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INNOVO to Double Global Sustainable Aviation Fuel Supply through Algae Bio-Farms



INNOVO has announced a large-scale Sustainable Aviation Fuel (SAF) initiative that will more than double current global production levels. Through the development of 24 algae-based bio-farms across the United States and Australia, INNOVO will produce crude algal oil sufficient to yield approximately 2.5 million tons of SAF annually - positioning the company among the largest producers worldwide.

Each bio-farm houses thousands of tanks filled with algae cultivated in seawater. Industrial CO₂ emissions are bubbled through these tanks, enabling the algae to grow rapidly under sunlight through photosynthesis. The resulting biomass is harvested and refined into crude algal oil, which is then processed into sustainable aviation fuel.

The program expands on INNOVO's long-term commitment to profitable decarbonization. Major energy companies have executed multi-billion-dollar offtake agreements following extensive due diligence, validating the scalability and commercial viability of INNOVO's model. "INNOVO's large-scale production of Sustainable Aviation Fuel demonstrates that clean energy and profitability can coexist at industrial scale," said Martin Kelly, Founder of INNOVO. "Our algae-based systems show how innovation and collaboration can turn emissions into valuable fuel, accelerating the world's transition to net zero."

Through its scalable algae bio-farm network, INNOVO is making SAF a commercially viable alternative for airlines and fuel refiners — helping to reduce aviation's carbon footprint and close the supply gap needed to achieve global net-zero targets. For more information about INNOVO's Sustainable Aviation Fuel initiative, visit <https://innovo-net-zero.com/sustainable-aviation-fuel>.

INNOVO Forms Global Partnership with CSA to Accelerate Algae-Based Net Zero Solutions

INNOVO has announced a global partnership with the Centre for Subtropical Algalculture (CSA) to advance algae-based technologies for industrial decarbonization.

The collaboration secures world-leading research, engineering, and technological capabilities that will strengthen INNOVO's mission to deliver profitable net zero solutions. Through the partnership, INNOVO gains access to CSA's global network of universities and organizations in the algae sector, along with advanced laboratories capable of producing crude algae oil and algae cake samples for offtake agreements prior to full-scale production. These facilities support the optimization of lipid and nutritional profiles for a wide range of applications, including fuels, feed, and food products.

The partnership also provides INNOVO with access to cutting-edge engineering and harvesting techniques, world-class robotic and AI-controlled equipment for rapid strain selection among more than 50,000 known microalgae species, and in-situ algae growth sensors powered by machine learning. Together, these capabilities enable faster identification of the most productive strains and more efficient production cycles.

Partnering with the Centre for Subtropical Algalculture significantly enhances INNOVO's ability to scale algae technologies globally. This collaboration strengthens

INNOVO's capacity to deliver world-leading solutions that profitably reduce carbon emissions while accelerating the path to net zero.

The CSA collaboration team includes leading experts in clean energy, sustainable agriculture, microalgae biotechnology, aquaculture, and industrial decarbonization, representing institutions such as Central Queensland University, Queensland University of Technology, Murdoch University, CSIRO, the University of Queensland, and other global research centers.

Middle East & Africa Finance Forum 2025

For four years, The Tech Capital's International Finance Forum (IFF) has been the meeting ground for decision-makers shaping the world's digital infrastructure economy. With 12 acclaimed editions across leading financial centres, IFF has united capital and leadership to drive global progress.

Now, for the first time in the Middle East and Africa, the conversation arrives in a region defining the next era of growth. The MEA Finance Forum 2025 will connect international investors, regional financiers, and digital infrastructure executives to explore how finance can accelerate transformation across data, connectivity, and energy ecosystems.

As part of this year's line-up Rene De-Murard, CEO of INNOVO is part of the panel discussion: **ENERGISING GROWTH: WHAT IS POWERING MENA'S DATA CENTRE BOOM?**