly transported via air," Abadi pointed out.

The new Ethiopian Cargo Terminal, scheduled to be in operation by April 2017 can carry up to 1.2 million tons of cargo, and is even equipped with facilities for perishable goods.

It can also handle up to eight B747-400 freighters at any given time.

"Upon completion, our uplifting capability will be equivalent to the cargo terminals at Amsterdam Schiphol, Singapore Changi or Hong Kong," said Ethiopian Airlines Group CEO Tewolde Gebremariam in a statement.

The new cargo terminal is part of

Ethiopian Cargo's Vision 2025, aimed at supporting the country's quest for modernity in an export-driven economy.

Ethiopia's main exports include coffee, flowers, fruits, vegetables, meat and gold. Ethiopian plans to expand its freighter network to 18 aircraft serving 37 international cargo destinations by 2025.

Gebremariam said "2016 has been an exceptionally challenging year for the African Aviation industry. Commodity exporting countries in general and oil exporting African countries in particular have been hit hard by the global decline of commodity prices. As a result, demand for air travel has been suppressed and the shortage of foreign exchange has severely affected the financial performance of airlines in the continent."

"Yet, at Ethiopian, we are very proud of the new heights Ethiopian has flown in the year: we celebrated our 70th anniversary, inaugurated the largest and the finest Aviation Academy in Africa and a state-of-the-art In-flight Catering facility which is the largest in the continent of Africa, introduced Africa's first Ethiopian Airbus A350, and spread our wings to more countries on 5 continents," he added.



COVER STORY



Ethiopian Group CEO
Tewolde GebreMariam

The Dubai Link

For many nations in the Middle East and Africa, Dubai plays a major role in doing business with the rest of the

world.

This is especially true for Ethiopian Cargo as it levels up with competitors in an open market.

“The ADD-DXB route for Ethiopian Cargo is very important as Dubai is the gateway for African entrepreneurs to international markets, including those across the Middle East, Europe and Asia,” explained Enquanhone Minyashal, Manager Ethiopian Cargo Gulf.

Through Dubai, African businesses ship out perishables, flowers, and other raw materials.

Likewise, the emirate is the jumping point where they import electronics, oil and petroleum products, machineries and other personal necessities.

Abadi said Dubai and the rest of the

Middle East will remain important partners of Ethiopian Airlines and Cargo in the global aviation industry.

“Ethiopia's trade relations with the Middle East are still growing, especially in terms of agricultural products. Investors in the region prefer Ethiopia as their investment destination which will also boost the current level of trade between them,” he said.

In fiscal year 2015/2016, Ethiopian Cargo flown some 346,120 tons, up by more than 17,000 tons compared to the previous year—a sign of more flourishing years to come with the right formula and attitude.

More Expansion

Apart from expanding the cargo terminal, Ethiopia is gearing up for the modernization of its airport in the capital, also due for completion this year.



Ethiopian Coffee Processing



Ethiopian Coffee Serving



Ethiopian Spices



Ethiopian cargo products and services:

- Perishable cargo handling
- Valuable cargo handling
- Pharmaceutical handling
- Industrial outputs
- Live animal carriage
- Human remains handling
- Dangerous goods handling
- Courier and Express Cargo

Ethiopia's main exports in 2015:

- **Coffee, tea and spices:** US\$1 billion (20.9% of total exports)
- **Vegetables:** \$897.4 million (17.9%)
- **Live trees and plants:** \$737.5 million (14.7%)
- **Oil:** \$693.2 million (13.8%)
- **Oil seed:** \$531.4 million (10.6%)
- **Live animals:** \$332.2 million (6.6%)
- **Gems, Precious Metals:** \$175 million (3.5%)
- **Meat:** \$106.9 million (2.1%)
- **Raw hides excluding Fur Skins:** \$98.1 million (2%)
- **Knit or crochet clothing:** \$44 million (0.9%)

The project will allow the airport to accommodate as many as 25 million passengers. By 2025, Ethiopia envisions to open up a new airport, equipped with the latest technology and modern facilities.

Domestic airport network is also being expanded to have at least 19 airports to reach the remote desert and mountainous areas of the country.

Plans are also afoot for an electric railway network connecting Ethiopia to its neighbors, with a link to the Port of Djibouti.

Ethiopian has also built the largest and the latest Aviation Academy in Africa, with an investment of \$100

million.

The Academy has the best aviation training technology that an airline academy can offer; full range of fleet cabin emergency, evacuation and door trainers fitted with a high standard swimming pool for cabin crew ditching exercises and more than 20 pilot training aircraft, Class Rooms, Student Cafeteria, Auditorium Hall, Student dormitory, Green compound with space for outdoor sports.

Gebremariam said connecting their brothers and sisters in Africa is the only way to move forward.

"Africa's share of the Global Aviation is the smallest which is only around 3%. As the largest airline group in the

continent, we are highly concerned on the low base of air connectivity in the continent and we are setting record expansion to enable Africans enjoy safe, reliable and economical air connectivity both within the continent and between the continent and the rest of the world," he said.

"Looking beyond the current economic slowdown especially in the oil export dependent economies of Africa, we firmly believe that the continent will become the magnet for foreign direct investment, trade and tourism, which are the engines of air travel growth and in turn efficient air connectivity also drives socio economic development and we are happy to contribute our share in the 21st Century African Transformation," he concluded.

Fitsum Abadi: Leading by example

Ato Fitsum Abadi first joined Ethiopian Cargo in July 1995 as clerk at the airport operations.

A determined and hard working fellow, Abadi steadily climbed up the corporate ladder, assuming greater responsibilities, including as area manager for the cargo department's offices in India, Sri Lanka, Nepal, and Bangladesh and later becoming the cargo manager for the whole of Europe.

Since 2013, he has been entrusted to lead Ethiopian Cargo's offices worldwide which also covers the Gulf countries,

An ardent student, Abadi holds a diploma in marketing, biology and an MBA from the Southern New Hampshire University. He is currently working on his executive MBA at the Open University (UK) and Leadership Fellow Africa Program from GE Management Development Institute in Crotonville, New York.





OUTSOURCING OPERATIONS 3PLS

The UAE ranks high on the list of promising emerging markets and its domestic logistics market shows no less potential. The logistics industry is poised to grow at a rate of 8-9% annually through 2020 to \$16 billion.

In 2010, it was a \$7 billion industry. The obvious advantage for the UAE is its geographic vantage position which gives trade access to a population of 2 billion in the region, and is on its way to being one of the busiest trade hubs by 2030. The government believes in the longevity of the logistics industry and has expended billions of dollars in infrastructure in the last 5 years.

The contract logistics industry in the UAE is huge, particularly as Dubai is a hub for goods distributed to the rest of the GCC region, as well as increasingly into Africa. Many companies have their main facilities in the free zones, and use the UAE as a launch point to distribute goods into other markets because of the infrastructure that is in place here.

Air Cargo Update spoke with logistics experts RSA Logistics and Agility Logistics about contract logistics and the trends shaping the logistics industry.

Trends shaping the market

According to Transport Intelligence's (Ti) report, another trend that has

changed the shape of the market is globalization. As supply chain complexity increases, so do the services which logistics providers are asked to perform. No longer is logistics seen as a tactical activity, where the gains made are purely measured regarding transport or warehousing cost savings. Instead, customers become more engaged in the transformational impact on supply chain competitiveness which a logistics provider can achieve.

Kevin Hill, Agility's Regional Director, Sales and Marketing Middle East & Africa, notes, "The growth of e-commerce and globalization has led to two main changes for our industry;

a decrease in the size of orders, and an increase in frequency. This has to do with the quick turnaround expected by consumers, who are ordering products online and expect delivery within a few days. With quicker turnaround times, we're experiencing a need for improved efficiency throughout the supply chain in order to be able to live up to customers' expectations."

Also, logistics providers have had to react and adapt to their own service offerings to accommodate the burgeoning growth of e-commerce. Unlike store-based shopping, e-retail is far more commoditised and the greater the volume sold, the more



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efficient the fulfilment operation.

To succeed in such an evolving market, logistics providers are exploiting innovations and technologies to streamline their operations.

