



GREEN FINANCE FRAMEWORK

SEPTEMBER – 2022



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1. About Solinftec

Solinftec (or “the **Company**”) was founded in 2007 in Araçatuba, state of São Paulo, Brazil. The Company provides digital agriculture services for several sectors, including sugar and ethanol, grain, fiber and perennial crops, offering solutions across 11 countries.

A global leader in AI (artificial intelligence) and SaaS (software as a service) for the agribusiness, the Company’s agriculture software solutions are researched and developed alongside farmers and service providers, enabling control of practically everything in a farm. The Company’s artificial intelligence system, ALICE AI, promotes improved efficiency and process optimization by integrating into all processes on customers’ farms—from pre-planting to post-harvesting, and with that, it informs farmers the exact moment to carry out each operation to reach the highest efficiency and helps them to autonomously direct inputs, equipment, machinery, and labor.

The Company believes in the power of innovation and in the positive impact of its solutions to transform agriculture into a more productive and sustainable practice. Solinftec continuously strives to address environmental aspects through solutions that promote a more rational use of resources and in 2021 alone, its technology avoided approximately 363 thousand tCO₂ across client operations.

Among the Company’s commitments are:

- a) To contribute to rural producers’ increased efficiency through the use of technology and artificial intelligence, with a strong focus on proactivity and adjusting routes in real time. By doing that the Company ensures a seamless execution, reducing unnecessary re-applications in the fields, product loss from dispersion, and harmful environmental impacts.
- b) To initiate and support initiatives to measure the positive impacts generated by the adoption of the technology, with special focus on the reducing greenhouse gas emissions.
- c) to be transparent, ethical, and fair with all stakeholders.

You can find more detailed information about Solinftec at: <https://www.solinftec.com/pt-br/operacoes-de-agronomia-latam-2/>.

2. Approach to Sustainability

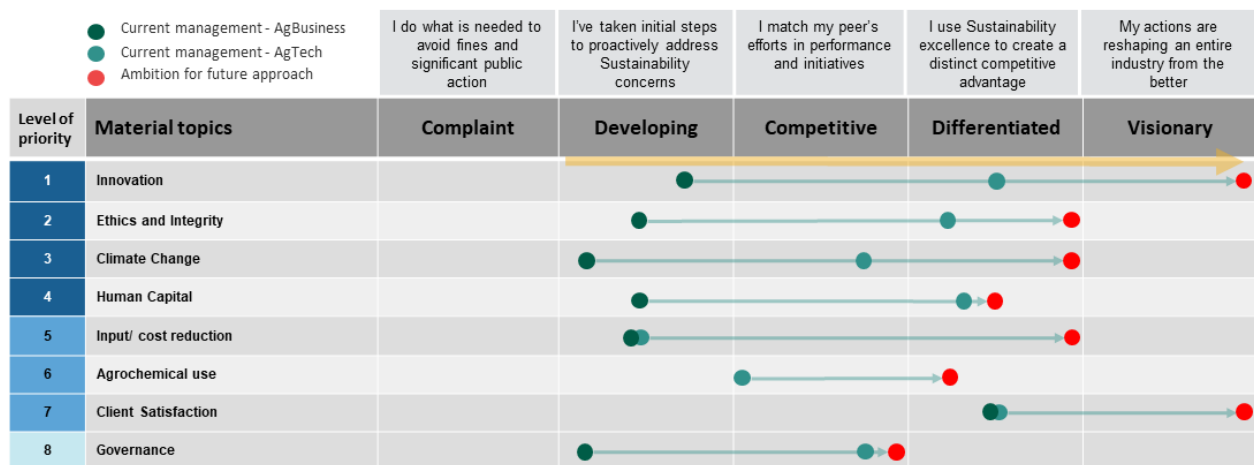
Understanding the needs and expectations of the Company’s stakeholders is a valuable process not only for building Solinftec’s sustainability pillars, but also for developing a consistent business strategy in line with the main practices and market trends.

In early 2021, Solinftec published its first materiality assessment based on stakeholder engagement and consultation – a detailed process which was carried out in a balanced and careful manner so that a true picture of the most relevant themes for Solinftec could be revealed.

With the support of a specialized external consulting firm, this work involved interviews with the Company's leadership and specialist teams, as well as its main investors. The work was complemented by an in-depth analysis of the main ESG trends in the industry and the global economy, as well as by a deep-dive into key technology and agribusiness challenges faced on the environmental, social, and governance fronts.

