

## Statement on ISCC EU and ISCC EU RFNBO 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 readiness for **ISCC EU** and **ISCC EU RFNBO certification**. The assessment covered quality management systems, sustainability procedures, traceability and chain of custody, mass balance, conversion factors, and greenhouse gas (GHG) emission calculations

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

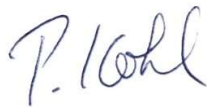
- **Eligibility:** The NovaSAF1 project design, using **manure-based biogas** and **renewable grid electricity**, is in principle **eligible for certification under both ISCC EU Advanced Biofuels and ISCC EU RFNBO**. This dual classification reflects the hybrid production pathway combining biogenic and renewable electricity inputs.
- **Management System:** Syzygy has developed a **Quality Management System**, including defined structures, procedures, and safeguards, aligned with ISCC EU requirements.
- **Mass Balance & Conversion Factor:** Mass balance and conversion factor have been successfully calculated and set up in accordance with **ISCC EU 203** methodologies, ensuring correct attribution of advanced biofuel and RFNBO fractions. Based on the latest calculations, we can confirm that the final fuel products can be classified as up to 59% RFNBO and 41% Advanced Biofuel.
- **GHG Emissions:** GHG calculations have been performed using **ISCC EU 205 and 205-1 methodologies**. While actual production data are not yet available, the design-based calculations demonstrate compliance with the required savings thresholds ( $\geq 65\%$  for advanced biofuels,  $\geq 70\%$  for RFNBO) and even **exceed** them by far reaching 90% GHG savings. The final products account for 9g CO<sub>2</sub>eq/MJ.
- **Renewable Electricity Proof:** Syzygy has collected evidence to demonstrate that electricity used in the process meets the fully renewable electricity criteria of EU regulation for RFNBO certification.
- **Internal Audit:** An internal audit of the management system and compliance procedures has been conducted successfully.

**Limitations:** This confirmation is based on **design data and planning-phase documentation**. Full certification will require verification of **actual production data, supplier certification, and operational records** during the first certification audit.

Subject to the successful verification of actual operating data at start-up, the NovaSAF1 plant is **well positioned to obtain ISCC EU Advanced Biofuel and ISCC EU RFNBO certification**, thereby enabling the production and sale of certified SAF into the EU market.

Sincerely,

Berlin, 09/11/2025



Patrick Kohl

Expert Certification Support & Sustainability Services

Peterson Solutions Germany

## Contact us

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