Abhishek Ajay Shah, Co-Founder & Managing Director, RSA Logistics & Director of the Board at RSA TALKE, said, "Globalisation has shortened cultural distances across the world. This in turn has prompted geographic distances to be bridged to meet consumer demands that cross borders, and the burden of this lies heavily on efficient logistics services. E-commerce has shown consumers that they have access to the best products from around the globe and they want them delivered yesterday. Inevitably this will create greater competition in the contract logistics industry over who can provide the fastest and most reliable delivery guarantees. Logistic providers need to be savvier about trends, risks and threats in a wider pool of markets and use technology to turn the challenges into opportunities."

What dominates contract logistics?

The verticals that are driving the

products on a large scale. Both of these industries are sizable in the GCC region, but with the GCC healthcare sector projected to grow at a 12.1% CAGR from an estimated US\$ 40.3 billion in 2015 to \$71.3 billion in 2020 according to Alpen Capital's most recent industry report, the pharmaceutical sector is bound to remain strong.

"It has been a tough year across the board due to declines in some sectors, including retail items and FMCG. The UAE has remained balanced, but it has been challenging in the rest of the GCC region. Because contract logistics customers tend to sign on for three to five years at a time, this business has remained stable, but the freight industry has struggled a little more. We are hopeful for a strong fourth quarter," notes Mr Hill.

Role of 'outsourcing'

With the advent of new technologies particularly from start-ups, contract logistics is being increasingly modularised with innovations that can add tremendous value to customers in terms of transparency, and anticipatory planning. The supply chains for contract logistics are long,

the manpower to handle large volumes of goods efficiently and on an international scale," says Mr Hill.

Mr Abhishek said, "Outsourcing these segments can greatly improve service deliverables, however communication and alignment between the different parties will determine the success of this. Furthermore, the GFC (Global Financial Crisis) made organisations really think about what is a core activity and what can be outsourced. The question being 'what do we want to be the best at?'"

Technological advances

Technological innovation is central to success. The contract logistics industry need to innovate to be able to compete on price, or lose its customers once the contract is up.

"With smaller, more frequent orders needing to leave the warehouses, we've seen an increasing demand for manpower, as our teams need to be on hand to pack and check more shipments. Technology is playing an important role in helping us achieve this, and we have digital warehouse management systems in place to both help our crew find the correct items quickly in these huge warehouses, and also to help ensure that our customers' orders are complete, and contain the right items.

"We are also innovating the way we pack things, constantly looking for ways to make the supply chain more efficient. One of these solutions is 'softbox' packaging, which is a micro-transport system for the pharmaceuticals sector that we developed for the American military to guarantee a steady temperature on difficult shipments.

"We have had a system in place for our customers to be able to track their goods at all times during both inbound and outbound freight for the past four or five years. This has been a huge help in providing better visibility on the



biggest growth for the contract logistics sector are automotive and pharmaceuticals. These industries are more inclined to sign long-term contracts, as they require stability and reliability in the delivery of their

and for multinational companies it is a security and convenience to outsource the contract logistics function to a 3PL provider such as Agility and RSA Logistics.

"We at Agility have the expertise and



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projected shelf life expiry of sensitive products, and has improved our ability to tailor services to suit these customers, says Mr Hill.

“Contract logistics requires coordination between several parties to move goods efficiently from point A to B. For it to work at an optimal level, communication, transparency, order visibility and process efficiency is vital. Technology is the key driver in all these factors and as such plays a pivotal role in the success of contract logistics,” says Mr Abhishek.

Market success

RSA's Mr Abhishek views that manufacturers around the world need to get their products to consumers wherever they are. Consumers in the developed parts of the world continue to stagnate in population growth thus, the attention turns to the emerging markets.

“For us, all of these markets have significant challenges that need to be solved through innovative logistics solutions.”

Risks faced by contract logistics

As the industry evolves, with customers requiring smaller more frequent shipments, the industry needs to respond and become more flexible, with warehousing processes becoming more efficient in order to meet expectations from

customers and compete with other companies as the contract logistics industry is driven by cargo owners that would like to create a hub/base closer to their customer base to shorten the lead times and be more flexible on orders sizes.

The vulnerability of supply chains to disruption such as by natural disasters have been exacerbated over the past 30 years by strategies aimed at lower inventory and labour costs. Lean inventory plans, centralized distribution, just in time, remote off-shore production, sourcing from developing countries and multiple tiers of suppliers have all improved companies bottom line, but not with cost. Although a high level of stock requires a high standard of risk, they also act as a buffer against supply chain disruption, according to Ti's report.

“Given the volatility in global supply chains we see our customers struggling to understand the number of demand days of inventory they should hold. The risks with this is that our customers may be over leveraged in terms of stock holding or they may be understocked and miss out on opportunities. This challenge is only solved by a great understanding of information up and down the supply chain,” says RSA Logistics' Mr Abhishek.

“Within an increasingly competitive and fragmented market, it is

important that we continuously find ways to provide added value and offer a strong service provision. At Agility, we are dedicated to leveraging the opportunities presented by technology to make this happen, and we are exploring new ways to innovate and ensure that we are offering our customers the best possible value for money,” affirms Mr Hill.

Future of contract logistics

RSA logistics predicts a shortage in skilled workers as the baby boomer population goes into retirement. Automation and digitalisation will compensate for this in a struggle to meet increasingly complex customer demands.

However Agility foresees 3D printing having the potential to fundamentally change the industry, as warehouses for shipping will no longer be necessary on the same scale.

For example, imagine if automotive parts were 3D printed in each market instead of produced centrally and shipped out.

Large volumes of goods would just require overland transportation as opposed to the current international air freight and shipping.

“But with technology evolving at breakneck speed, who knows what else will happen in the next few years. It's an exciting time for the industry,” concludes Mr Hill.

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Airport Solutions Mexico 2017 is being managed by F&E Aerospace, the organisers of the Dubai Airshow and EJ Krausse, a worldwide leader in exhibition and conference management. The much needed two-day exhibition and conference will be held 3-4 May 2017 at the Centro Citibanamex, Mexico City and is expected to attract more than 2,000 B2B buyers and 200 delegates.

Timothy Hawes, Portfolio Director stated, "Mexico presents an exciting opportunity not to be missed by those working in the sector for many reasons. With a major programme of airport expansion planned, including a US \$170m airport infrastructure renewal programme, a brand new state-of-the-art airport in Mexico City to be built, with an estimated cost of \$9.2bn and rising passenger demand and current capacity limitations make Mexico a hub for airport expansion and development."

The event organisers have recruited international leading industry figures and ambassadors to the event's advisory board to steer its direction and content. Those confirmed include; Peter Cerd, Regional Vice President, The Americas, International Air Transport Association (IATA); Alejandro Cobin Bustamante, General Director, Cmara Nacional de Aero-transportes (CANAERO); Gregorio Garca Morales, President, College of Mexican Aeronautical Engineers (CIMA); Cuitlahuac Gutierrez, Director of IATA (International Air Transport Association); Juan Carlos Machorro, Partner Mexico City Office, Santamarina y Steta; Rodrigo Planas Rego, Deputy Director General for Transport and Control, SCT; Toms Enrique Ramrez Cargas, Sales Director, Grupo Aeroportuario del Pacifico;