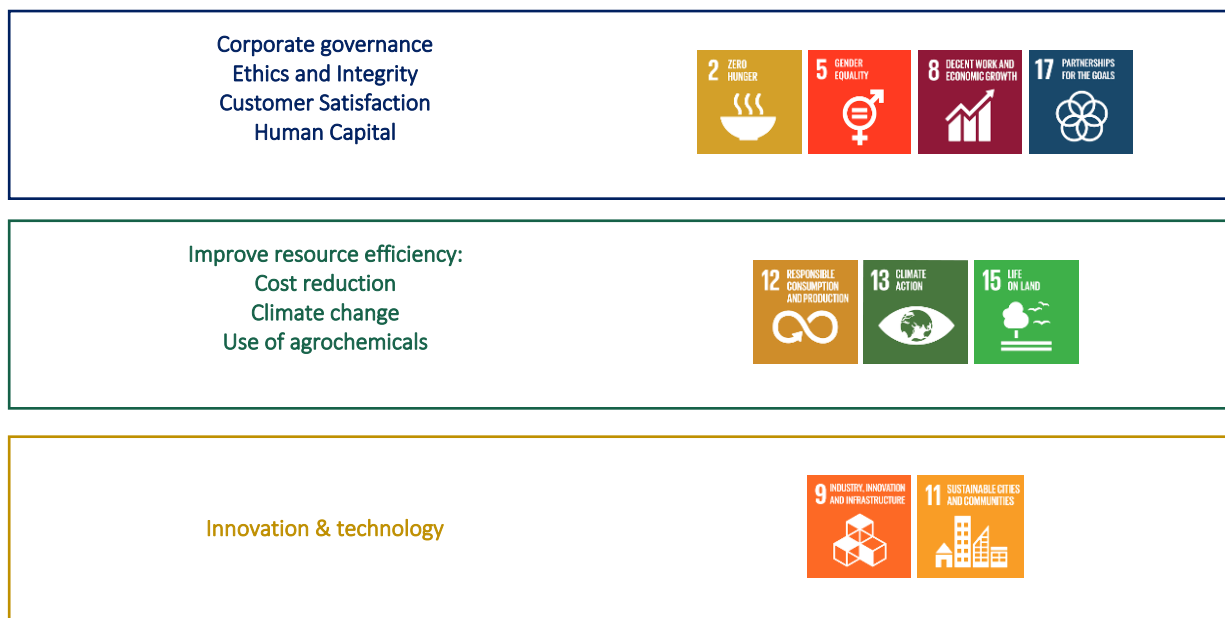
Considering that the Company's main product is an innovative set of services and solutions, the materiality assessment [figure 1] resulted not only in prioritizing topics essential for the business to develop, but also in mapping risks and opportunities across the Company's direct operations, as well as in understanding the level of effort required to achieve future goals.

Figure 1 – Solinftec Materiality



2.1. Pillars of the ESG Strategy

The eight prioritized material topics were divided into three strategic pillars aligned with 6 SDGs (8, 9, 12, 13, 15 and 17) and evaluated according to their degree of maturity in the Company and the level of effort required to implement it. The work gave rise to a detailed roadmap for each of the themes with the definition of short and medium-term actions, alignment with the SDGs, and the design of a baseline for the establishment of targets and KPIs. Three new SDGs (2, 5 and 11) were subsequently identified in the Company's materiality exercise by analyzing the main aspects and impacts of the Company's business, and as a result they were also included in the Company's operating strategy.



3. Rationale for Issuance

To enhance the impact of the Company's sustainable performance and highlight environmental issues to its stakeholders, the Company decided to create this Green Finance Framework ("Framework").

The funds raised based on this Framework will be used to finance and/or refinance the Company's new or existing projects, as well as those of its subsidiaries, that have a positive environmental impact and are aligned with the Company's strategy. By doing that, Solinftec aims to contribute to the Brazilian

agribusiness through improved technological solutions, increased efficiency and fewer greenhouse gas emissions for the sector.

Solinftec intends to use this Framework as a unified suite of Green Instruments (“**Green Instruments**”) to the market, aiming to finance and/or refinance, in whole or in part, green financial debt instruments that align with our sustainability priorities, including bonds, loans, and/or other debt securities. It can be used both in the capital market and in the loan market.

This Framework was designed to be used under the Climate Bond Initiative (“CBI”) Programmatic Certification Scheme (“Programmatic Certification”)¹ to make the issuance of Green Instruments significantly simpler and easier.

The Company hopes that this Framework will inspire other companies operating in the agribusiness sector to embark on and continue a similar journey. To this end, the Company is committed to investing in certain projects, establishing ambitious timelines for achieving the targeted allocation as outlined in section 4 below.

