

The international guide to business airports, FBOs and ground support partners

Business Airport

I N T E R N A T I O N A L

April 2019

Discover new partners, routes and destinations

EXCLUSIVE

**Interview with
Niclas von Planta,
the new president
of the Swiss
Business Aviation
Association**



CORSIA

Is carbon offsetting the right solution
for reducing your jets' emissions?

In this issue

Flying to Japan

Work is underway to change the negative perception of business aviation in the country

Ground handling

A guide to keeping business jets safe on the ground as well as in the air

Drones

How to reduce the threat that unmanned aerial vehicles pose to your business

Interview: Sino Jet | Case study: Courchevel Altiport
City guide: London | Event preview: EBACE 2019

In this issue...



Arrivals lounge

- 04 New in Milan**
SEA Prime is opening a new business aviation terminal at Milan Malpensa Airport
- 08 Safety first**
NBAA highlights its safety focuses for 2019
- 10 EBACE 2019**
The conference sessions you can't miss at this year's event

On the web

- Eric Wells, president of on-demand jet charter service Private Jets Inc., reflects on the FAA's efforts to combat illegal charter operations
- Does business aviation need supersonic jets? Two industry experts put forward their views

For exclusive interviews and industry opinions, visit www.BusinessAirportInternational.com

Features

- 14 Proud president**
Niclas von Planta, the Swiss Business Aviation Association's new president, shares his views on the industry
- 20 On the rise**
A look into the Japanese business aviation market's potential for growth
- 26 Space invaders**
How can business airports protect themselves from drone attacks?
- 32 City focus**
Your guide to flying to London
- 48 Handle with care**
The latest standards, technology and standards in ground handling
- 56 Rising star**
Business Airport International speaks with Chris Wu, president at Sino Jet Beijing
- 60 Factory fresh**
Is there enough demand for the influx of new midsize jets?
- 66 Mountain views**
Courchevel Altiport's manager discusses the unique challenges of leading Europe's highest air transportation hub



48



60



42

COVER STORY

Aircraft emissions

How is CORSIA set to impact business aviation operators?

Regulars

- 12 **Meet the manager**
Get to know Marie-France Memeteau-Broaly, managing director at Space
- 82 **Media stats**
The latest facts and figures from *Business Airport International*
- 84 **Back chat**
Business Airport International took to social media to find out people's reactions to CORSIA



Profiles

- 71 **Collins Aerospace**
Flight planning apps have become an integral tool for pilots
- 72 **Medavia**
Aviation maintenance needs are catered for in Malta
- 73 **Castle & Cooke**
A look at the company's locations in the USA
- 74 **XLR Birmingham**
Solent Airport offers a breadth of services for business customers
- 76 **Sky Valet**
New launch Sky Valet Connect boosts the company's offering
- 77 **Skylink Services**
Your guide to flying to Cyprus

- 78 **Vinci Airports**
Customer service is the priority for the operator
- 80 **Bangor International Airport**
Customs and border protection services are in operation
- 80 **DC Aviation**
Malta is a perfectly positioned pit stop
- 81 **Mototok**
The company's tugs can facilitate all business jets
- 81 **Cat Air Service**
A celebration of five years in operation



Welcome

Since having children, I have become increasingly aware of the impact humans are having on the environment. Pre-kids me was probably a little selfish. I am unlikely to be around to witness the effects of climate change. But the next generation, my offspring included, will live in a world where it impacts their daily lives. Now, I try to be as environmentally friendly as possible through recycling, smart energy use and walking where possible rather than driving.

There is only so much I can achieve on my own, but if everyone makes small changes, then the impact could be much larger. 'Joining forces' is what the aviation world's recently introduced Carbon Offsetting and Reduction Scheme for International Aviation (CORSIA) program is all about. It is a global approach to tackling emissions produced from flights and the world's first global carbon market-based measure. It is expected to provide over US\$40bn in funding for climate projects, offsetting at least 2.5 billion tons of CO₂ over 15 years.

The collection and reporting of carbon emissions data for CORSIA started in January, however operators won't be expected to begin offsetting until 2021. Read more on how CORSIA affects the business aviation sector in *Watch my smoke* on page 42.

CORSIA is all about carbon offsetting – aircraft operators are required to offset carbon emissions growth by purchasing carbon credits. In March, ICAO established a set of criteria to govern the types of offsets that can be

used for CORSIA compliance to ensure that they truly bring environmental benefits. ICAO also developed rules to ensure the review process is open and transparent.

There is no doubt that CORSIA is a move in the right direction, but there is concern in the industry that it is too little too late. Tim Johnson, director of the Aviation Environment Federation (AEF), believes that the world has already moved on from carbon offsetting to developing new technologies that cut carbon completely. "We can't just assume that continuous offsetting is going to be sustainable," he says.

Johnson's point was echoed in a recent report by the Transition Pathway Initiative (TPI), which claimed that aircraft operators are not doing enough to curb carbon emissions. Co-chair of the TPI Faith Ward said, "Offsetting is no substitute for a clear strategy to reduce emissions, and the International Energy Agency's carbon budget for air transport excludes the use of offsets."

But while aircraft operators wait for the development and wide-scale roll-out of affordable emission-free aircraft, CORSIA enables them to show their commitment to curbing climate change now. It may be a temporary measure, but it illustrates that the aviation industry is taking climate action seriously. The industry's long-term goal is to halve aviation emissions by 2050 (compared with 2005) through new technology, operations and a transition to sustainable aviation fuel.