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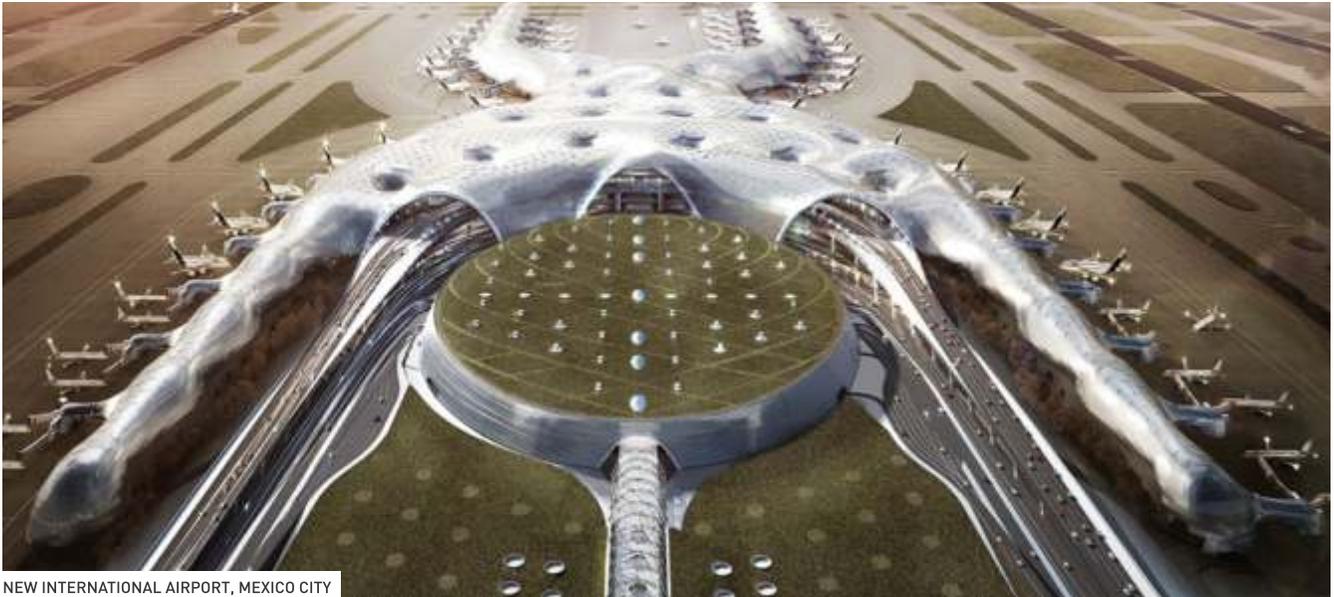
Miriam Santos Martinez, Director of Alkimia Strategic Innovation & User-Centered Design and Regional representative of Winn Innovation and Alicia Silva Villanueva, Director and Founder, Revitaliza Consultores.

During a two day conference, Airport Solutions Mexico will be covering the most up-to-date topics

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in the Mexican airports industry. The conference programme for the inaugural event will include key topics such as modernisation and upgrades, connectivity, government policy and regulations, green airports, security and passenger experience to be addressed. Each of these topics will be analysed further at the conference through case studies, presentations and panel discussions. Regional and international experts will be invited to share their experience and knowledge and discuss challenges and opportunities in each area. These key themes will form the content for the conference agenda and provide opportunity for discussion, networking and knowledge sharing.

Leading companies and industry stakeholders such as Schneider Electric and Pelco by Schneider Electric recognise the importance of establishing a presence in Mexico and thus have confirmed their participation and support for the event. Diego Bianchini, Gold Sponsor Schneider Electric's Senior Channel Manager for Mexico & Central America Software stated "Mexico's airport project can become a successful AeroMetropolis as it has the scale and volume, if planning and efficiency can be achieved and we can help to achieve it."

With these significant airport projects and investment plans, Airport Solutions Mexico will provide a much needed platform for the burgeoning Airports industry in Mexico and Latin America; bringing together the entire buying chain of the Mexican and Latin American airport solutions industry.

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SECURITY, SAFETY & FIRE PROTECTION

industry in the Middle East projected to grow to

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billion

THINK SAFETY





H.H. Sheikh Mansoor bin Mohammed bin Rashid Al Maktoum, center, gets briefing from the Dubai Police about the latest technology that they use.

DUBAI: Saudi Arabia and the United Arab Emirates will lead the growth in the Middle East market for security, safety and fire protection over the next four years as regional governments and the private sector push for improved technologies to better protect assets, people, businesses and borders.

The research and analyst firm Frost & Sullivan said the Middle East commercial security, homeland security, and fire safety market was worth a combined US\$12.9 billion in 2016, and is estimated to grow 15 percent annually, reaching US\$26.3 billion by 2021.

The firm also stressed at the opening of Intersec 2017 on January 22 which was flagged off by His Highness Sheikh Mansoor bin Mohammed bin Rashid Al Maktoum, who was accompanied by senior government

officials, organisers, and high-ranking representatives from the regional security industry, that regional countries are making rapid strides to upgrade infrastructure and secure their countries.

According to F&S, the Middle East commercial security market, which includes intruder alarms, CCTV surveillance, electronic locks, perimeter protection, door alarms, access control and identification systems, is expected to be worth US\$10.2 billion by 2020, growing annually by 24 percent from its US\$3.8 billion value in 2015.

Similarly, the region's homeland security market is forecast to grow annually by 21 per cent up to 2020, with market revenues increasing to US\$34.2 billion, driven predominantly by investments in critical infrastructure, major events, and the need to counter perceived threats.

F&S also pointed out the Middle East Building Automation market is anticipated to grow 7.32 percent

annually with a revenue projection of US\$ 560.5 million by 2020. Saudi Arabia and the UAE, with their large projects on housing and commercial construction, will drive demand for smarter and control-enabled buildings.

Fire protection also has huge growth potential, with the Middle East's fire safety market estimated to grow annually by 12.5 percent from 2012 to 2020. During this period, the market will grow from US\$1.6 billion to US\$4.2 billion, making it one of the world's largest fire safety markets.

Consultancy firm 6Wresearch separately said the GCC's fire safety systems market was worth US\$1.36 billion in 2015, with Saudi Arabia (US\$598.4 million), and the UAE (US\$394.4 million) comprising 73 percent of the regional market.

The other Gulf States of Bahrain, Qatar, Oman, and Kuwait accounted for US\$367.2 million (27 percent).

6Wresearch said Saudi's fire safety systems and equipment market is



FEATURES



Mr Ahmed Pauwels-CEO
Messe Frankfurt Middle East

projected to grow six percent annually from 2016 – 2020. By 2022, the market is estimated to be worth US\$632.2 million, attributed to a recovery in the construction and real estate verticals.

Stringent regulations in place

The analyst firms pointed out stringent government regulations will largely fuel demand for fire equipment upgrades.

Other factors driving regional demand for new fire safety systems include government and transportation sectors, residential, retail, and hospitality verticals, while Saudi's Vision 2030 and the upcoming Dubai Expo 2020 in the UAE is also likely to boost further growth.

At Intersec, the world's leading exhibition for security, safety, and fire protection, authorities unveiled the new UAE Fire and Life Safety Code.

“Ongoing investments in the commercial, retail, industrial, hospitality, and the healthcare sectors, combined with upcoming high profile international events, means growth is the buzz word across all sectors in the GCC, and this also applies to the fire safety market,” said Ahmed Pauwels, CEO of Messe Frankfurt Middle East, the organiser of Intersec, and Intersec Saudi Arabia.

“Improvements in the enforcement of fire codes in the construction sector and the constant need for fire

protection and life safety means the GCC's fire safety market is estimated to grow annually by 14-16 percent to reach US\$3.15 billion by 2020.

“This robust demand for the latest equipment, fire protection and firefighting systems is reflected in the strong growth in the Fire & Rescue section at Intersec, while Intersec Saudi Arabia too will host the biggest names in the fire protection market,” added Pauwels.

Oil & Gas is another key sector for the fire protection industry, and will be a key target area for some companies.

In its 19th edition, Intersec 2017 featured more than 1,300 exhibitors from 58 countries spanning over 55,000 sqm of exhibition space, registering a 10 percent growth over the previous year.

With more than 580 exhibitors, Commercial Security is the largest section at Intersec 2017. It featured two-thirds of the world's top 50 security solutions players on board, including Hikvision, Bosch, Dahua, Assa Abloy, Tyco, FLIR, Hanwha Techwin, Axis Communications, Avigilon Panasonic, Infinova, IDIS, and Milestone Systems.

