Acelen Renewables and Finboot sign partnership to expand biofuel traceability

Agreement aims to establish a digital structure to monitor the life cycle of the production of sustainable aviation fuel (SAF) and renewable diesel (HVO) made from macauba

SAO PAULO / LONDON, 9th March 2026 — Acelen Renewables, a renewable energy company owned by Mubadala Capital, and Finboot, a technology developer specializing in industrial-grade digital traceability solutions, headquartered in London, UK, with an office in Barcelona, Spain, have signed an agreement to develop a data infrastructure for the Brazilian company's renewable fuel production.

The goal of the partnership is to implement and set up Finboot's MARCO Track & Trace solution according to Acelen Renewables' specific traceability needs. The platform will be customized to reflect the phases of the company'ss value chain and strengthen regulatory compliance and the credibility of its biofuels on the market.

With an initial duration of 12 months, the project includes the provision of the MARCO Track & Trace solution, including the modeling of the phases of the production chain, with a focus on land eligibility, production on farms, an emissions calculator, tokenization via blockchain, and sustainability criteria. Finboot serves clients in Europe, the United States, and the Middle East supporting such industries as energy, chemicals, steel, and manufacturing in the transition to more sustainable and regulated models.

The partnership with Acelen Renewables reflects Brazil's growing role in the global energy transition and the company's project to build an integrated end-to-end value chain, from the cultivation of its sustainable raw material, macauba, to end products such as sustainable aviation fuel (SAF) and renewable diesel (HVO).

Pedro Estrela, Vice President of New Business and Digital at Acelen Renewables, says that they identified the need to find a robust and auditable traceability solution that met the regulatory requirements of the main biofuel markets, especially those in Europe, the United States (RFS and LCFS), CORSIA, and Brazil.

"The tool will ensure transparency throughout the value chain, from the origin of the biomass to the production of the fuel, and will allow us to show compliance with criteria such as feedstock eligibility, sustainability, and emissions calculation while incorporating technology solutions such as blockchain and tokenization," Estrela hopes. Brazil has a unique combination of features that place it competitively in the global SAF market. The country has ample availability of raw materials, large areas of degraded land suitable for restoration without displacing other crops or promoting deforestation, advanced biofuel technologies, and decades of experience in large-scale ethanol and biodiesel production. These factors create a solid foundation for a scalable SAF supply that is aligned with the demands of both domestic and international markets.

Regarding the country's regulations, Brazil has been consolidating a clear and progressive framework to decarbonize aviation. The Fuel of the Future Law, a Brazilian federal legislation, established an emissions reduction mandate to be met through the use of SAF blends. In addition, the Brazilian ProBioQAV program continues to establish

certification, eligibility, and traceability criteria, thus reinforcing sustainability standards in line with international best practices.

This set of public policies creates a favorable environment for investment and innovation, which stimulates the expansion of Brazilian SAF production.

With significant investments in infrastructure and new biorefineries planned over the next decade, and expectations for large-scale production starting in 2030, Brazil is positioning itself as a strategic hub to meet the growing global demand for sustainable aviation fuels.

Acelen Renewables: building an integrated platform

Acelen Renewables is accomplishing one of the most ambitious renewable fuel production projects in the country, with planned investments of approximately US$3 billion in infrastructure and supply chains. Its platform couples raw material development, through the cultivation of macauba palm on 180,000 hectares of degraded pastureland, with advanced industrial processing and refining capabilities.

The goal is to achieve a production capacity of 1 billion liters of renewable fuels per year to meet both domestic and international demand, with operations scheduled to begin in 2028. Currently, the United States and Europe are crucial markets for the company's export strategy, which already has about 90% of its SAF production sold in advance.

Since the project's inception, Acelen Renewables has been working to ensure that sustainability practices, land use, and emissions are presentable, auditable, and robust throughout the value chain.

"We are strengthening our ability to meet the regulatory requirements of our target markets and to go through increasingly rigorous certification processes. We see this initiative as a strategic step to increase transparency, data reliability, and the credibility of our product before regulators, clients, and investors, and to build a technological base for us to keep up with the evolving demands of the global low-carbon fuel market," adds Estrela.

Digital traceability

Finboot, whose clients include such leading industrial groups as Repsol, SABIC, Evonik, MOEVE, Big River Steel (BRS), and Gestamp, which underscores its experience in highly-regulated environments and supply chains with tall requirements for transparency, compliance, and data integrity, will support Acelen Renewables in establishing a digital framework capable of tracking materials, processes, and emissions throughout the value chain. Rather than focusing solely on compliance, the collaboration aims to create a data infrastructure that allows each production batch to be evaluated independently.

According to Juan Miguel Pérez Rosas, CEO and co-founder of Finboot, "as biofuels gain global scale, it becomes clear that not all fuels or value chains are the same. Digital traceability allows emissions and sustainability performance to be measured accurately, giving regulators, markets, and investors the confidence they demand more and more."

The executive adds that the partnership is currently in its early stages. Their focus is to

ensure that emissions accounting and sustainability data are incorporated from day one of the value chain. The solution will enable the structuring of such mechanisms as Mass Balance, batch traceability, and preparation for future Digital Product Passport (DPP) requirements, which will guarantee transparency and auditability through the entire production chain.

About Acelen Renewables
Supported by Mubadala Capital, Acelen Renewables is developing an integrated renewable fuel platform in Brazil focused on the production of SAF and renewable diesel. Combining agricultural innovation with industrial-scale refining, the company aims to position Brazil as a competitive supplier to global markets. More information at www.acelenrenovaveis.com.

About Finboot
Finboot provides digital traceability and sustainability data infrastructure for complex industrial supply chains. Its blockchain-based technology is used in such industries as energy, chemicals, and mining to support the traceability of circular and low-emission products. The company serves such global groups as Repsol, SABIC, and Evonik. More information at www.finboot.com.