

# Empowering Communities Through Sustainable Agriculture

A \$34,000 initiative transforming food security in Northern Namibia through women-led conservation farming



# Empowering Through Agricultural Education and Training

## **Mission:**

- Establish sustainable agricultural ecosystems empowering women through Conservation Agriculture training and education

## **Vision:**

- Create self-sustaining food security networks supporting three primary schools in Northern Namibia



### Foundation Building

Send multi-lingual team to Zimbabwe for Foundations for Farming certification program



### Knowledge Transfer

Implement multilingual training, preparing 30 committed community leaders in Conservation Agriculture methods



### Practical Application

Establish demonstration 3-hectare farm showcasing small-scale, high-yield agricultural techniques and best practices



### Educational Integration

Partner with **Fortune Kanguuehi** to develop comprehensive agricultural curriculum for integration into primary school programs

## **Approach to Sustainability:**

- Generate revenue through strategic partnerships with local lodges

# Community Engagement and Outreach Framework



# Northern Namibia: Community Impact

## Critical Food Security

Primary school children makeup the 96% critical population which will be supplied with the bulk of each harvest-peak

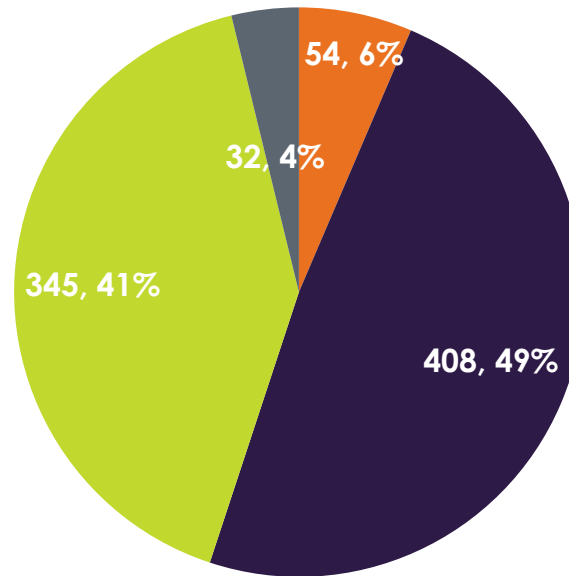
## Produce & Education

The 32 workers for Farm to Empower will receive abundant rations for self and family consumption as well as to provide for sale

## Final Harvest Distribution

The remaining harvest will be distributed to local lodges. These lodges will, in turn, contribute to local education and feed primary schools in the area, reinforcing a cycle of community support and sustainable practices.

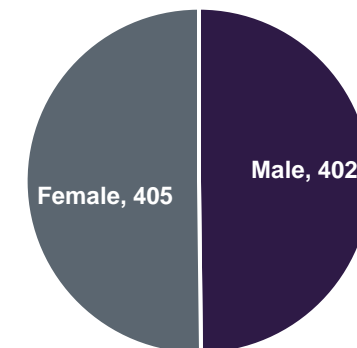
## Community Distribution



- Ondao Primary School
- Kephaz Muzuma CS School
- Otjetjekua Primary School
- Farm to Empower

Grade	Kephaz Muzuma	Otjetjekua Primary School	Ondao Primary School	Total
Pre-Grade	23	16	8	47
1	35	59	7	101
2	20	44	5	69
3	41	63	6	110
4	43	28	9	80
5	38	54	7	99
6	25	46	6	77
7	26	35	6	67
8	75			75
9	34			34
10	32			32
11	16			16
<b>Total</b>	<b>408</b>	<b>345</b>	<b>54</b>	<b>807</b>

## Student Population by Sex



# Seven-Month Implementation Timeline

**Month 1:  
Infrastructure**  
\$5,420 USD

Complete borehole drilling (17Jan) and perimeter security installation for demonstration farm site

**Month 2:  
Capability**  
\$2,400 USD

Schedule second training program for core team members in Zimbabwe (Feb 2025)

**Month 3:  
Resources**  
\$24,200 USD

Purchase & install solar-powered irrigation systems and acquire essential farming equipment (March 2025)

