OPENAIRLINES TO PRESENT ITS INNOVATIVE ECO-FLYING SOLUTION SKYBREATHE IN CHINA

News / Airlines

Every professional in the industry as well as the majority of people all around the globa are aware of the meaning of climate change, the carbon emission role in it and related issues to be solved ASAP. The International Civil Aviation Organization (ICAO) forecasts that if no action taken, aviation emissions could grow by 300-700% by 2050. China's civil aviation faces complex challenges to reduce CO2 emission since they have one of the world's fastest-growing aviation systems. Chinese airlines need to maintain their profitability while becoming more sustainable and contributing to the People's Republic aggressive goals in terms of CO2 emissions reduction per unit of GDP laid out in its 13th five-year plan. But where to start? To answer this question, Alexandre Feray will meet with several airlines' decision-makers to showcase SkyBreathe®, an innovative eco-flying solution using Big Data Algorithms, Artificial Intelligence, and Machine Learning to save fuel and reduce airlines' carbon footprint.

Alexandre Feray, OpenAirlines' CEO will join the visit alongside 17 innovative companies as part of the presidential delegation organized by Business France to present its innovative eco-flying solution SkyBreathe® which helps airlines reduce their fuel costs and environmental impact.

SkyBreathe® is a cloud-based software solution, which integrates multiple sources of data from flight data recorders in a single database and computes achieved and potential savings taking into account the exact flight conditions, such as weather, flight path, Air Traffic Control, payload. It generates insights, which are shared with all stakeholders through synthetic and easy-to-read dashboards. Pilots can visualize their actual flights in 4D and get feedback on each fuel-saving

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best practice via a dedicated user-friendly mobile app.

Currently assisting 37 airlines across the world with all fleet and engine types, the digital solution enables airlines to easily implement the most appropriate best practices to reduce their fuel consumption. Given that fuel constitutes anywhere from 25 percent to even 30 percent of total airline expenses, a cut of a couple of percentage points helps them save millions.

"*China is a very dynamic and innovative market and we are very proud to participate in this delegation that will accompany the President of the French Republic Emmanuel Macron. This visit represents a unique opportunity to access key contacts, to boost our business and positive impact by highlighting the innovations we are developing for a more environmental-friendly aviation,"* says Alexandre Feray, CEO of OpenAirlines.

Complementing SkyBreathe®, which provides recommendations before and after the flight, Alexandre Feray will present its new product SkyBreathe OnBoard™, a connected Electronic Flight Bag application that provides live guidance to reduce fuel consumption during the flight. Capitalizing on years of R&D and in-flight trials conducted with commercial airlines, this smart technology will be launched at the beginning of 2020 allowing pilots to maximize flight efficiency by making adjustments on the go.

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