



**WE TRANSFORM AGRICULTURE
TO CHANGE THE WORLD
SUSTAINABILITY** 2021



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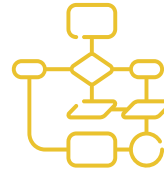
FEET FIRMLY ON THE FIELD AND EYES ON THE FUTURE

Through work focused on innovation, we are part of a movement that increasingly drives connectivity in the countryside, always in the search for solutions aligned with one of the greatest purposes of agriculture: to generate a positive impact from the preservation of the environment and increase in food productivity

Challenge, innovation and adaptability are present throughout our history. Find out below some of our main achievements and results that help us build a brighter future.



INNOVATION-BASED SOLUTIONS



REDUCTION IN FUEL USE

Consumption management and development of logistical routes to optimize fuel use.



WEATHER STATIONS

Digital weather stations and rain gauges that provide guidance and weather forecast for the agricultural process, including best times/conditions for carrying out field activities. It also provides medium-term (6 months) planning and short-term (24h) forecasts.



INTELLIGENCE IN THE APPLICATION OF AGROCHEMICALS AND FERTILIZERS

Data analysis to guide the best scenario for application of inputs (according to factory guidance on best practices), reduction of spreads, product misapplication, material loss and cost reduction.



MONITORING SOFTWARE

Communication platform that process real-time data from machines in the field.



SUGARCANE CULTIVATION AND HARVEST

Management of sugarcane transport from the field to the mill, supporting stability and reducing wasted time



ARTIFICIAL INTELLIGENCE (AI)

Data generation for crop monitoring and productivity analysis



MOBILE APP

Application that uses artificial intelligence to monitor and provide field data, even without a mobile network.



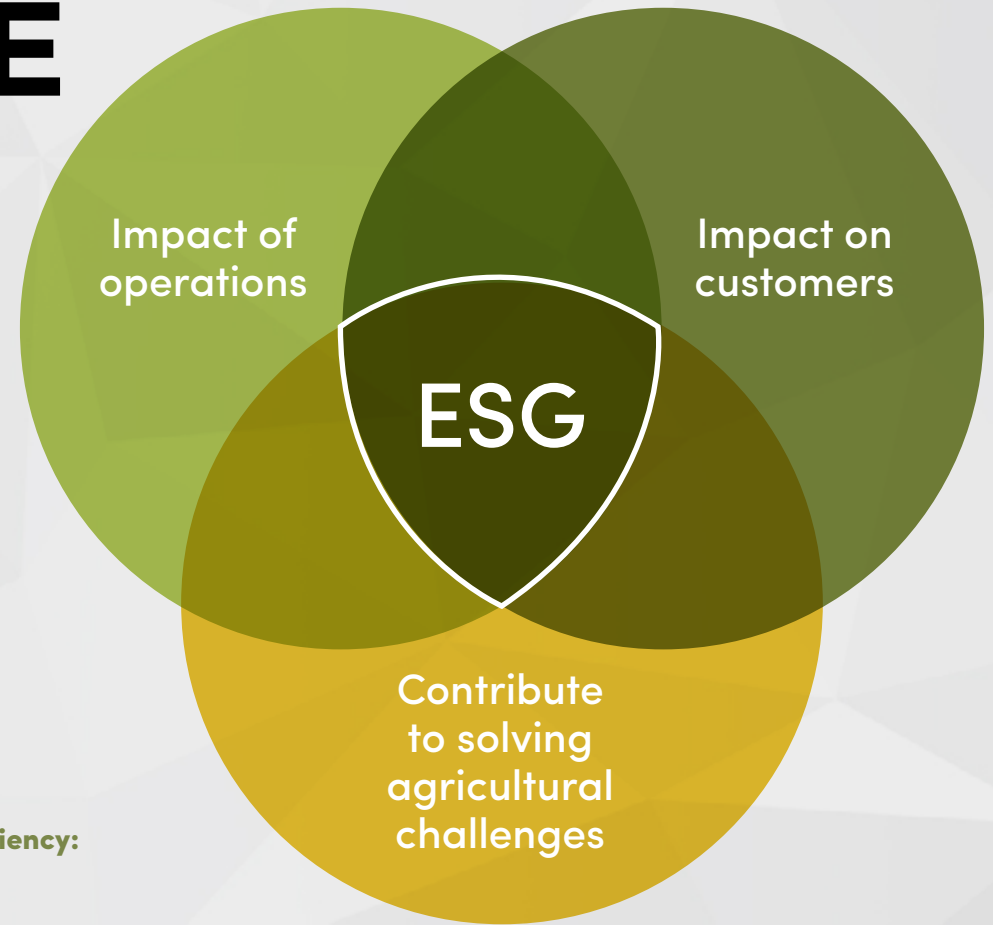
MAP SHARING

Field area management avoiding duplication of work. The system works offline and shares information from machine to machine.

