MEETING THE GLOBAL CHALLENGE

Farmers need to produce more using less and being more sustainable

PRODUCE MORE FOOD  \rightarrow MORE NUTRITIONS FOOD  \rightarrow ON LESS LAND

IN A SCENARIO OF CLIMATE CHANGE  \leftarrow WITH LESS PESTICIDES  \leftarrow WITH LESS WATER

HOW TO MEET THIS DEMAND?
THE ANSWER IS DATA
We bring digital agriculture to developing countries with low Internet infrastructure under tropical agronomic conditions.”
### Environmental Conditions

**Temperature**
- 28,00°C
- Humidity: 70%

**Wind**
- Speed: 2.5km/h
- Gusts: 0.0mm

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**Connected**

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<table>
<thead>
<tr>
<th>Plot 1</th>
<th>Plot 2</th>
<th>Plot 3</th>
<th>Germinação 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>![Soil image]</td>
<td>![Plant image]</td>
<td>![Soil image]</td>
<td>![Germination image]</td>
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HISTÓRICO

Google Developers Launchpad Accelerator
THRIE
START UP brasil
DEZ/2014

THOUGHT FOR FOOD
NEXT GENERATION THINKING
SINGULARITY UNIVERSITY
ABR/2015

CLIMATE VENTURES 2.0
SINGULARITY UNIVERSITY
JUN/2016

KAIROS SOCIETY
SP VENTURES
BLACKBOX
CASE STUDY

Increasing the sustainability and resilience of guava producers

1) Reduce water consumption and increase yields

2) Increase transparency and traceability in the supply chain

3) Reduce climate risks and improve resilience

leão
ALIMENTOS E BEBIDAS
São Roque do Canaã, ES
Guava farmers
Drip Irrigation
• Climate monitoring system and irrigation recommendations
• Specific for each smallholder farm
• Shared economy model
Engagement of producers is key to the success of the project.
Real-time value chain monitoring
Recommendations and insights for improving management
Indicators and KPIs for Sustainability Assessment
Customizable reports

Tailored recommendations and actionable insights for each plot
KPIs and benchmarks enable producers to improve efficiency and increase incomes
Producers more adapted and resilient to climate change