It is worth noting that this Framework provides a broad approach to new issuances and/or borrowings and, accordingly, for further details of each funding, the Company's capital providers (investors, banks and multilateral agencies) should always refer to the relevant documentation for any specific transaction made under this Framework.

4. Alignment with the Relevant Principles

This Framework has been established in accordance with the (i) Climate Bonds Standard version 3.0, as of 2019, created by the Climate Bonds Initiative (“CBI”) and which promotes large-scale investments that will deliver a low-carbon and climate-resilient global economy, (ii) the Green Bond Principles, 2021, amended in June 2022 (“GBP”), administered by the International Capital Market Association (“ICMA”) aiming to encompass future issuances in the capital markets, and (iii) the Green Loan Principles of 2018 (“GLP”) developed by the Loan Markets Association (“LMA”), the Loan Syndications and Trading Association (“LSTA”) and the Asia Pacific Loan Market Association (“APLMA”), aiming to encompass bilateral or syndicated loans with financial institutions and/or multilateral agencies (“Principles”). The Principles are voluntary process guidelines for best practices when issuing Green Instruments. They recommend transparency, disclosure and promote integrity in the market.

This Framework is aligned with the four core components of the CBI Standard and the ICMA Principles, namely: (1) Use of Proceeds, (2) Process for Project Evaluation and Selection, (3) Management of Proceeds and (4) Reporting.

¹ The Programmatic Certification streamlines the Certification for Issuers who plan to issue multiple certified bonds against a large pool of assets. Rather than going through the process of Certification for each bond issuance, the whole pool is Certified at the beginning, at the time of the first bond issuance. Subsequently, when the Issuer issues more bonds against other parts of the same asset pool, each bond only requires post-issuance verification.

In addition, this Framework also follows the two main recommendations of the Principles, namely: (i) the existence of a framework and (ii) the obtaining of a pre-issuance Second Party Opinion (“SPO”) and (iii) the obtaining of post-issuance verification report.












4.1. Use of Proceeds





We intend to allocate an amount equal to the net proceeds from the sale of any Green Instrument to finance and/or refinance, in whole or in part, one or more new or existing Eligible Green Projects within the categories outlined below (“**Eligibility Criteria**”). Investments here are defined as development, acquisition, maintenance, renovation, installation, expansion, operation and/or operating expenditures that are related to the projects, whether disbursed by the Company and/or any of its subsidiaries.

“Eligible Green Projects” may include projects financed by Solinftec or any of its subsidiaries within 24 months before the issuance of any ESG-FI and will have up to 24 (twenty four) months, from the date of issuance, to be fully allocated.

Transactions related to Eligible Green Projects will be subject to compliance with applicable laws and regulations and Solinftec’s policies. Additionally, the offering document for each Green Instruments will specify which Eligible Categories below are included in the associated financing. Each Eligible Category is intended to align with one or more targets of the Sustainable Development Goals (“SDGs”) as defined by the United Nations (“UN”).

Eligible Green Categories

Eligible Green Categories	Eligibility Criteria	SDGs
Renewable Energy	<ul style="list-style-type: none"> Investments for renewable energy consumption, such as: solar energy and wind energy. 	  
Energy Efficiency	<ul style="list-style-type: none"> Equipment or technology that reduces energy consumption and/or increases energy savings provided that the equipments, and/or technologies will not be in fossil-fuel intensive processes. 	  
Pollution Prevention and control	<ul style="list-style-type: none"> Investments in equipment that reduce fuel consumption per unit of production. Investments to reduce wasted hours in agricultural operations using technology. Investments to reduce the need for fossil fuel consuming operations in agriculture. 	    

	<ul style="list-style-type: none"> Investments to avoid the use of products that can increase waste generated in agriculture. Investments to mitigate the effects of products and/or applications that may cause soil and/or water pollution. 	
Environmentally sustainable management of living natural resources and land use	<ul style="list-style-type: none"> Investments to rationalize the application of agricultural inputs, mainly seeking to reduce the use of non-renewable sources. Increase agricultural productivity through the use of technology in the process. Investments to reduce the need for expansion of agricultural areas through the increase of productivity (verticalization of production). Enable farming in a more sustainable way through new management practices. Low carbon agriculture. Reduction of emissions by fossil fuel burning. 	
Sustainable Water and Wastewater Management	<ul style="list-style-type: none"> Investments to employ techniques to reduce water waste in agriculture. Investments to apply techniques to improve water and reuse water applications in agriculture. Facilitating the use of by-products to replace the use of new resources. 	
Climate change adaptation solutions	<ul style="list-style-type: none"> R&D investments in software to measure the impact of agriculture on greenhouse gas emissions. R&D investments for monitoring climate change using technologies such as satellite images and climate monitoring. 	
Eco-efficient and/or circular economy adapted products, production technologies and processes	<ul style="list-style-type: none"> Investments to develop traceability solutions for the entire agricultural production chain. 	