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FEATURES

Mumbai

gets new export heavy and bonded cargo terminal

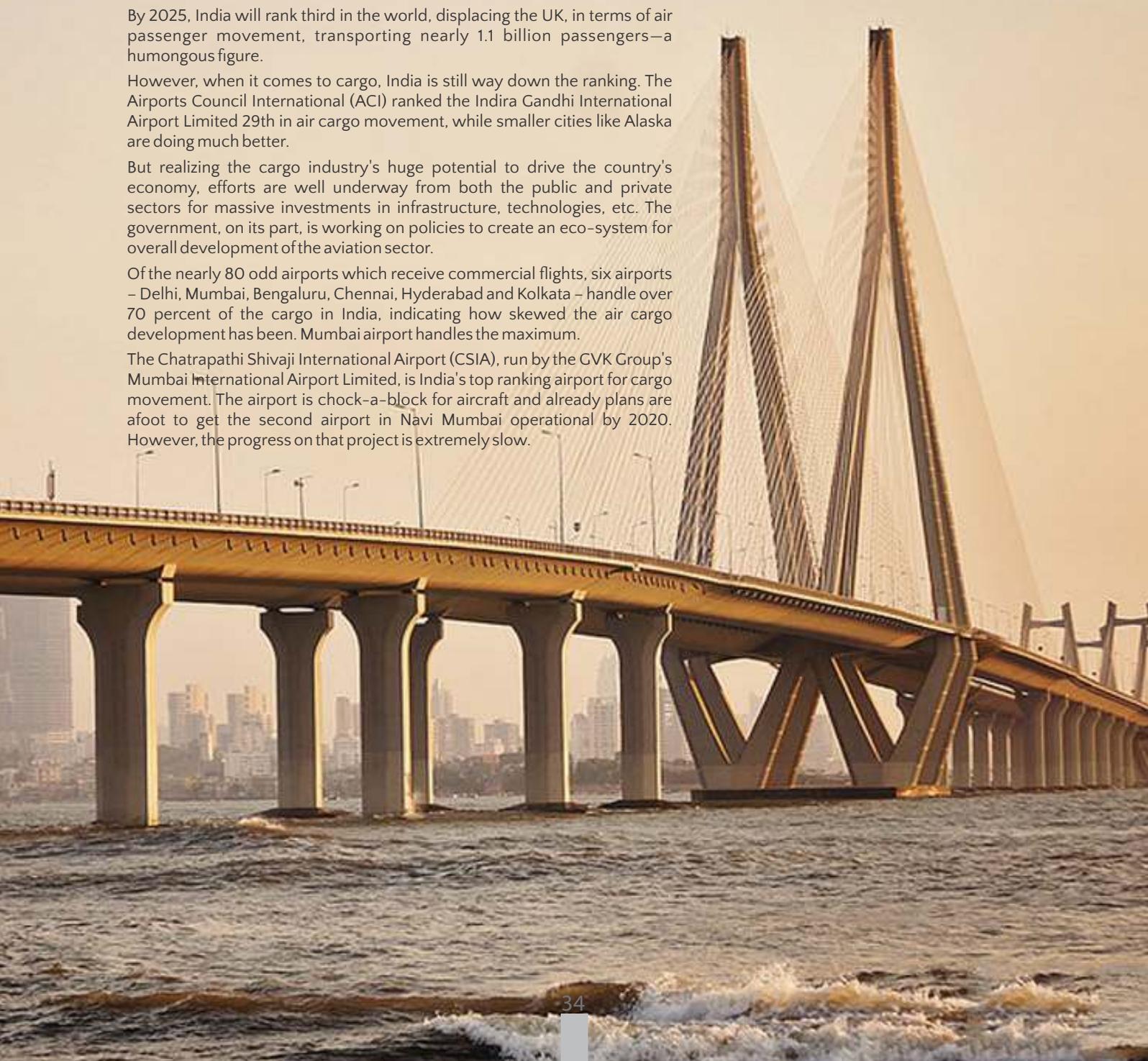
By 2025, India will rank third in the world, displacing the UK, in terms of air passenger movement, transporting nearly 1.1 billion passengers—a humongous figure.

However, when it comes to cargo, India is still way down the ranking. The Airports Council International (ACI) ranked the Indira Gandhi International Airport Limited 29th in air cargo movement, while smaller cities like Alaska are doing much better.

But realizing the cargo industry's huge potential to drive the country's economy, efforts are well underway from both the public and private sectors for massive investments in infrastructure, technologies, etc. The government, on its part, is working on policies to create an eco-system for overall development of the aviation sector.

Of the nearly 80 odd airports which receive commercial flights, six airports – Delhi, Mumbai, Bengaluru, Chennai, Hyderabad and Kolkata – handle over 70 percent of the cargo in India, indicating how skewed the air cargo development has been. Mumbai airport handles the maximum.

The Chatrapathi Shivaji International Airport (CSIA), run by the GVK Group's Mumbai International Airport Limited, is India's top ranking airport for cargo movement. The airport is chock-a-block for aircraft and already plans are afoot to get the second airport in Navi Mumbai operational by 2020. However, the progress on that project is extremely slow.





FEATURES

Mumbai is not taking things in stride. It will soon launch in MIAL the first-of-a-kind cargo terminal in India for bonded and heavy export cargo.

The new export facility will enhance Mumbai International Airport Limited's (MIAL) export handling capacity by adding 3 million tons of cargo per annum.

Spread over 7,500 square meters, the state-of-the-art facility provides exclusive handling for heavy, odd-size and bonded cargo. The facility provides a one-stop solution for bonded cargo handling with dedicated channel for cargo admittance, X-ray screening and palletization.

The new process management deployed, along with incremental export capacity, will reduce the dwell time to a considerable extent. While the export of light consignments will continue to be handled at the existing export terminal, commissioning this facility will enhance the terminal's infrastructure, stimulating further growth in export volumes at MIAL.

The new facility will complement the existing Export Unitization Zone by increasing efficiency through faster admittance of cargo, swift turnaround of vehicles and overall reduction in handling dwell time with new process management. With this additional facility, CSIA will now have 50 truck docks to serve export cargo.

Dwell time reduced

The dwell time at the new terminal at the country's busiest airport will be reduced by up to 50 per cent. Being a preferred destination for air cargo exports in the western region, MIAL, with this new investment—an essential part of the airport's Cargo Master Plan, will not only help shippers to transport cargo more efficiently from the airport but also extend the necessary infrastructural support required.

Recently, MIAL handled record breaking air freight with 47,761 tons of international freight and 20,336 tons of domestic freight in the month of October 2016. The overall cargo

throughput registered a strong growth of six percent with 68,097 tons of cargo handled in the month October 2016.

Nearly 20 airlines operate

The airlines which operate out of CSIA are Air France, Martin Air, Air Mauritius, Air Arabia, Air China, Aerologic, British Airways, Blue Dart, Bangkok Airways, Cargolux, Cathay Pacific, El-Al Airlines, Etihad Airways, Emirates, Ethiopian Airlines, Federal Express (FedEx), Go Air, GulfAir, IndiGo, Iraqi Airways, Iran Air, Jet Airways, Kenya Airways, Lufthansa Airlines, Malaysia Airlines, Oman Air, Qatar Airways, Royal Jordanian, Saudi Arabian Airlines, SpiceJet, Singapore Airlines, Swiss International Airlines, Srilankan Airlines, Turkish Airlines, Virgin Atlantic, United Parcel Service (UPS) and United Airlines.

GVK-MIAL on modernisation path

GVK - MIAL is one of the custodians of the Air Cargo Terminal. Since 2006, as part of modernization of the Air Cargo Terminal, MIAL has brought significant developments in infrastructure, improvements in process and efficiency with an endeavour of benchmarking facilities and services with global standards.

The company's efforts to offer a world-class experience to its customers continue with the proposed Cargo Master Plan which includes state-of-the-art projects and high level automation. GVK's approach towards modernization has always complemented its endeavour to maintain a market leading position in the Indian air cargo industry.



The figure re-establishes the airport's strength and success in the air cargo domain.

GVK CSIA has received the Cargo Recognition Award from Swiss World Cargo for its Swiss Air Mumbai Airport station which has been rated as the best in quality and performance in the entire global network.

It also bagged the "Best Cargo Airport of the Year 2013 (Region-India)" award presented by Stat Trade Times in the Air Cargo India - 2014 convention.

On 3rd May, 2006, MIAL was appointed as an independent custodian of Mumbai. As a custodian, MIAL looks after all the air cargo terminal handling including exports and imports.

Export activities include acceptance of cargo, weight & volume check, facilitation for customs examination, unitization, documentation and handover of built-up ULD's to the Ground Handling Agent.



