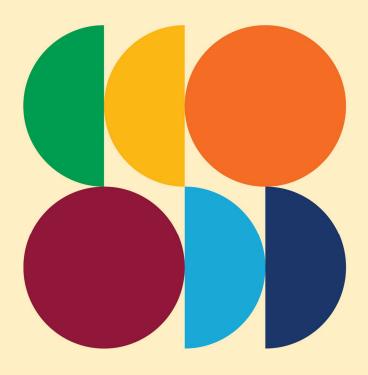






CASE STUDY

Laís Braido
Chief Financial Officer



FROM INVESTMENT TO IMPACTS
4-5 SEPTEMBER 2023, NAIROBI, KENYA

SOLINFTEC REIMAGINING FARMING OPERATIONS







Company Overview

- Solinftec is digitizing and applying innovative tools in farming operations to make it more efficient and productive
- Real time data, software and robotics are driving operations to better yields, reduce inefficiencies (less chemicals/fertilizers, equipments, fuel, and others)
- Solinftec was founded in Brazil in 2007, expanded it's presence in 11 countries (South and North America) and it has over 31 million acres under management in row crops, sugarcane and perennials

Financial Transaction with GCF

 In April 12, 2022, Lightsmith Group (CRAFT) led the company's Series C round with \$23 million in equity funding



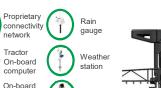
- Lightsmith focuses in climate adaptation and resilience technologies
- The funding allowed Solinftec to grow 44% in revenues after investment and to deploy Solix Robotics

Solutions

Farming Operational System



On-Farm Sensors



SOLIX Robotics



Nature Positive Impact



89,3%
Chemical reductions with Solix



95,381,988 Kg Fertilizers reductions



748,094,092 Liters of fossil fuel

of fossil fue avoided



2,031,898 tCO2eq GHG emissions

avoided



WE STARTED OUR JOURNEY BEING THE FARMER'S **OPERATIONAL SYSTEM**

- 1) Solinftec delivers sensors and a connectivity network to capture real-time field level data; this data allows Al and software to optimize on-farm operations
- Cost-effective and timely actions are key for large scale agriculture
- "Living in the field": 24/7 SENSING, DIAGNOSING and **ACTING**

Farming Operational System







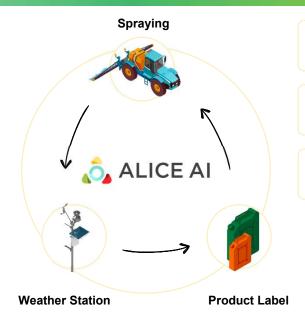


HOW OUR SOFTWARES WORK? EXAMPLE OF USE





Base Solution: Weather conditions monitoring connected with spraying operations



- ✓ Real-time weather conditions data (actual & forecast)
- ✓ Integrated with the farmer's operational plan, forecasting best conditions to apply a specific product
- ✓ Avoids misuse of the products, machine overlap and makes every application more efficiency, allowing the farmers to reduce the amount of input used



10-20% reduction in chemicals



Adaptation to climate conditions



WHAT'S NEXT? SOLIX PLATFORM ROBOTICS FOR AGRONOMY D

ROBOTICS FOR AGRONOMY DECISIONS AND ACTIONS AT SCALE





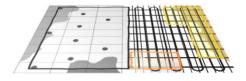












Decisions driven by plant level scanning

Today

Solix scounting

THE NEED OF "LIVE IN THE FIELD"
TO RE-BALANCE THE FARM ECOSSYTEM





SOLIX PLATFORM

SOLAR POWERED AUTONOMOUS PLATFORM

RE-THINKING OPERATIONS IN AGRICULTURE



M

SPRAYER | SOLIX PLATFORM "GARDENING AT SCALE"

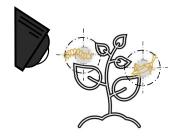
SMART, LIGHT AND AFFORDABLE



SOLIX SPRAYER



FREQUENT PLANT-LEVEL DIAGNOSES



FUNDAMENTAL CHANGE: Plant-level identification in every 7 days. Frequent agronomy data sense and diagnose

Lower cost of operations allow frequent workflow in the field

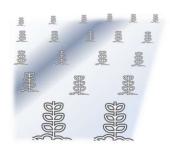
PRECISE APPLICATION



SPRAY WITH DRASTICALLY LESS CHEMICALS: early and precise application. Direct spraying avoids chemical drifts

REDUCES 89.3% of chemical vs. conventional sprayer

SUSTAINABLE LAND MANAGEMENT



HEALTHIER SOIL: reduced amounts in the soil and prevent run-off to water table and rivers. Also, lighter machines avoids soil compaction

Better yields for the crop and regenerative agriculture

SUMMARY ON POSITIVE NATURE IMPACT





Today's Overview

- AGRICULTURE occupies a central position when it comes to nature and climate change. It's both vulnerable and dependant to nature and weather, but also a real contributor to positive impacts
- TODAY'S IMPACTS due to excessive chemical/fertilizer spraying:
 - Pollinators: +75% of food production relies¹ on pollinators, but we see a 40% reduction² on their populations in recent years
 - Soil Health: 20% loss on soil fertility³ of world's cropland due to agriculture practices
 - Water polution: run-off from excessive use of fertilizers and chemicals into local streams and rivers and ultimately into seas and oceans

Positive Impacts of our Solutions

- 1) Software Platform Incremental change:
 - 10-20% reduction on chemicals and fertilizers sprayed due to better efficiency on conventional operations
 - · Weather condition adaptation
- 2) Solix Robotics Transformative change:
 - Up to 90% chemical reduction and reduced soil compaction
 - Solutions on the roadmap variable rate fertilizer application and soil tillage

Future Vision: Regenerative Agriculture

By "living in the field" - Bring back the biodiversity and rebalance the farm ecossystem, protecting soils and water and increasing food productivity



CRAFT TRANSACTION WITH SOLINFTEC





Financial Transaction

 In April 12, 2022, Lightsmith Group (CRAFT) led the company's Series C round with \$23 million equity funding



- Lightsmith focuses in climate adaptation and resilience technologies
- Climate change and weather affects directly farmers; Solinftec has solutions to make farming more responsive to adapt to these effects

Support to Company's Growth

- The funding allowed Solinftec to grow 44% in contrated revenues (today the company has over US\$60 million ARR – Annualized Recurring Revenue)
- Deploy Solix and expand to new markets supported final stages of product development and facilitated connections with North America and Africa (markets to expand Solix Technologies)

Benefits from the Investment

- Board seat serving at Board with strategic advices and connections for future fund raises for the company
- First investor outside Brazil supports the company with global connections with financial institutions (private equity firms, development banks, etc)
- Access to Technical Assistance grants funded by US State
 Government and Nordic Development Fund facilitate investment
 to increase the positive impacts of the company

What's Different from Other Investors?

- The investment process Solinftec went through with Lightsmith was pretty similar to any other private equity firm
- The only thing the company needed to adapt is the reporting process on ESG metrics, but this is something every company will need go through at some point. For this, they provided support with experts on their team to support Solinftec







THANK YOU

