



SUSTAINABILITY LEADERS TAMARACK AEROSPACE AND OXI-ZEN COMBINE FORCES

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Idaho-based Tamarack Aerospace Group, Inc. and YASAVA Solutions, SA, Switzerland and its sister company OXI-ZEN Solutions LLC have signed a Memo of Understanding to actively support each other's sales and promotion for aviation services. The linchpin of the agreement includes using science-verified carbon sequestration to carbon-balance an aviation customer's CO₂ emissions, including from flight operations, and accurately track each balanced metric ton of carbon.

The OXI?-ZEN process is simple, direct and transparent and ensures complete data integrity using blockchain technology. Now, all of Tamarack Aerospace's customers' products and services will be fully carbon-balanced, when they choose the OXI?-ZEN solution. This innovation makes Tamarack Aerospace the first aviator to go beyond traditional carbon credits/offsets by using OXI?-ZEN, the first GreenTech specialist to offer science-verified carbon sequestration capacity securely tracked through blockchain.

The OXI?-ZEN Program – an innovative blockchain-powered platform that will enable Emitters and Converters of CO₂ and other greenhouse gases (GHG) to directly interact for carbon- balancing

and transfer economic value. To carbon balance emissions on a one to one basis, an Emitter, in this case an aircraft operator, purchases from a selected Converter carbon sequestration (absorption) capacity that equals the carbon footprint of the Emitter.

Furthermore, Emitters can select Convertors based on preferred criteria. These can include geo-location, type of carbon sink and the Converter's program to protect and enhance the carbon sink environment, development of infrastructure in accordance with the UN's Sustainable Development Goals (SDGs). Tamarack is looking forward to offer its *eco-Smartwing TM* winglet upgrade installation as a fully carbon-balanced program, complete with its unique digital data- set showing how, where, when each metric ton of carbon emission has been carbon-balanced.

OXI?-ZEN's Founder and CEO Christopher Mbanefo, is driven to harmonize and support sustainable aviation programs with a straight-forward, no nonsense value-proposition. As an aerospace engineer and professional pilot, he is excited to note that, "The collaboration between Tamarack and OXI?-ZEN is an example of smart synergy between technology and sustainability. Tamarack's breakthrough in emission reduction technology through its *eco- Smartwing TM* program and OXI?-ZEN's science-based carbon balancing is a leading example on the required pathway to correct the planetary carbon-imbalance, which is the root cause of climate change."

The new MOU will likely be most interesting to new Tamarack single-aisle customers as Tamarack is actively developing its technology for future customers who will upgrade their A320's or B737, for example. Tamarack has modified a fleet of 160 Cessna Citation Jets with its patented *eco-Smartwing?* technology. The Tamarack wing extension and entire winglet load alleviation system reduces emissions by offering a dramatic increase in the range of flight and fuel efficiencies while enhancing sustainability, reducing noise pollution and providing other safety advantages like smoother flight and the ability to land and take off on shorter runways.

Tamarack founder and CEO Nick Guida, is delighted to be collaborating with fellow aerospace engineer and pilot Mbanefo who has a similar philosophy for making flying cleaner with a profitable business model. "The aviation industry will not reach its goal of a net zero carbon neutrality without meaningful collaborations like the new harmony between Tamarack and OXI?-ZEN. Congress and the International Civil Aviation Organization (ICAO) have been very supportive of Tamarack's technology and capability of interacting with other sustainability solutions like biofuels, hydrogen and electric propulsion. Our new MOU with OXI?-ZEN is another example of how all of aviation can work together for a cleaner planet."

The client benefits of this collaboration far out-weigh the slightly increased cost for Tamarack modified aircraft that includes OXI?-ZEN's blockchain solution. The exact price and financial benefits are dependent on the type of aircraft, its fuel usage, current fuel price and carbon price at the time of signing. Tamarack expects this new collaboration and its sustainable outcome to encourage more customers to purchase Tamarack's technology.

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