FEATURES

Cargo traffic at MIAL from 2007-16

Cargo Traffic									
(in '000 tonnes)	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16
Domestic	159.7	151.3	174.2	199.8	190.3	182.4	181.1	207.7	209.0
International	373.8	378.6	408.5	470.4	467.2	452.7	467.6	486.5	496.2
Total Cargo	533.5	529.9	582.6	670.2	657.5	635.2	648.7	694.3	705.2
Growth Y-o-Y (%)		-0.7	9.9	15.0	-1.9	-3.4	2.1	7.0	1.6

% of Cargo handled by MIAL in comparison with all Airports									
Domestic	28.1	27.4	25.3	23.4	23.4	23.3	21.7	21.1	20.0
International	32.6	32.9	32.1	31.4	31.8	32.2	32.4	31.5	29.9
Total	31.1	31.1	29.7	28.5	28.8	29.0	28.5	27.5	26.1



Import activities include receipt of cargo ULD's from the Ground Handling Agent, breakdown of ULD's, segregation of cargo, irregularity reporting, binning, facilitation for customs examination and physical delivery. Export and Import warehouse include storage facilities for all kinds of cargo including special cargo like perishables, dangerous goods, cargo requiring temperature control, valuables, live animals, & heavy/odd-sized cargo.

To electronically interact with its trade partners, MIAL has acquired a tailor-made Custodian management

MIALAIRXchange).

With the introduction of the GHA application, MIAL is now capable of exchanging all the IATA C2K messages with the airlines. GMAX is a unified electronic platform that will strengthen digital interface between the cargo terminal operator and all air cargo stakeholders including customs, customs brokers, airlines, consolidators, break-bulk agents, shippers/consignees and other statutory bodies.

With the new bonded terminal, the airport is really catering to the growing

system (GALAXY). MIAL has further enhanced the capability of the IT application through introduction of Ground Handling Application (GHA) and GMAX (GVK

demand of the cargo community. As the demand increases for cargo movement, the airport will have to further reinvent itself, till such time the Western region thinks of airport alternatives.

Terminal key features

The key features of the terminal are - Truck dock and dock levellers; Heavy weighing scales (includes 30 MT capacity weighbridge); Dedicated documents acceptance area; Dedicated customs examination area; Seven X-Ray machines; Dedicated material handling equipment; Hydraulic pallet trucks & Forklifts; 24x7 Security with CCTV Surveillance Cameras; and Spacious palletization area. The 30 tonne capacity weighbridge in exports is also capable of generating IATA standard airline ULD tags.

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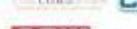
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Messe München aims for more in 2017

Messe München holds about 40 trade fairs annually for industrial goods, consumer goods and new technologies. Separately, it holds 14 international trade fairs in various countries and cities.





FEATURES

Germany's Messe München, one of the world's leading trade fair organizers, capped 2016 on a high note with Bauma, the biggest construction show in the world included, bringing its estimated earnings to at least €400 million.

Gerhard Gerritzen, Messe München Deputy Managing Director, told Air Cargo Update Bauma (International Trade Fair for Construction Machinery, Building Material Machines, Mining Machines, Construction Vehicles and Construction Equipment) and the company's separate transportation and logistics events held in China, India and Istanbul, have done well despite the many economic challenges in 2016.

"In general, 2016 was a very successful year for our company. We had Bauma. We expect a turnover of about €400 million. Our China transport event was successful. We were able to increase our number of visitors," said Gerritzen.

And while many events in Turkey were canceled due to security concerns, Messe München International (MMI), organizer of the worldwide leading exhibition transport logistics in Munich, and EKO Fair from Turkey, the strongest organizer of shows for the logistics sector in the region, successfully jointly held logitrans, the international trade fair for logistics and transport last November 16-18, 2016.

The event held in Istanbul, Turkey, which aimed to bridge between European, Asian and Russian markets in the logistics and transport sector, drew a good crowd turnout despite the odds.

"A lot of shows in Turkey were canceled but logitrans was in a good condition. We, as well as the exhibitors, were satisfied with the number of visitors and the quality of visitors. We had a good feedback," said Gerritzen.

Widening reach

The company, which humbly traces its roots in a small trade fair in 1964, had transformed itself into a major



München held the Bauma ConExpo India, which took place in Delhi, bringing in some 647 exhibitors from 30 countries and drawing in an audience of over 31,000.

"For the next two years, we are focusing on the Indian and the US

international fair trade organizer with the Free State of Bavaria and the City of Munich as partners.

In 1998, it moved its hub in Munich where it currently maintains the Messe München trade-fair center, the ICM Internationales Congress Center München and the MOC Veranstaltungszentrum München. It will soon have two more exhibition halls and a new conference center at the complex.

Messe München holds about 40 trade fairs annually for industrial goods, consumer goods and new technologies. Separately, it holds 14 international trade fairs in various countries and cities.

Gerritzen said this 2017, the company wants to step up its activities outside of Munich with expansion plans targeted in the United States and India, an emerging economic powerhouse.

In December of 2016, Messe

markets," said Gerritzen who has been in the industry for nearly three decades.

"The Indian market is fast developing. If you traveled there 10 years ago, you will now note that there have been major changes. For us, Mumbai is our first step in India. Maybe in the future we could open up more shows in other places around the country," he added.

Two major IT and transport events have been lined up in Atlanta, Georgia and India in 2018.

The executive said there are reasons to be optimistic in 2017 despite the challenges as the world economy is showing signs of rebound largely fueled by e-Commerce.

"All sectors face big competitions. We believe that we will also see some changes in the future related to new opportunities that will be driven by the demand on the internet," said Gerritzen.



AI-powered Mercedes-Benz Actros truck ahead of its game

This truck has safety features designed for extreme weather conditions and difficult situations like a near collision with another vehicle, an animal, a human or any object on the road that could be avoided.

Germany's Mercedes-Benz is known for many breakthroughs. It was the world's first car invented in 1886 by Carl Benz, setting the pace for the global multibillion motoring industry.

It was the first to introduce the multivalve engine in 1910 and the crash-testing program in 1958. The first to use the airbag for passenger safety and the list goes on.

It is also credited for introducing the anti-lock braking system (ABS) in 1978 which helps the driver retain steering control under heavy braking by preventing wheel lockup, an automotive safety

milestone that served as the fundamental element of countless future breakthroughs.

Setting the pace

This year, the Mercedes-Benz Trucks MENA launched the special edition Actros truck to mark its flagship heavy-duty truck model's 20th anniversary.

The company has sold more than



TRUCKING

100,000 trucks in the region over the past two decades and some have already traveled multimillion miles yet are still in good running condition.

The special edition Actros truck has state-of-the-art artificial intelligence (AI) safety features designed for extreme weather conditions and difficult situations like a near collision with another vehicle, an animal, a human or any object on the road that could be avoided.

The Active Brake Assist system operates with three radar beams, which constantly scan an area of 1 to 200 meters ahead of the truck. Radar detection of a collision with a moving obstacle would result in the driver being given a visual and audio alert by the system.

Depending on the severity of the situation, the system will react with a partial braking maneuver & if necessary, even initiates an emergency braking to standstill.

Thus, the Active Brake Assist helps to avoid dangerous rear-end collisions, for instance at the end of a traffic jam, and minimizes the impact for occupants in case a collision is inevitable.

"The launch of the 20 Years Actros Edition is yet another milestone in the success story of our iconic flagship truck in the MENA region. The model's state-of-the-art safety features and the highly fuel-efficient drive train underline the technological leadership of Mercedes-Benz Trucks. The Actros provides the ideal product solution for customers seeking the highest safety and efficiency standards," said Roland Schneider, President & CEO of Daimler Commercial Vehicles MENA.

HIGH-TECH FEATURES

Accident prevention is also assisted by the Bluetooth radio enabling hands free use of a mobile phone whilst driving.

The truck's Fleet Board telematics system provides not only vehicle tracking, trip recording and professional fleet management, but also continuous analysis and rating of driver and vehicle performance, enhancing the operational excellence of the truck.

Further specifications include the powerful engine & transmission cooling system, air intake on the upper side of the cab & a tandem air cleaner that provide outstanding robustness

and reliability even under the MENA region's extreme climate conditions.

The Actros 20 Years Edition also features a performance optimized hydraulic retarder, an additional braking system ensuring highest levels of braking performance with no wear of brakes and brake linings.

It also features further safety systems, such as a Driver Airbag, a Telligent Proximity Control and Telligent Lane Assistant. Telligent Proximity Control automatically adjusts the speed of the truck according to the traffic situation, constantly analyzing the distance of vehicles driving in front of it.

Additionally, if a sudden obstacle appears, such as a vehicle changing lanes, the driver is warned both visually and audibly.

All features of the Actros 20 Years Edition are available from the Mercedes-Benz Trucks factory in Woerth/Germany, and can be ordered through the authorized Mercedes-Benz Truck distributors across the MENA region.