PILLARS OF THE ESG STRATEGY

Understanding the needs and expectations of our stakeholders is a valuable process for building not only our sustainability pillars, **but also for developing a consistent business strategy aligned with the main practices and market trends.**

Thus, our strategy – developed from a materiality process that carried out an in-depth analysis of the main ESG trends in the sector, as well as consultation with our main stakeholders – was divided into three pillars aligned with the 9 SDGs.



_Corporate Governance

_Ethics and Integrity

_Customer Satisfaction

_Human Capital

Improve resource efficiency:

_Cost reduction

_Climate change

_Use of agrochemicals

_Innovation & Technology



CONTRIBUTING TO AGRICULTURE AND THE PLANET

PILLAR	MATERIAL TOPIC	PRIORITY	ODS	HOW WE MEASURE OUR IMPACT	WHAT WE ARE ALREADY DOING
Agricultural challenges	Innovation	1		1. Total investment in R&D	+ R\$ 40 million allocated to the research and innovation area
				2. Full engagement activities with external stakeholders to foster solutions to the agriculture challenge	R\$ 137.2 million collected in Green Agribusiness Receivables Certificates (CRA-Green)
Impact of operations	Ethics and Integrity	2		1. % de colaboradores treinados no Código d% of employees trained in the Code of Ethics and other related policies 2. Number of complaints received for non-compliance with the Code Ethics and related policies 3. % of complaints handled	1. 100% of channel complaints handled 2. 80% of employees trained in the Code and Ethics (Oct/2022)
	Customer Satisfaction	7		1. % of contracts renewed 2. Stakeholder approach, including frequency and categorized by type	1. Customer retention: +99% 2. Customer Satisfaction Survey (measured by NPS - Net Promoter Score)
	Corporate Governance	8		1. Total number of Independent Board Members 2. Governance Structure, including Committees and Board	1. An independent member on the board 2. Conselho estruturado

PILLAR	MATERIAL TOPIC	PRIORITY	ODS	HOW WE MEASURE OUR IMPACT	WHAT WE ARE ALREADY DOING
Impact of operations	Human Capital	4		Number of actions that promote resilience and greater productivity, ensuring a more sustainable food production system	> 10 milhões call for action/minuto
				% of employees by position in categories genre and age group	1. 25% of our employees are women 2. 55% increase in women in permanent positions
				1. Diversity of governance bodies and employees 2. % of women by career level	1. 719 employees in four countries (Brazil, Colombia, USA and China) 2. Women occupy 29% of management positions
Impact on customers	Mudança Climática	3		1. Total fuel consumption within the organization 2. Total fuel consumption within the organization from renewable sources 3. Electricity consumption	15% of the fleet's total fuel (scope 1) comes from renewable source (ethanol)
	Cost reduction	5		Redução das emissões de GEE como resultado direto das soluções em T métricas de CO ₂ eq	1. 363 thousand tons of CO ₂ eq were no longer emitted 2. 133 million liters of diesel
	Use of agrochemicals	6		Total area optimized with our solutions	> 10 million hectares optimized

HIGHLIGHTS

AGRICULTURE THRIVES ON INNOVATION

PRESENCE IN

11 COUNTRIES

700 +
EMPLOYEES

99% +

CUSTOMER RETENTION

10 MILLION HECTARES

MILLION HECTARES MONITORED WORLDWIDE,
WITH EMPHASIS ON THE FOLLOWING CULTURES



Cane:
sugarcane



Perennials:
coffee, citrus, and
forests (eucalyptus)



Grains and Fibers:
soy, corn, cotton, sunflower, canola,
sorghum, oat, potato, onion

CHALLENGES DRIVE US

60% growth in global
REVENUE IN 2021

+ R\$ 180 MILLION

INVOICED IN RECURRING CONTRACTS WITH AN
AVERAGE TERM OF 5 YEARS

R\$ 137.2 MILLION

COLLECTED IN AGRIBUSINESS RECEIVABLES
CERTIFICATE (CRA-GREEN)

NEARLY

363 thousand tons in CO₂
emissions avoided in 2021 through
the use of our solutions



LAUNCH OF SOLIX

primeiro robô de monitoramento em
the first large-scale monitoring robot
for food production crops. Powered by
solar energy and 100% autonomous, the
equipment has the capacity to monitor
2 MILLION PLANTS PER DAY

ACCOUNTABILITY AND TRANSPARENCY

LAUNCH OF THE 1ST
SUSTAINABILITY
REPORT

and presentation
of our ESG
strategy

ESTABLISHMENT OF
THE COMPLIANCE

area to consolidate internal
controls, training and
preventive action in the
management of risks and
opportunities



CONSOLIDAÇÃO DO COMITÊ ESG,

which will be
responsible for
discussing ESG metrics
for Solinftec solutions
and new products based
on sustainability.



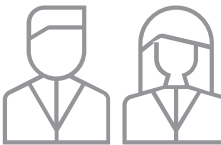
INDICATORS 2021

MAIN INDICATORS

We believe that the revolution in the countryside will take place through the balance of resources and productivity. For this, innovation is essential.

