



## **Impact Highlights of Tsavo Trust's 10% Fence Plan: Mitigating Human-Elephant Conflict**

### **1. Introduction**

This summary report presents key success statistics for Tsavo Trust's 10% Fence Plan, a strategic initiative aimed at mitigating human-elephant conflict. The report focuses on the impact of four fences funded by the Exodus Travels Foundation, with two fences located in Kamungi Conservancy and the other two in Shirango Conservancy. This initiative has significantly contributed to the coexistence between local communities and wildlife.

### **2. Impact Highlights**

#### **2.1 Acreage of Fenced Area**

A total of 22 acres of community farmlands have been fenced, effectively protecting these areas from human-elephant conflict.

#### **2.2 Number of Beneficiaries**

A total of 47 community members are directly benefiting from the project.

#### **2.3 Human-Elephant Conflict**

Before the implementation of the 10% fence plan, the four households involved lost an average of 75% of their crops to crop-raiding wild animals, particularly elephants. The households also reported property destruction such as water tanks, and human threats. Since the fences were installed, there have been no reported incidents of human-elephant conflict among these households. The fence has been 100% effective in deterring elephants from community farmlands.

#### **2.4 Human-Wildlife Conflict**

While the fence was primarily installed to mitigate human-elephant conflict, no households have reported conflicts with carnivores or other medium and large game, such as impalas and buffalos. This demonstrates the broader protective benefits of the fence for the community.

#### **2.5 Food Security**

The households participating in the 10% Fence Plan reported significantly improved harvests. On average, each household harvested: 135 kilograms of maize, 205 kilograms of cowpeas, and 285 kilograms of green grams. This represents an increase of over 70% in crop yields compared to previous years. These harvests are expected to sustain the households for a duration of 3 to 6 months, greatly enhancing their food security and reducing the risk of hunger.

## **2.6 Livelihood**

All four households involved in the 10% Fence Plan reported substantial improvements in their livelihoods. The enhanced crop yields have not only provided a reliable food source but have also contributed to better economic stability and well-being for these families.