

NET ZERO TECHNOLOGY AND DECARBONIZATION OF AIRPORTS: ENVISION DIGITAL AND SITA

News / Airports / Routes



Envision Digital and SITA have signed a Memorandum of Understanding (MOU) to jointly build end-to-end net zero carbon solutions for airports worldwide. The collaboration will harness Envision Digital's strengths in digitalization, data management, and artificial intelligence applied to energy and smart building solutions, and SITA's strengths in air transport technology and operations to support airports in their journey towards net zero carbon emissions. The MOU forms part of SITA's strategy to help the air transport industry reduce its carbon footprint through greater operational efficiencies.

Michael Ding, Global Executive Director at Envision Digital, said: " Airports have been progressive in their ambition to reach net zero, and this partnership combining our AIoT leadership with SITA's technology capabilities, will create the end-to-end net zero carbon aviation solution needed by the industry to reach their goal."

David Lavorel, CEO of SITA AT AIRPORTS AND BORDERS, said: “This collaboration with Envision Digital will enable airports to act and operationalize their net zero pledges. With our best-in-class technologies, we are creating the world’s first fully integrated net zero carbon solutions for the air transport industry to help them gain actionable insights and achieve their sustainability targets.”

Sergio Colella, SITA President for Europe, said: “According to ACI, 235 airports across Europe have committed to net zero by 2050, and more than 90 airports are now set to achieve net zero carbon emissions by 2030. With Envision Digital and SITA working together, we can help these airports in their journey towards meeting their sustainability commitments, combining solutions that optimize airport operations to reduce local emissions while optimizing infrastructure-related energy consumption.”

Both companies will work together to build a carbon reduction solution that connects and facilitates real-time data flows in an airport to monitor its real-time carbon footprint, gain data-driven insights, and manage emissions.

Airports will be able to harmonize energy silos, drive efficiencies, and reduce energy consumption while maintaining high traveler comfort levels and enabling more efficient operations as the aviation industry rebounds.

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