**Month 4:  
Production**  
\$3,000

Complete garden planting and establish produce storage facilities (April 2025)

**Month 5:  
Education**  
\$650

Implement agricultural education program across three primary schools (May 2025)

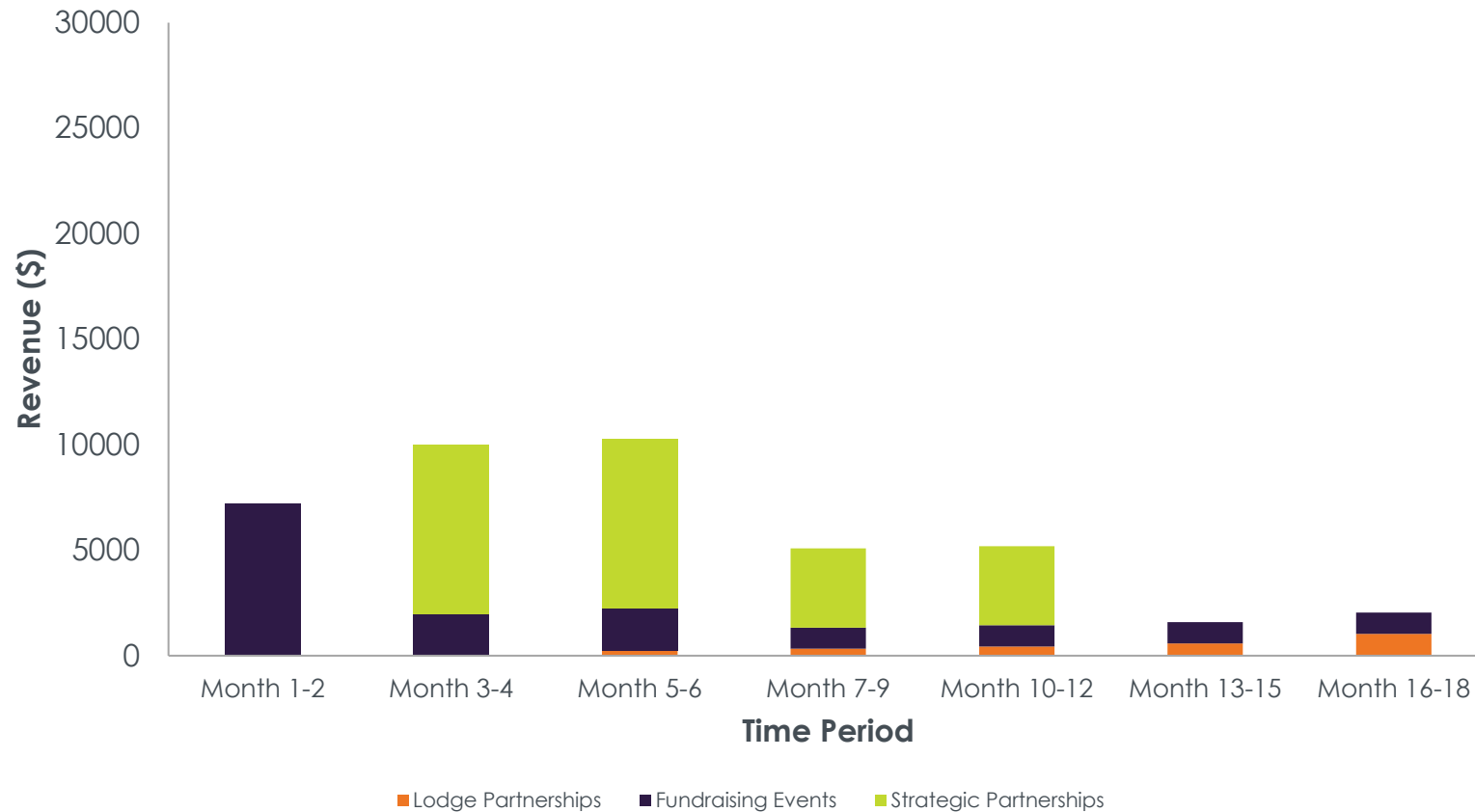
**Month 7:  
Distribution**  
\$950

Launch initial produce distribution network to partner primary schools (July 2025)



