



FS Agrisolutions Indústria de Biocombustíveis Ltda.

PROGRAMMATIC POST-ISSUANCE VERIFICATION LETTER

BIOENERGY CRITERIA OF THE CLIMATE BONDS STANDARD

Type of engagement: Assurance Engagement

Period engagement was carried out: September 2024

Approved verifier: Sustainalytics

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Scope and Objectives

FS Agrisolutions Indústria de Biocombustíveis Ltda. (“FS” or the “Company”) issued eight certified Climate Bond debt instruments between September 2021 and March 2024 (collectively the “Green Debt Instruments”) to finance projects related to the production of biofuels. In 2024, FS engaged Sustainalytics to review the projects financed between September 2021 and March 2024 with proceeds from the Green Debt Instruments (the “Nominated Projects”) and provide an assessment as to whether the Nominated Projects meet the Post-Issuance Requirements of the Climate Bonds Standard Version 3.0.¹

The Nominated Projects include:

- Capex and Opex related to production of hydrous and anhydrous corn-ethanol biofuel

Schedule 1 provides details of the Nominated Projects and disbursement of proceeds.

Post-Issuance Evaluation Criteria

Post-issuance Requirements of the Climate Bonds Standard Version 3.0:

- Use of Proceeds
- Evaluation and Selection of Projects, including conformance with the relevant Sector Criteria
 - Bioenergy²
- Management of Proceeds
- Reporting

Issuing Entity’s Responsibility

FS is responsible for providing accurate information and documentation relating to the details of projects, including description, total development cost of each project and disbursed amounts.

¹ Climate Bonds Initiative, Climate Bonds Standard Version 3.0, at: <https://www.climatebonds.net/files/files/climate-bonds-standard-v3-20191210.pdf>

² Climate Bonds Initiative, Bioenergy Criteria, at: <https://www.climatebonds.net/files/files/Bioenergy%20Criteria%20Document%20Aug%202022.pdf>

Independence and Quality Control

Sustainalytics, a leading provider of ESG and corporate governance research and ratings to investors, conducted the verification of the Green Debt Instruments to provide an independent opinion on its conformance with the Post-Issuance Requirements of the Climate Bonds Standard.

Sustainalytics has relied on the information and the facts presented by FS with respect to the Nominated Projects. Sustainalytics is not responsible nor shall be held liable for any inaccuracies in the opinions, findings or conclusions herein due to incorrect or incomplete data provided by FS.

Sustainalytics makes all efforts to ensure the highest quality and rigor during its assessment process and enlisted its Sustainability Bonds Review Committee to provide oversight over this assessment.

Verifier's Responsibility

Sustainalytics conducted the verification in accordance with the Climate Bonds Standard Version 3.0 and with International Standard on Assurance Engagements 3000 (ISAE 3000).

The work undertaken as part of this engagement included conversations with relevant FS employees and review of relevant documentation to assess conformance of the Green Debt Instruments with the Post-Issuance Requirements of the Climate Bonds Standard Version 3.0.

Exceptions

No exceptions were identified. All projects meet the Post-Issuance Requirements of the Climate Bonds Standard Version 3.0, including the Bioenergy criteria.

Conclusion

Based on the limited assurance procedures conducted and evidence obtained, nothing has come to Sustainalytics' attention that causes us to believe that, in all material respects, the Green Debt Instruments is not in conformance with the Post-Issuance Requirements of the Climate Bonds Standard.

Schedule 1: Overview of the Nominated Projects

Between September 2021 and March 2024, FS issued the Green Debt Instruments and raised BRL 4,583,96 million, which were used to finance and refinance the following Nominated Projects.

FS used the Climate Bonds Standard Agriculture criteria as a proxy to fulfil the feedstock certification requirements under the Bioenergy criteria.

Table 1: Allocation to the projects financed by the Green Debt Instruments

| Use of Proceeds Category | CBI Asset type | Net Proceeds Allocated (BRL million) |
|---|--|---|
| Bioenergy: production of hydrous and anhydrous corn-ethanol biofuel | Facilities producing biofuel for transport | 2,715.96 |
| Total Net Proceeds Allocated | | 2,715.96 |
| Unallocated Proceeds | | 1,868.00³ |
| Total Net Proceeds Raised from the Green Debt Instruments | | 4,583,96 |

³ FS has communicated to Sustainalytics that the unallocated proceeds from the Green Debt Instruments will be fully allocated by February 2026.