Additionally, Eligible Projects can also meet eligibility requirements that fall under the “Agriculture” or “Renewable Energy” criteria, aligned with the Climate Bonds Taxonomy, being eligible for the CBI certification.

Eligible Agriculture Criteria	Eligible Activities
Supporting activities (and resulting products or services) outside of the Agricultural Production Units aimed at enabling GHG emission reductions or carbon sequestration in third-party Agricultural Production Units	<ul style="list-style-type: none"> Activities that enable the measurement, monitoring, reporting and verification of emissions reductions.
Supporting activities (and resulting products or services) aimed at enabling climate adaptation and resilience on third-party production units	<ul style="list-style-type: none"> Information technology and information services, e.g., climate information services, monitoring and evaluation (M&E) imagery systems, soil analysis tools and weather monitoring services. Training in climate adapted and resilient agricultural techniques.

Eligible Renewable Energy Criteria	Eligible Activities
Projects and assets relating to solar energy generation that operate or are under construction to operate	<ul style="list-style-type: none"> Onshore solar electricity generation facilities Onshore solar thermal facilities such as solar hot water systems. Onshore solar heat/cool and power cogeneration facilities.
Non-solar fuel use	<ul style="list-style-type: none"> Projects and assets that have activities in solar electricity generation facilities or solar thermal facilities shall have a minimum of 85% of electricity generated from solar energy resources.
Projects and assets relating to wind energy that operate or are under construction to operate	<ul style="list-style-type: none"> Onshore wind energy generation facilities

4.2. Excluded Activities

Listed below are the activities that are excluded from this Framework and therefore cannot be classified as "Eligible Projects". It should be noted that the list below is not exhaustive, and the Company reserves the right to analyze projects, on a case-by-case basis, by assessing any material issues related to ESG factors and that may interfere with the green classification assigned described in this Framework.

- Projects that use irregular and/or illegal child and adolescent labor practices, that submit their employees to degrading conditions or conditions analogous to slave labor;
- Projects whose business partners do not act in compliance with Brazilian law number 12,846/2013 ("Anti-Corruption Law"); and
- Production or sale of any product or activity that may link importers and exporters with misconduct, such as illegal extraction.

4.3. Process for Project Selection and Evaluation

Eligible Projects financed under this Framework will be analyzed according to the Eligibility Criteria described in Section "Use of Proceeds".

In addition, a multidisciplinary sustainable finance committee (the "**ESG Committee**") will be created for evaluating and selecting the investments made with the proceeds of the Green Instrument to ensure that they meet the scope established in this Framework.

All Eligible Projects developed by Solinftec are (i) approved by the ESG Committee and by the Board of Directors for budget approval, (ii) supported by the financial viability study of the project conducted by the Finance team and (iii) aligned with the Company's strategy.

The ESG Committee will be responsible, among other things, to: (i) nominate projects that meet the Eligibility Criteria described in this Framework and are aligned with the Company's strategy; and (ii) recommend funding allocation for eligible projects. The nominated projects will then be presented to Solinftec's Finance and Legal departments for approval. Although these recommendations will be made

annually, the ESG Committee may also meet and deliberate on past, current and future projects on an ad-hoc basis.

The ESG Committee is responsible for (i) monitoring the portfolio of Eligible Projects, (ii) replacing projects that no longer meet the Eligibility Criteria set forth in this Framework with new Eligible Projects, if necessary, and (iii) validating of the annual Allocation Report, as described in Section 5 below.

4.4. Management of Proceeds

An amount equal to the net proceeds from the funds raised on the basis of this Framework will be allocated by the Treasury team to the financing/refinancing of existing and/or future projects that meet the Eligibility Criteria described above.

The funds raised under this Framework will be allocated and managed by the treasury department using existing internal tracking systems.

Until full allocation, the Company will maintain an amount equal to the unallocated balance of the Green Instruments in cash, cash equivalents or low-risk liquid investments (government bonds or financial institutions rated A by the major risk agencies). Therefore, the Company is committed to allocate an equivalent amount for eligible projects described in the “Use of Proceeds” section, until the maturity date of the financial instrument.