Professional driver training is offered by Mercedes-Benz and its General Distributors to instruct fleet managers and drivers on how to operate the truck and its features focusing on maximum safety & efficiency.



With Emirates Motor Company (EMC), the company's authorized distributor in the emirate of Abu Dhabi, the special edition truck was unveiled at Endurance City on January 18, 2017 with a live demonstration of the Actros 3844 S 6x4 tractor-head model and of its state-of-the-art equipment and innovative safety systems by professional Mercedes-Benz driver trainers from Germany and the Training and Product Management team of Daimler Commercial Vehicles MENA.

Powered by a highly fuel-efficient 6-

cylinder engine (Euro 3) boosting 435 horsepower and 2,100 NM of torque, the heavy-duty truck delivers great performance thanks to the power transfer to the two driven rear axles via a twin-plate clutch and the reliable and efficient 16-speed Mercedes PowerShift automated gearbox.

Mercedes Power Shift provides specific driving modes that support the driver in mastering all traffic situations with ease and convenience, thus, facilitating the driver's level of concentration.

The company's innovations continue, leading its trucks on top of their game.



AIRLINES

Qatar's HIA becomes 6th airport in the world to get 5-Star rating



DOHA: Hamad International Airport (HIA) has joined Singapore, Seoul, Hong Kong, Tokyo-Haneda and Munich as the world's only airports with 5-Star Airport rating.

HIA is the 6th airport and the first in the Middle East to receive the '5-Star Airport' designation by Skytrax, the London-based aviation institute and the gold standard for conveying the passenger's voice in airport and airline rankings.

The 5-Star Airport rating recognizes those airports providing excellent facilities for customers combined with high quality airport staff service. Airport Quality ranking covers frontline areas for departures, arrival and transfer, including airport facilities, customer

service, security, immigration, shop outlets and food and beverage facilities.

This recognition is particularly timely as it comes after a year of reaching a number of strategic milestones at HIA, including the introduction of its iBeacon enabled mobile app, the launch of the Smart Airport features in the terminal, the operation of the dual passenger train shuttle to concourses D and E and the opening of multiple duty free stores.

Moreover, HIA has continued to work closely with Qatar Museums adding multiple international and local art installations across the terminal.

"Hamad International Airport was designed and built in the modern era, taking into account what passengers want most - convenience and service.

HIA more than exceeds passenger expectations by providing what passengers want in an environment that is beautiful, thoughtful and welcoming," said Qatar Airways Group Chief Executive, His Excellency Mr. Akbar Al Baker.

Qatar's main airport currently serves more than 30 million passengers every year but is poised to grow the traffic to 50 million annually.

The airport boasts of world-class Qatar Duty Free premium stores, 12 lounges, an Airport Hotel, lots of amenities including Vitality Spa, squash courts and a swimming pool.

"The airport experience is designed to be as memorable as the journey," said Al Baker.

Oman Air now has 161 weekly flights to India



MUSCAT, Oman: Oman Air, the national carrier of the Sultanate of Oman, increased its weekly flights to India from 126 to 161 with more flights added to key cities around the country starting February.

Mumbai, Delhi, Calicut and Hyderabad

will be operated with 21 weekly flights each, and Lucknow with 14 weekly flights.

Chief Executive Officer of Oman Air, Paul Gregorowitsch, commented: "India is a key destination for Oman Air and we are delighted to be offering thousands more guests the opportunity to travel between Oman and India (and beyond). The demand

for all 11 of our Indian destinations has always been high and the increased frequencies offer yet more choice and convenience to our guests."

Oman Air first launched flights to India in the 1990s and since then the demand for

seats to the route has grown exponentially for both business and leisure travelers, the CEO noted.

"The extended traffic entitlements will give a further boost to the tourism sector, prompting many discerning tourists to visit magnificent Oman as well as India's beautiful touristic spots. The bilateral trade and investment opportunities between the two countries are even further encouraged," added the CEO who expressed thanks to both the governments of India and Oman for their support.

Oman Air is embarking on fleet and network expansion. The plan includes the delivery of new aircraft and the introduction of a range of exciting new destinations and new products and services which contribute to a seamless passenger experience.

NORDIC AIR CARGO SYMPOSIUM 2017

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The Nordic Air Cargo Symposium has been established as the premium air cargo event where shippers and major industry players meet to learn and network. It is the only regional event focusing on the North European air cargo market, bringing together cargo operators, forwarders, integrators, shippers, airlines, airports, investors, entrepreneurs, suppliers and many more.

The 10th Nordic Air Cargo Symposium will focus on the impact of e-commerce for the traditional transportation industry, logistics infrastructure, latest trends in pharma logistics, Norways salmon & seafood market and much more. Attend the Symposium and you will receive critical market insights and develop new connections.

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AIRLINES

Qatar, Emirates & Etihad among top 10 safest in the world

HAMBURG, Germany: Qatar Airways, Emirates Airlines and Etihad Airways are among the safest airlines in the world based on the findings of the Jet Airliner Crash Data Evaluation Centre's Airline Safety Ranking 2017 study.

The Jet Airliner Crash Data Evaluation Centre or JACDEC is a global source for professional and accurate aviation safety information for the benefit of companies, aviation professionals and individual travellers.

The center said airlines based in Asia and the Middle East continued to dominate the list of carriers with the best safety track record in 2016.

Qatar Airways, placed 4th on the rankings while Emirates and Etihad ranked 7th and 8th, respectively.

The Hong Kong-based Cathay Pacific topped the list as the carrier with the best safety record, followed by Air New Zealand, Hainan Airlines (Third), Qatar Airways (Fourth), KLM from the Netherlands (Fifth), Eva Air from Taiwan (Sixth), followed by Emirates

RANK	AIRLINE	CODECS	COUNTRY	INDEX
				2016
1	Cathay Pacific Airways	CX, CPA	China, Hong-Kong	0,005
2	Air New Zealand	NZ, ANZ	New Zealand	0,007
3	Hainan Airlines	HU, CHH	China	0,009
4	Qatar Airways	QR, QTR	Qatar	0,009
5	K L M	KL, KLM	Netherlands	0,011
6	EVA Air	BR, EVA	Taiwan	0,012
7	Emirates	EK, UAE	United Arab Emirates	0,013
8	Etihad Airways	EY, ETD	United Arab Emirates	0,014
9	QANTAS	QF, QFA	Australia	0,015
10	Japan Airlines	JL, JAL	Japan	0,015
11	All Nippon Airways	NH, ANA	Japan	0,016
12	Lufthansa	LH, DLH	Germany	0,016

and Etihad; Qantas from Australia (Eighth) and Japan Airlines (Tenth). WAM



Turkish Airlines now serve Havana & Caracas

ISTANBUL, Turkey: Turkey's flag carrier has begun flights serving two major destinations in Latin America—Cuba's Havana and Caracas in Venezuela.

The new routes launched in December bring to 17 Turkish Airlines' total flights to America and globally to 295 in 119 countries.

Havana and Caracas flights will be operated 3 times per week on Tuesdays, Thursdays, and Sundays in both directions.

The airline has already direct flight services to Buenos Aires, Sao Paulo, Bogota, Panama, Toronto, Montreal, Chicago, Houston, Los Angeles, New York, Washington, Boston, San Francisco, Miami and Atlanta.

Mehmet Büyükeki, Member of the Board of Turkish Airlines, said both Havana and Caracas are important routes for travelers in the continent.

Air India offers extra baggage to keep competitions at bay



MUMBAI, India: The financially troubled Air India now offers economy class passengers bound for the Mumbai-Delhi flights free check-in baggage of as much as 40kg and those in business class up to 50kg.

The move is the first-of-its-kind deal for domestic traveling in India which many see as the flag carrier's move to win more customers.

Domestic carriers normally take only as much as 15kg free baggage check-in. Anything in excess must be paid for.

The government-owned Air India uses a B747 aircraft for the Mumbai-Delhi flights.

Air India Chairman Ashwani Lohani vows to make the company profitable and is seeking new loans to initiate new innovations. The airline eyes more routes and is planning to add at least 35 new planes this year to its fleet of 85.



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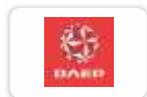
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DXB is world's top airport with 83.6M passengers in 2016

DUBAI, UAE: Dubai International kept its title as the world's number one airport for international passengers after near record numbers in December propelled the hub's annual traffic to 83.6 million passengers in 2016.