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SEA PRIME TO OPEN US\$5.7M TERMINAL AT MILAN MALPENSA AIRPORT



SEA Prime is preparing to launch its €5m (US\$5.7m) terminal dedicated to business and general aviation at Italy's Milan Malpensa Airport this June. The new VIP terminal building, called Milano Linate Prime, will feature state-of-the-art facilities for both passengers and crew, covering a total surface of 1,400m² (15,070ft²). The terminal's futuristic polyhedral shape is designed to reflect the structure of a gem.

There will also be a dedicated apron and a 110-space parking lot. An adjacent 5,000m² (53,820ft²) hangar has been renovated to host executive jets, and a full range of dedicated services will be provided directly or through SEA Prime's partners.

Chiara Dorigotti, general manager for SEA Prime, says, "At Milano Linate Prime, we feel we have the perfect ingredients with a dedicated general aviation terminal, 10 hangars and the full range of services for business passengers and aircraft. For these reasons, the new dedicated terminal of Milano Prime in

"The well-being of passengers and crews was the main focal point of the design"

Giuliana Ledda, design leader and associate director, OneWorks



Milan Malpensa Airport

Location: Milan, Italy

Opening hours: 24/7

Runway length: 3,920m
(12,860ft)

Distance from Milan: 7km
(4 miles)

Left: **The single-story building structure resembles that of a gem**

Below: **The terminal's exterior has been designed for a modern and luxury finish**

New at Linate

SEA Prime is also updating its service offering at Milano Linate Prime with the opening of new lounges scheduled for this year. The lounges will span 300m² (3,230ft²) and will strive to make passengers and crews as comfortable as possible as they wait for their flight. Infrastructural development and investments at Milano Linate Prime Terminal will also continue into 2020 with the construction of new hangars.

More than 16,700 business and general aviation flight movements were recorded at the site in the first nine months of 2018, up 2.1% compared with the same period in 2017.

Malpensa is the natural development for our company, creating a brand-new iconic infrastructure adjacent to a hangar in an airport representing the gateway to locations like Switzerland and Lake Como.”

The site is a joint effort between the company's in-house infrastructure management, global design and consultancy firm OneWorks – which is in charge of the project – and De Vincenzo, a construction firm that was awarded the tender for the general aviation terminal work. The apron and parking works have been awarded to Gencantieri, another construction company. The construction works started in September 2018.

Giuliana Ledda, design leader and associate director at OneWorks, comments, “The terminal is a single-floor building designed to offer guests maximum freedom and assistance from arrival to departure. Great attention was given to the view of the building from above, with the shape, color and coating material created with consideration of the perspective of both the pilots and passengers on board an incoming or departing airplane.

“The effect we want to convey is that of a compact volume and the presence of the new terminal from both the ground and in flight. The building is covered in panels of painted aluminum sheets with a mother-of-pearl gray to provide a unique glossy and mirroring effect. This also provides a contrast with the dark color of the external covering to give more light to the entrances for welcoming passengers.”

From the lobby, passengers enter the security checkpoint through a glass wall with sliding doors.

Hangar deal

Cagliari-based Sardinian Sky Service has signed an agreement to base its aircraft at the Milan Malpensa Prime hangar space, additionally working from offices within the structure. The company – which also has a base in Cairo, Egypt – will operate three Cessna Citation XLS aircraft from the hub. Sardinian Sky Service's offerings include corporate and charter transportation worldwide; the management of private and commercial aircraft; brokerage for the acquisition of aircraft; and consulting and logistical support for air transportation.



ARRIVALS LOUNGE



The modern design supports a luxury customer experience

Situated here are also the offices of the state authorities responsible for the control of departing and arriving passengers. They are positioned at the center of the flows to ensure control over all movements in the terminal without creating bottlenecks. The new terminal will also feature five lounges, which SEA Prime partners will have the opportunity to personalize.

“When developing the terminal building, the well-being of passengers and the crews was the main focal point of the design,” says Ledda.

“The ultimate objective for the client, and us as designer, was to welcome customers into a state-of-the-art building that was in line with some of the world best terminals, but at the same time offer a highly functional environment that provides travelers and crew an opportunity to feel completely relaxed and comfortable.”

SEA Prime’s Dorigotti adds, “I feel the new complex will be an accomplishment for all of us, capitalizing on experience, best practice, and what we have learned so far, motivating us to strive for further future developments. For SEA Prime, the investment means further consolidation of its position as market leader in Italy and one of the top players in Europe. This is additionally consistent with the positioning of Milan in Europe.

“Milan is the European capital of contemporary luxury and fashion, attracting visitors with top-quality international events such as Milan Design Week, La Scala Opera Season, Milan Fashion Week and the Formula 1 Grand Prix. Milan has been increasing its position in international rankings, making it one of the preferred places to visit or to live in.

“This is also thanks to its position in the heart of Lombardy, making it the gateway to mountains, lakes, and archaeological and artistic sites. We feel lucky to be here.” ○

“The new investment means further consolidation of SEA Prime’s position as market leader in Italy”

Chiara Dorigotti, general manager, SEA Prime

Above: The lounge offers a relaxing space before departing on a flight

Below: A rendering of the landside view of the new terminal