Table 2: Reported Impact and Emissions Thresholds as per the CBI Bioenergy Criteria

| Use of Proceeds Category | Asset Type as per CBI Criteria | Emissions Thresholds for Biofuel or Biomass Produced or Used (Primary Energy) as per CBI Criteria | Reported Emissions by FS |
|--|--|---|--|
| Bioenergy: production of hydrous and anhydrous corn-ethanol biofuel | Facilities producing biofuel for transport | 18.8gCO ₂ e/MJ | i. Carbon intensity of anhydrous ethanol produced between April 2023 to March 2024 (gCO ₂ e/MJ): 18.72 ii. Percentage emission reduction compared to fossil fuel (gasoline) from anhydrous ethanol: 77.06% |
| | | | iii. Carbon intensity of hydrous ethanol produced April 2023 to March 2024 (gCO ₂ e/MJ): 18.46 iv. Percentage emission reduction compared to fossil fuel (gasoline) from anhydrous ethanol: 77.27% |

Schedule 2A: Post-Issuance Requirements of the Climate Bonds Standard

| | |
|---|---|
| <p>Use of Proceeds</p> | <p>5.1 The Net Proceeds of the Bond shall be allocated to the Nominated Projects & Assets.</p> <p>5.2 All nominated Projects & Assets shall meet the documented objectives of the Bond as stated under Clause 6.1.1 and shall be in conformance with the requirements of Part C of the Climate Bonds Standard.</p> <p>5.3 The Issuer shall allocate the Net Proceeds to Nominated Projects & Assets within 24 months of issuance of the Bond, or the Issuer shall disclose in post-issuance reporting as per Clause 8.3 the estimated timeline for allocation of net proceeds to Nominated Projects & Assets. Net proceeds may be reallocated to other Nominated Projects & Assets at any time while the Bond remains outstanding.</p> <p>5.4 Nominated Projects & Assets shall not be nominated to other Certified Climate Bonds, Certified Climate Loans, Certified Climate Debt Instruments, green bonds, green loans or other labelled instruments (such as social bonds or SDG bonds) unless it is demonstrated by the Issuer that:</p> <p>5.4.1. distinct portions of the Nominated Projects & Assets are being funded by different Certified Climate Bonds, Certified Climate Loans, Certified Climate Debt Instruments, green bonds, green loans or other labelled instruments; or</p> <p>5.4.2. the existing Certified Climate Bond, Certified Climate Loan or Certified Climate Debt Instrument is being refinanced via another Certified Climate Bond, Certified Climate Loan or Certified Climate Debt Instrument.</p> <p>5.5 Where a proportion of the Net Proceeds of the Bond are used for refinancing, the Issuer shall track the share of the Net Proceeds used for financing and refinancing and identify which Nominated Projects & Assets may be refinanced. This may also include the expected look-back period for refinanced Nominated Projects & Assets.</p> <p>5.6 The Net Proceeds of the Bond shall be tracked by the Issuer following a formal internal process which is documented in accordance with Clause 3.1.</p> <p>5.7 The Net Proceeds of the Bond shall be no greater than the Issuer’s total investment exposure or debt obligation to the Nominated Projects & Assets, or the relevant proportion of the total Market Value of the Nominated Projects & Assets which are owned or financed by the Issuer.</p> <p>5.8 Additional Nominated Projects & Assets may be added to, or used to substitute or replenish, the portfolio of Nominated Project & Assets as long as the additional Nominated Project & Assets are eligible under Part C of the Climate Bonds Standard and are consistent with the Bond’s objective as set out in Clause 6.1.1.</p> <p>5.8.1. Where additional Nominated Projects & Assets are covered by Sector Eligibility Criteria which were not included in the scope of either the Pre-Issuance Verification or the Post-Issuance Verification engagements, the Issuer shall engage a Verifier to provide a Verifier’s Report covering at least the conformance of the additional Nominated Projects & Assets with the relevant Sector Eligibility Criteria under Part C of the Climate Bonds Standard.</p> |
| <p>Process for Evaluation and Selection</p> | <p>6.1 The Issuer shall document and maintain a decision-making process which it uses to determine the continuing eligibility of the Nominated Projects & Assets. This includes, without limitation:</p> |

| | |
|---------------------------|---|
| of Projects & Assets | <p>6.1.1. A statement on the climate-related objectives of the Bond;</p> <p>6.1.2. How the climate-related objectives of the Bond are positioned within the context of the Issuer’s overarching objectives, strategy, policy and/or processes relating to environmental sustainability;</p> <p>6.1.3. The Issuer’s rationale for issuing the Bond;</p> <p>6.1.4. A process to determine whether the Nominated Projects & Assets meet the eligibility requirements specified in Part C of the Climate Bonds Standard;</p> <p>6.1.5. Other information provided by the Issuer as described in Clause 2.2</p> |
| Management of Proceeds | <p>7.1 The Net Proceeds of the Bond shall be credited to a sub account, moved to a sub-portfolio or otherwise identified by the Issuer in an appropriate manner, and documented.</p> <p>7.2 The Issuer of the Bond shall maintain the earmarking process to manage and account for allocation of Net Proceeds to the Nominated Projects & Assets as described in Clause 3.1.3.</p> <p>7.3 While the Bond remains outstanding, the balance of the tracked Net Proceeds shall be reduced by amounts allocated to Nominated Projects & Assets. Pending such allocations to Nominated Projects & Assets, the balance of unallocated Net Proceeds shall be:</p> <p>7.3.1. Held in temporary investment instruments that are cash, or cash equivalent instruments, within a Treasury function;</p> <p>7.3.2. Held in temporary investment instruments that do not include greenhouse gas intensive projects which are inconsistent with the delivery of a low carbon and climate resilient economy; or</p> <p>7.3.3. Applied to temporarily reduce indebtedness of a revolving nature before being redrawn for investments or disbursements to Nominated Projects & Assets.</p> |
| Reporting – Post-issuance | <p>8.1 The Issuer shall prepare an Update Report at least annually while the Bond remains outstanding.</p> <p>8.1.2. The Update Report shall be made available to holders of the Bond and to the Climate Bonds Standard Board.</p> <p>8.1.3. The Issuer should provide an Update Report to holders of the Bond on a timely basis in case of material developments.</p> |