According to the annual traffic report issued by operator, Dubai Airports, the figure marks a 7.2 percent increase compared to the 2015 record of 78,014,838 passengers.

The monthly passenger traffic at DXB breached the 7-million mark six times in 2016.

During 2016, a number of new airlines, including Nepal Airlines Corporation and Rossiya, launched services to DXB, while 11 new passenger destinations were added to the hub as a result of network expansion by flydubai, Emirates and other international carriers.

Spurred by capacity increase and the launch of new services by Spice Jet, Jet Airways, Air India and other carriers, India continued to lead as Dubai's single largest destination country for the full year with 11,440,215 passengers in 2016, up 10.1 percent compared to 10,391,376 in 2015.

Saudi Arabia took the second spot with 6,086,158 passengers (+11.3 percent) just marginally overtaking the UK at 6,061,342 (+6.7 percent).

In terms of destination cities connected to DXB, London took the



top spot from Doha with 3,751,596 passengers, while Doha clocked 2,999,762 passengers followed closely by Mumbai with 2,357,103 passengers.

In terms of percentage growth in 2016, the top regions were Eastern Europe (17.5 percent), spurred by ongoing growth on routes to the region and network expansion by Emirates, flydubai and other airlines, Asia (11.4 percent), and the Indian subcontinent (9.5 percent).

DXB also leads the way globally in terms of the average number of passengers per flight which reached 209 during 2016, up 4 percent from the same period in 2015. The average number of passengers per flight during December 2016 was 224, up 7.1 percent compared to 209 recorded in December 2015.

Aircraft movements in 2016 reached 418,220 compared to 406,705 in 2015, up 2.8 percent. Monthly aircraft movements in December 2016 totalled

36,065, up 1.6 percent compared to 35,491 movements during the same month in 2015, an increase of 5.9 percent.

After registering contraction throughout the third quarter, cargo volumes recovered in the last three months of 2016, rounding off the year with 2,592,454 tons in freight, up 3.4 percent compared to 2,506,092 recorded during 2015. DXB handled 230,122 tons of cargo in December 2016, an increase of 5.4 percent compared to 218,408 tons recorded during the same month in 2015.

Commenting on the announcement, Paul Griffiths, CEO of Dubai Airports, said, "After emerging as the world's number one airport for international passengers in 2014, DXB has firmly established itself as the leader in that category. With our new forecast for 89 million passengers in 2017, DXB is closing the gap on Atlanta and Beijing for the top spot in overall traffic.

Munich Airport to expand Terminal 1

MUNICH, Germany: Munich International Airport will expand Terminal 1 to accommodate at least 6 million more passengers every year.

Construction work is planned to begin in 2018 and the new pier is projected to go into operation by 2022.

Munich Airport will spend at least €400 million for the project which involves the construction of a new pier and a new central building complex that will give it an added capacity equivalent to the annual traffic of a mid-sized German airport like Hanover.

"This will help Bavaria's gateway to the world remain competitive and keep pace with growth in passenger demand. And after all, Munich Airport's ability to fulfill its mission will be crucial to Bavaria's attractiveness as a place to do business in the future," said Dr. Markus Söder, the Bavarian finance minister and chairman of Munich

Airport's supervisory Board.

The new pier will be linked to the existing A and B modules of Terminal 1 and will extend 320 meters into Munich Airport's western apron.

It will have stands to handle up to 12 aircraft, including two equipped for Airbus A380 super jumbos. The overall architectural design is based on a three-level structure consisting of a core adjoining the existing Terminal 1 and a pier. At the apron level, the baggage claim area and departure gates for non-pier side aircraft will be located.

The level will be connected to the existing terminal at Module B. The core building will contain the central security and passport control facilities and a marketplace with high-quality dining and retail offerings. The departure gates, inside the pier, will also be on this level.

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Gulf Air moves Cairo operations to Terminal 2



M A N A M A , Bahrain: Gulf Air moved in January its scheduled twice a day flights between Bahrain and Egypt to Cairo International Airport's newly-opened Terminal 2.

Gulf Air Chief Executive Officer Maher Salman Al Musallam said the

move is envisioned to give passengers more comfort and convenience as the new terminal offers state-of-the-art facilities and access to technology. "We are delighted to commence operations to and from Cairo International Airport's recently-opened Terminal 2- further facilitating and enhancing

passenger movement and comforts on the ground. All passengers travelling with Gulf Air can now enjoy a modern, efficient and passenger-friendly facility in Terminal 2. With the broad scope of facilities on offer we anticipate our passengers will be delighted with all that the terminal has to offer," Al Musallam said.

Gulf Air, Bahrain's flag carrier, has been flying to Egypt since 1974. Its multiple daily flights between the countries are crucial to a vibrant trade and business activities among their people. The route also offers passenger connectivity, via the Bahrain International Airport, to and from key destinations in the GCC region, Indian Subcontinent and Europe.

move is envisioned to give passengers more comfort and convenience as the new terminal offers state-of-the-art facilities and access to technology.

"We are delighted to commence operations to and from Cairo International Airport's recently-opened Terminal 2- further facilitating and enhancing

Kerala tightens security at airport after tourist commits suicide

Thiruvananthapuram, India: The Airport Authority of India has stepped security measures at the Trivandrum International Airport after a Russian tourist jumped off from the reserved lounge of its multi-storey terminal on Republic Day.

Around 160 CCTV cameras will now be installed and operated at Terminals 1 and 2 of the airport which will be constantly monitored.

Airport Director George G Tharakan said the unfortunate incident calls for more stringent security measures to be put in place.

"The installation of additional CCTV cameras is part of the several upgrade projects being implemented at the airport as per the directive from AAI headquarters. It is the only option to enhance security in the terminals and will help prevent any such future incidents," the media quote the official as saying.

The 30-year-old victim's body has been flown repatriated to his home country, Russia.

Europe accounts for 68.87% of Morocco's air traffic in 2016



RABAT, Morocco: Europe fueled much of the growth posted in Morocco's air traffic for 2016 with passengers passing through the Moroccan airports en route to various destinations reaching over 18 million.

Morocco's National Airports Authority (ONDA) announced the number of passengers passing through the Moroccan and European airports reached over 12 million during the period, accounting for 68.87 percent of the country's total air traffic in 2016.

Those traveling to cities across the Middle East via Morocco also increased to 1.4 million from only 1.252 million in 2016. Travelers bound for North America and South America also slightly increased.

Domestic traveling in Morocco also grew by 8.76 percent in 2016 to 1.9 million passengers, indicating the country's robust aviation industry.



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EXECUTIVE MOMENTS

DiCastrì is Royal Jet's new president & CEO



DUBAI: A forward-thinking global senior executive with over 25 years of International leadership in aviation and hospitality and a sought-after management consultant to leading corporations in various industries, Rob DiCastrì, has been named as the new president and CEO of RoyalJet.

DiCastrì's experience includes more than 10 years in the Middle East, where he played a key role in establishing National Air Services (flynas) / Net Jets Middle East (now NasJet) in Saudi Arabia as CFO and Head of Strategy.

DiCastrì holds a Bachelor's Degree in Business Administration from Simon Fraser University in British Columbia, Canada and has a Chartered Accountant designation from the Canadian Institute of Chartered Accountants.

Young Oman entrepreneurs win 2016 FedEx Access Award

DUBAI: A team of young Arab entrepreneurs from Oman won the 2016 FedEx Access Award, besting 20 other groups from across the MENA region.

FedEx Express, a subsidiary of FedEx Corp. (NYSE: FDX) and the world's largest express transportation company, said the 2016 FedEx Access Award recognizes talented young individuals who have entrepreneurial mindsets and excellent start-up ideas. The award was presented to Bellora. The company is built around the concept of recycling economically valuable waste to produce an organic product that saves water, time and money by reducing the use of irrigation and fertilizers.

INJAZ Al-Arab, a member of Junior Achievement (JA) Worldwide, hosted the 10th edition of the Young Arab Entrepreneurs competition in Bahrain, with 20 teams of young Arabs

participating from across the MENA region.

Since 2007, FedEx has implemented the FedEx Access Seminars and Awards, teaching high school students how to build enterprises capable of accessing global markets.

