Statement on ISCC CORSIA Eligibility of NovaSAF1

To whom it may concern,

Peterson Solutions can confirm that we have conducted an assessment of Syzygy Plasmonics' planned NovaSAF1 facility in Uruguay, focusing on its eligibility to qualify under ISCC CORSIA for the production of Sustainable Aviation Fuel (SAF for use under the ICAO CORSIA framework).

This assessment builds upon the successful fulfilment of ISCC EU and ISCC EU RFNBO requirements and included a review of the adaptation of relevant systems, procedures, and calculations to ISCC CORSIA requirements, in particular with regard to greenhouse gas (GHG) accounting, system boundaries, and reporting.

Based on the design data and documentation reviewed, we conclude the following:

Eligibility:
The NovaSAF1 project design, using manure-based biogas as a biogenic carbon source and renewable electricity as a core energy input, is in principle eligible under ISCC CORSIA. The production pathway qualifies as an eligible SAF pathway under CORSIA, including recognition of the electricity-derived energy contribution in line with CORSIA life cycle emissions methodology.

Management System:
Syzygy has developed and implemented a Quality and Sustainability Management System that meets the structural and procedural requirements of ISCC CORSIA certification, including documentation control, traceability, chain of custody, and audit readiness.

Mass Balance & Chain of Custody:
A mass balance system has been established, enabling transparent tracking of sustainable inputs and outputs. This system is compatible with ISCC CORSIA requirements and allows the assignment of sustainability characteristics and GHG values through accounting rather than physical segregation.

GHG Emissions:
The GHG emissions of NovaSAF1 SAF have been calculated and updated in accordance with ISCC CORSIA 205 (Life Cycle Emissions Methodology).
The calculation applies the CORSIA-specific system boundary, fossil aviation fuel baseline, and reporting format (LSf), including downstream transport assumptions where

required. While actual production data are not yet available, the design-based calculations demonstrate GHG reductions significantly exceeding the CORSIA minimum eligibility threshold of 10%, achieving approximately 90% GHG savings compared to the CORSIA baseline, with lifecycle emissions of around 9 gCO_2eq/MJ.

Renewable Electricity Evidence:
Syzygy has assembled evidence demonstrating that the electricity used in the NovaSAF1 process qualifies as renewable electricity under ISCC CORSIA requirements and is used as a relevant, non-auxiliary energy input that directly contributes to the energy content of the final fuel.

Internal Review:
An internal audit and internal review of the management system, mass balance approach, and updated GHG calculations has been conducted successfully, confirming that the necessary structures and procedures to support ISCC CORSIA certification are in place.

Limitations:
This statement is based on design-phase data and planning-stage documentation. Formal ISCC CORSIA certification will require verification of actual operational data, final electricity sourcing evidence, and audited records during the first certification audit following commissioning.

Conclusion:
Subject to the successful verification of actual operating data at start-up, the NovaSAF1 facility is well positioned to qualify for ISCC CORSIA certification, enabling the production and supply of CORSIA-eligible SAF for use by airlines in international aviation.

Sincerely,

Berlin, 01/23/2026



Patrick Kohl

Expert Certification Support & Sustainability Services

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