The funds raised will be monitored continuously through to the maturity of each Green Instrument. If the project ceases to be eligible according to the criteria defined in this Framework, the Company will, within 12 months, redirect the funds to other Eligible Projects. Additionally, in case the proceeds are not allocated for the predefined use, there will be punishment mechanisms described in the Green Instrument legal documentation.

5. Reporting

Within one year from the issuance of any Green Instrument, and annually thereafter until an amount equal to the net proceeds of the funds has been allocated to Eligible Projects, the Company will publish a public report with the allocation of the Green Instruments and estimated impact of the Eligible Projects (“Allocation Report”).

The Allocation Report will be verified by an independent accountant or an independent third-party consultant with experience in ESG research and analysis and will be disclosed (alongside the verification letter) in the Company’s website.

The Allocation Report will include but not necessarily be limited to information on:

- i. The list of Eligible Project categories with a selection of brief descriptions.
- ii. The number of Green Instruments outstanding and their balance.

- iii. The percentage of net proceeds allocated to Eligible Projects.
- iv. The proportion of financed vs. refinanced Eligible Projects.
- v. The outstanding amount of net proceeds from the sale of any Green Instrument yet to be allocated to Eligible Projects at the end of the reporting period.

In addition to the Allocation Report, the Company will make available an Impact Report ("Impact Report") that will also be verified by an independent accountant or an independent third-party consultant with experience in ESG research and analysis.

This Below we have included a list of indicators - aligned with the "Harmonized Framework for Impact Reporting" updated by the International Capital Markets Association (ICMA) in June 2022 - that may be used by Solinftec.

Eligible Green Categories	Potential Impact Reporting Data
Renewable Energy	<ul style="list-style-type: none"> • Annual GHG emissions reduced/avoided in tonnes of CO2 equivalent. • Annual renewable energy generation in MWh/GWh (electricity) and GJ/TJ (other energy). • Capacity of renewable energy plant(s) constructed or rehabilitated in MW.
EnergyEfficiency	<ul style="list-style-type: none"> • Annual GHG emissions reduced/avoided in tonnes of CO2 equivalent.
PollutionPreventionandControl	<ul style="list-style-type: none"> • Avoided pollutant emissions in tons of CO2e, Sox, NOx, etc. • Reduced emission of pollutants in tons of CO2e, SOx, NOx, etc.
Environmentally sustainable management of living naturalresourcesandlanduse	<ul style="list-style-type: none"> • Reduction in net GHG emissions, GHG intensity (e.g. tCO2e/unit of output) or energy intensity (e.g. GJ/unit of output).
Climate Change mitigation and adaptation solutions	<ul style="list-style-type: none"> • Annual GHG emissions reduced/avoided in tons of CO2e. • Number of cities impacted by the implemented adaptation solutions.
Eco-efficient and/or circular economy adapted products, production technologies and processes	<ul style="list-style-type: none"> • Increase in number of clients for tools or services enabling circular economy strategies. • Reduction in carbon intensity of service in tCO2 eq/unit of service.

6. External Review

Solinftec has retained an independent consultant with recognized environmental and social expertise to provide a pre-issuance Second Party Opinion on the environmental benefits of this Framework, as well as on the alignment with relevant principles, including the Climate Bonds Standard (“SPO Provider”). The SPO Provider was approved by CBI to provide the pre-issuance Second Party Opinion and qualify this Framework under the Programmatic Certification. The SPO is available on the Company’s website.

The company will also publish a post-issuance verification on the allocation of funds of the first Green Instrument issued under this Framework, which will be performed by external consultants with proven experience that are recognized as an “approved verifier” by CBI². Post-issuance verification will be completed within one year of the bond issue and posted on the Issuer's website.

7. Revision

The Company will review this Framework from time to time, including with respect to its alignment to updated versions of the relevant Principles as and when they are released, with the aim of adhering to best practices in the market.

The Company will also review this Framework in case of material changes in the Eligible Categories selected. Such review may result in this Framework being updated and amended. The updates, if not minor in nature, will be subject to the prior approval of a qualified second party opinion provider.

Similarly, the Company may also revise this Framework in the event of material changes to the Company's business and operations (such as material acquisitions, mergers, and divestitures). Such review may result in the updating and modification of this Framework. Updates, if not of a minor nature, will be subject to the prior approval of a qualified second party opinion provider.

Any future updated version of this Framework that may exist will either keep or improve the current levels of transparency and reporting disclosures, including the corresponding review by an external verifier. The updated Framework, if any, will be published on our website and will replace this Framework.

In case there are no relevant changes to the Company as described in the previous paragraph, this framework will be valid for two (2) years from its publication date.

² <https://www.climatebonds.net/certification/approved-verifiers>

Disclaimer

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