# Sustainable Revenue and Fundraising Strategy

Projected Revenue Streams (18-Month Plan)



Lodge partnerships conservatively projected to generate \$1,000 by month 13, representing 10% of annual operating expenses

Fundraising events show make up 24% of start-up capital

Strategic partnerships forecasted to contribute \$11,750; model denotes a matching fund program from the Namibian Government



# Key Expenditure Categories and Cost Breakdown

Expenditure Line Item	Amount (USD)
<b>Bore Hole Drilling</b>	\$5,420
<b>Capability Training</b>	\$2,400 (4 trainees)
<b>Capital &amp; Farm Resources</b>	
Submersible Deep Well Pump	\$6,000
Fencing Materials	\$2,500
Solar Panels	\$7,000
Farming Equipment (Essential Tools)	\$2,700
Fiberglass Water Tank (10K Liters)	\$3,000
Storage Facility Conversion (Existing Structure)	\$3,000
<b>Education</b>	
Transportation for Students & Educators (11 mos. Period)	\$500
Educational Materials	\$150
<b>Distribution</b>	
Transporting Produce (11 mos. Period)	\$950
<b>Total Expenditure</b>	<b>\$33,620</b>

# Measuring Success and Community Impact



## Food Security Metrics

Track monthly food distribution volumes supporting consistent school meal programs



## Economic Indicators

Monitor revenue generation achieving 75% reinvestment in program expansion



## Educational Impact

Measure student participation and knowledge retention in agricultural programs



## Community Development

Assess women's leadership advancement through bi-annual capability assessments



# Farm to Empower Achievements March 2024-November 2024

## March 2024

- **Hosted Two Fundraisers (March 2024 & November 2024):** Raised a total of **\$7,100** to support the farm's development and operations.

## June 2024

- **Secured 3 Hectares of Farming Land:** Acquired a strategic location for the farm, expanding agricultural operations.
- **Hydrogeological Survey Completed:** Engaged a Hydrogeologist to identify water sources, confirming an abundant underground reservoir with a capacity of approximately 16,000 liters per day.
- **Terrain Surveyed by Pulitzer-Winning Geologist:** Conducted a terrain survey, confirming the area is suitable for drilling.

## October 2024

- **Met Local School Administrators:** Initiated discussions with administrators from **3 local schools** to begin planning an agricultural curriculum for students from **Pre-Grade to Grade 11**.
- **Community Lodge Agreement:** Established a partnership with **Hobatare Lodge**, committing to purchase excess farm produce, fostering local commerce.
- **Collaboration with Hendrik Gaobaeb:** Co-Founders of **Farm to Empower** met with **Hendrik Gaobaeb** at Hobatare Lodge, National Council Member, to assess the **16km path** from the main road to the farm. Mr. Gaobaeb also pledged to provide food and water for **30 community farm members** working on fencing and de-bushing the land.
- **Partnership with Chef Fortune Kanguuehi:** Collaborated with **Fortune Kanguuehi**, a prominent local chef, to teach school administrators how to maximize nutritional value in produce. (See her Ted Talk [here](#).)

## November 2024

- **Secured Drilling Contract:** Finalized a contract with **African Drilling** to drill the farm's borehole on **January 17, 2025**.

# Risk Management and Mitigation Strategies

- Establish community supported security through monitoring post installing tamper-resistant mounts to deter theft and unauthorized access

- Implement solar-powered systems ensuring consistent water and energy supply

- Invest knowledge back into the community and farm-team; establishing multi-lingual experts for continuous community training efforts

- Diversify funding streams through multiple partnership and grant opportunities



# Join Our Mission: Partnership Opportunities



01

## Investment Impact

Support \$34,000 initiative transforming agricultural education and food security

02

## Strategic Alliance

Partner with established NGOs leveraging existing infrastructure and expertise

03

## Sustainable Growth

Participate in scalable model expanding impact across additional communities