Schedule 2B: Conformance to the Post-Issuance Requirements of the Climate Bonds Standard⁴

| Evaluation Criteria | Factual Findings | Error or Exceptions Identified |
|---|--|--------------------------------|
| Use of Proceeds | <p>5.1 A list of Nominated Projects & Assets is provided in Schedule 1.</p> <p>5.2 The Nominated Projects & Assets meet the documented objectives of the finance and are in conformance with the requirements of Part C of the Climate Bonds Standard.</p> <p>5.3 A proportion of the Net Proceeds have been allocated to Nominated Projects & Assets upon the issuance of the Bonds. FS has communicated to Sustainalytics that the unallocated proceeds from the Green Debt Instruments will be fully allocated by February 2026.</p> <p>5.4 FS has confirmed that the Nominated Projects & Assets have not been nominated to other Certified Climate Bonds, Certified Climate Loans, Certified Climate Debt Instruments, green bonds, green loans or other labelled instruments (such as social bonds or SDG bonds).</p> <p>5.5 FS has confirmed that it has tracked the share of the Net Proceeds used for financing and refinancing.</p> <p>5.6 FS' green bond framework documents that the Net Proceeds are tracked following a formal internal process.</p> <p>5.7 FS has confirmed that the Net Proceeds raised are no greater than the total investment exposure or debt obligation to the Nominated Projects & Assets which are owned or financed by the Issuer.</p> <p>5.8 N/A</p> <p>5.8.1 N/A</p> | None |
| Process for Evaluation and Selection of Projects & Assets | <p>6.1 FS' Green Bond Framework documents a decision-making process which it uses to determine the continuing eligibility of the Nominated Projects & Assets. This includes, without limitation:</p> <p>6.1.1 A statement on the climate-related objectives of the financing;</p> <p>6.1.2 How the climate-related objectives of the financing are positioned within, the context of the FS' overarching objectives, strategy, policy and/or processes relating to environmental sustainability;</p> | None |

⁴ Climate Bonds Initiative, Climate Bonds Standard Version 3.0, at: <https://www.climatebonds.net/files/files/climate-bonds-standard-v3-20191210.pdf>

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|---------------------------|--|------|
| | <p>6.1.3 FS' rationale for issuing the bond;</p> <p>6.1.4 A process to determine whether the Nominated Projects & Assets meet the eligibility requirements specified in the Climate Bonds Standard;</p> <p>6.1.5 Other information provided by FS as described in Clause 2.2</p> | |
| Management of Proceeds | <p>7.1 FS confirmed that Net Proceeds of the Bonds were credited to a sub-account, moved to a sub-portfolio or otherwise identified by FS in an appropriate manner, and documented.</p> <p>7.2 FS has confirmed that it maintained an earmarking process to manage and account for allocation of Net Proceeds to the Nominated Projects & Assets.</p> <p>7.3 While the Bonds remain outstanding, the balance of the tracked Net Proceeds shall be reduced by amounts allocated to Nominated Projects & Assets. Pending such allocations to Nominated Projects & Assets, the balance of unallocated Net Proceeds shall be:</p> <p>7.3.1. Held in temporary investment instruments that are cash, or cash equivalent instruments, within a Treasury function;</p> <p>7.3.2. Held in temporary investment instruments that do not include greenhouse gas intensive projects which are inconsistent with the delivery of a low carbon and climate resilient economy; or</p> <p>7.3.3. Applied to temporarily reduce indebtedness of a revolving nature before being redrawn for investments or disbursements to Nominated Projects & Assets.</p> | None |
| Reporting – Post-issuance | <p>8.1. FS is committed to preparing an Update Report at least annually while the financing remains outstanding.</p> <p>1.1.2.The Update Report will be made available to the lenders and to the Climate Bonds Standard Board.</p> <p>1.1.3.FS will provide an Update Report to the bond holders on a timely basis in case of material developments.</p> | None |

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