FedEx team members work with students to design companies that can expand across international borders, create jobs and incorporate sustainable business practices

"FedEx is built on global connectivity and we understand deeply the importance of access. We are



committed to improving access for young leaders to gain the knowledge and skills they need to succeed in their academic and professional lives," said David Ross, president of FedEx Express Middle East, Indian Subcontinent and Africa. "Supporting today's youth in their entrepreneurial aspirations is a key step to creating a future sustainable business environment."

CEVA appoints Rodriguez as MD for Australia & New Zealand



HOOFDDORP, THE NETHERLANDS: CEVA Logistics, one of the world's largest supply chain management companies, has announced the appointment of Carlos Velez Rodriguez as Managing Director for its Australia & New Zealand cluster.

Based in Melbourne, he will report to the company's Chief Executive

Officer, Xavier Urbain.

aVelez Rodriguez joins CEVA from FM Logistic where he was Group Managing Director Central Europe for the last decade and led a team of 5,000 individuals. He has a proven track record in the logistics sector and has held a number of commercial roles at companies in Europe, the USA and Latin America. Born in Colombia, he is an Austrian citizen. His appointment is effective immediately. Commenting on Velez Rodriguez's arrival, Xavier Urbain says: "I am delighted to have someone of Carlos's caliber to lead our operations in Australia & New Zealand. His extensive industry knowledge, experience in leading large organizations and his collaborative style make him an excellent successor for this critical role in this important cluster."



Seamless connectivity even at high altitude is the new norm

With even the FM radio booted out of ordinary people's lives first in Norway and soon elsewhere, in favor of the more affordable digital broadcast, seamless connectivity at high altitude will be the new norm for air cargo, aviation and many other businesses to connect to the world in real time.

Honeywell, a Fortune 100 company and a leading name for research and development in aerospace and technology, brought to Dubai's 2016 MEBA Air Show held from December 6-8, 2016 at the DWC Airshow Site, its "flying lab"—a Boeing-757 test bed aircraft.

The plane had completed over 400 flight tests in over 15 countries and had spent over 1700 hours in the air to test latest innovations in softwares connecting aircraft to the internet.

Raghd Talih, sales director for the Middle East at Honeywell Aerospace, said the company prides itself in its innovative products, including softwares and hardwares that offer seamless connectivity.

"Since 2008, Honeywell's flying test aircraft has helped shape modern aviation by testing the most advanced safety, efficiency and performance technologies," he said.

The unique test capabilities of the 757 include Honeywell's industry-leading communications hardware, in addition to the company's most advanced avionics including the innovative Enhanced Ground Proximity Warning System, which hugely reduced Controlled Flight into Terrain accidents from about one in every 3 million flights to less than one in every 20 million flights.



Honeywell Engineers on a test flight

'Time is money'



Raghd Talih

At the MEBA Air Show, Honeywell featured its new CNX-900 Cabin Network Router and software upgrade for the widely installed CNX-200 Cabin Network Router.

Both routers are supported by Honeywell's latest GoDirect routing software, which maximizes available onboard Wi-Fi bandwidth and enables a reliable in-flight wireless connection to provide efficiency and cost savings for business jet operators.

The CNX-900 Cabin Network Router is an upgrade for obsolete routers delivering on next-generation network needs. The new technology offers pilots and operators advanced features such as enhanced security and better bandwidth optimization.

As a result, the CNX-900 provides the latest Wi-Fi technology that allows passengers to download large files, stream videos, link to a virtual private network, and connect more devices to the internet.

While the cost of connecting to the internet while flying may cost more, Talih said commercial passenger airlines can recover their capital through fees and for those belonging to the ultra high-net worth who own private or business jets, connectivity whether on land or air is priceless.

"It's like having a true office in the sky," Talih told Air Cargo Update about the main benefit of seamless connectivity while flying. Technology is bringing speed that was not even available a couple of years back."

"For VIPs, or corporate executives who are flying, it's a very important tool. It might cost them more but the return is priceless. You cannot put a dollar sign on it. Time is money," he added.

About 8,600 new business jets valued at \$255 billion are projected to be sold and delivered worldwide between now through 2026.

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Sheikh Ahmed bin Saeed Al Maktoum, 2nd left, chairman of the Dubai Civil Aviation Authority and CEO & Chairman of the Emirates Group, tours the MEBAA Air Show.





MEBAA Founding Chairman Ali Alnaqbi



Shaesta Waiz, the first Afghanistan female pilot, who founded the Dreams Soar Project.





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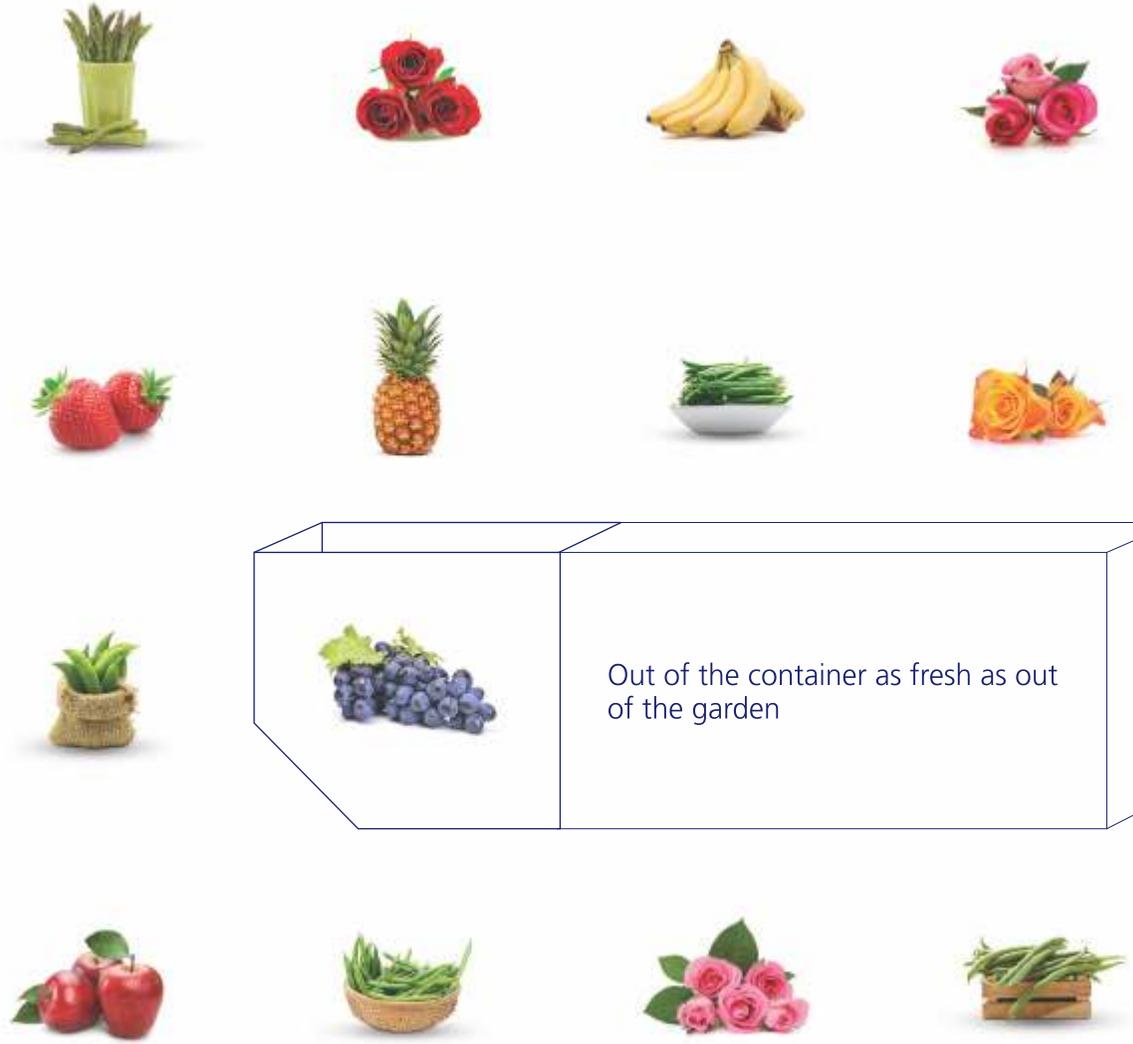
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