TRANSFORMING LIVES THROUGH SUSTAINABLE AGRICULTURE

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Safi Organics

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38 Mn small holder farmers in Sub-Saharan Africa do not have access to high quality, environment friendly fertilizer

- Logistical complexity of fertilizer imports
- Unavailability of soil specific fertilizer
The environment pays heavily

Unused biomass in Sub-Saharan Africa and India = 4 billion tons/year
Burning contributes to 18% of global GHG
Our Product - Safi Sarvi
Our decentralized process enables high quality localized fertilizer production in under 4 hours

Overall process: 2-4 hours

1. Collect
2. Torrefy
3. Grind
4. Mix
5. Packaging
Why is Safi Sarvi superior

- Mitigates 2.2 tons of CO2 equivalent per ton of product
- Reduces particle emissions from crop residue burning by 95%
- Reduces 1.8 tons of waste per ton of product
- Increase farmers’ yields by 30% and income by 50%
- Creates decentralized, rural livelihood and jobs
- Improves soil health, nutrient retention, reduces irrigation needs by 30%
Our typical beneficiary

Mr. Kibuchi, a 38-year-old onion farmer

- Owns a one-hectare plot
- Earns $300 per harvest season
- Witnesses a decline in yields year after year
- Fears that his farm will not provide enough food for his children
After using Safi Sarvi

- Soil pH restored from 4.8 to 6.5
- 30% increase in yield
- 50% increase in income

An increase in income meant:

- 2 children sent to school
- Purchase of a second-hand tractor

In Kenya alone there are 4.5 million small holder farmers like Mr. Kibuchi and more than 38 million in Sub-Saharan Africa
We currently serve 3,200 farmers in Kenya

- 6,000 TONS Carbon sequestered annually
- 1,200 TONS Crop residue put to economic use annually
- $600,000 Additional income generated
- $800,000 Employment value generated
By 2021, we plan to expand to 5 regions in Kenya

- 5 regions, 9 villages
- More than 50,000 farmers
- Fertilizer production capacity of 3,500 tons/year

In the next 5 years, we plan to serve 80,000 farmers and impact 960,000 beneficiaries across 8 regions in Kenya.
### Financing Ask

<table>
<thead>
<tr>
<th>Funding Amount</th>
<th>Type of Funding</th>
<th>Valuation</th>
<th>Financial Return</th>
</tr>
</thead>
<tbody>
<tr>
<td>USD 500,000</td>
<td>Equity and grants</td>
<td>$2,000,000</td>
<td>35% p.a.</td>
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</tbody>
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Use of Funds

- **Maximize on current facility** (Dec 2019)
- **Acquisition of carbonizing machine** (Feb 2020)
- **Purchasing Granulating machine** (June 2020)
- **Expansion into Narok, Meru, and Busia Regions** (Dec 2020)
$500,000 INVESTED IN US WILL ENABLE 80,000 SMALLHOLDER FARMERS IN KENYA TO HAVE ACCESS TO A TAILOR-MADE, HIGH-YIELD, AND CARBON-NEGATIVE FERTILIZER OVER THE NEXT 3 YEARS AND HELP THEM RISE OUT OF POVERTY.