OUR PEOPLE

A reflection of Solinftec’s growth in 2021 was the significant increase in our workforce.

			
	Women	Men	Total
Brazil	150	498	648
China	5	8	13
Colombia	6	15	21
United States	18	27	45

+ diversity
Between 2019 and 2021,
the number of women
in permanent positions
rose from
100 to 181,
an increase of
55.25%.



NEW EMPLOYEE HIRES AND EMPLOYEE TURNOVER

EMPLOYEE TURNOVER	Rate		
	2019	2020	2021
COLOMBIA			
By age group			
Under 30	8%	3%	2%
30 to 50	6%	2%	1%
Over 50	2%	0%	0%
By gender			
Men	14%	5%	2%
Women	2%	1%	1%
UNITED STATES			
By age group			
Under 30	46%	23%	12%
30 to 50	33%	10%	12%
Over 50	8%	13%	0%
By gender			
Men	31%	15%	8%
Women	8%	32%	24%

MEMBERS OF THE GOVERNANCE BODY

	Número de integrantes		
	2019	2020	2021
Por gênero	5,0	5,0	5,0
Homens	4,0	4,0	4,0
Mulheres	1,0	1,0	1,0
Por faixa etária	5,0	5,0	5,0
Menos de 30 anos	-	-	0,0
De 30 a 50 anos	1,0	1,0	1,0
Acima de 50 anos	4,0	4,0	4,0
Total	10,0	10,0	10,0

RATIO OF REMUNERATION OF WOMEN TO MEN

EMPREGADOS	2021
Executive Board	0.91
Management	0.91
Specialists	0.93
Coordination	0.95
Administration	1.48
Operational	0.80

*Calculated by the average of the positions held by men and the positions held by women

INNOVATE WITH SUSTAINABILITY

Due to diesel oil savings, we avoid the average emission of 35.6 tons of CO₂eq per 1,000 hectares in our customers

	2021
Direct (Scope 1) GHG emissions*	569.32
Biogenic CO ₂ emissions	86.25
CO ₂ / CH ₄ / N ₂ O	
*Scope 1 data include only the operations in Brazil	

	2021
Indirect (Scope 2) emissions resulting from the purchase of energy*	13.007
CO ₂ / CH ₄ / N ₂ O	
*Scope 2 data include only the operations in Brazil	

REDUCTION OF GREENHOUSE GAS (GHG) EMISSIONS - (tCO₂e)

Solinftec helped its customers avoid the emission of more than 1,365,591 tons of carbon dioxide between 2012 and 2021 – a reduction equivalent to more than 167 million trees planted or the use of 3,890,573 electric cars.

	2019	2020	2021
Reduction of GHG emissions as a direct result of reduction initiatives	-246.366	-326.250	-362.981
Worldwide (customer's GHG emissions reduction per hectare)			



INTENSITY OF GHG EMISSIONS*

	2021
Direct emissions (tCO₂eq) (Scope 1)	569.32
Denominator: employees (Brazil operations)	639.00
Energy intensity	0.89
Indirect emissions (tCO₂eq) (Scope 2) arising from the purchase of energy	13.01
Denominator: employees (Brazil operations)	639.00
Energy intensity	0.02
Other indirect emissions (tCO₂eq) (Scope 3)	-362,981.73
Denominator: hectare (global operations)	10,098,048.00
Energy intensity (tCO ₂ eq/1,000 hectares)	-35.95
Scope 1 + Scope 2 arising from the purchase of energy	582.33
Denominator: hectare	10,098,048.00
Denominator: ARR (Annual Recurring Revenue)	182,041,485.72
Denominator: collaborators	639.00
Energy intensity (tons of CO ₂ eq/hectare)	0.000058

*Gases included in the calculation CO₂ (Carbon Dioxide), CH₄ (Methane) and N₂O (Nitrous Oxide)

CONSUMO DE ENERGIA DENTRO DA ORGANIZAÇÃO (GJ)

Non-renewable sources	2021 (litros)
Source 1 - Diesel	31.70
Source 2 - S10 diesel	0.93
Source 3 - Gasoline	10,811.33
Renewable sources	2021 (litros)
Source 1 - hydrous ethanol	1,323.31
Energy consumption	2021 (kWh)
Electricity - consumed (kWh per employee)	758.63



CREDITS

Headquarters Brazil and South America

Av. Brasília, 2121 – New York Tower
New York Garden – Araçatuba / SP

North America Headquarters

1281 Win Hentschel Blvd, Suite 2501
West Lafayette, IN 47906

Chief Sustainability Officer

Guilherme Guiné

Sustainability Specialist | Global

Flávia Simões

Indicator Analysis and Content Development

Ability Sustentabilidade e Comunicação

Graphic Design and Layout

[MagentaLab](#)

Images

Cristiano Requena, Pexel, Unsplash, Freepik e Noun Project

Translation

Gotcha! Idiomas

For more information about our sustainability report, contact
us at esg@solinftec.com



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