



# **IMPACT OF CLIMATE CHANGE AND AID CUTS IN KENYA**

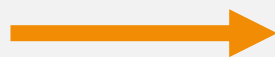


# How It All Started

In 2001 Moses Was Found



# TODAY, MOSES 21 YEARS LATER A QUALIFIED DENTIST





# THE NASIO TRUST - WHERE WE WORK



- Mumias West, Kakamega County, Kenya
- Near Lake Victoria and the Equator
- Malaria endemic zone
- **4.8% rate of HIV positivity** in Kakamega County
- **80% of the population aged 35 or below.**
- **75% of the rural population is involved in agriculture**



# WHAT WE DO

The Nasio Trust is a grassroots charity first set up in 2001. We support vulnerable children and empower communities in Kakamega County, Kenya to **break the cycle of poverty** and thrive. Our work focuses on three key areas:

- Education
- Healthcare
- Sustainable Livelihoods





# EUNICE'S STORY



# MY ROLE AS A SOCIAL WORKER



Social Work and Child Welfare



Women Empowerment

## Food Security Challenges

- **Rising malnutrition** due to food insecurity
- **Poverty** forces parents to leave children with relatives to seek work.
- **Small farms** can't meet household needs, and **climate change** is driving crop failure.
- **High population density** and large families increasing food insecurity

# CASE STUDY – CHILD A 4 YEARS OLD

**Before**



**After**





# RAJAB'S STORY



# A DAY IN THE LIFE OF RAJAB





# HEALTH AND TROPICAL DISEASES



- **HIV/AIDS:** Prevalence stands at **4.8%**, significantly impacting public health.
- **Hepatitis B:** A serious HIV co-infection; **first local screening launched in 2024.**
- **Jiggers:** A painful parasitic condition affecting feet; **250 people treated** last year.
- **Malaria:** **50+ cases monthly**, especially affecting children and pregnant women.
- **Tuberculosis:** A leading cause of death among people living with HIV.
- **Pregnancies:** 50 babies delivered each month. High rates of teenage pregnancy increasing youth vulnerability.





# Jiggers

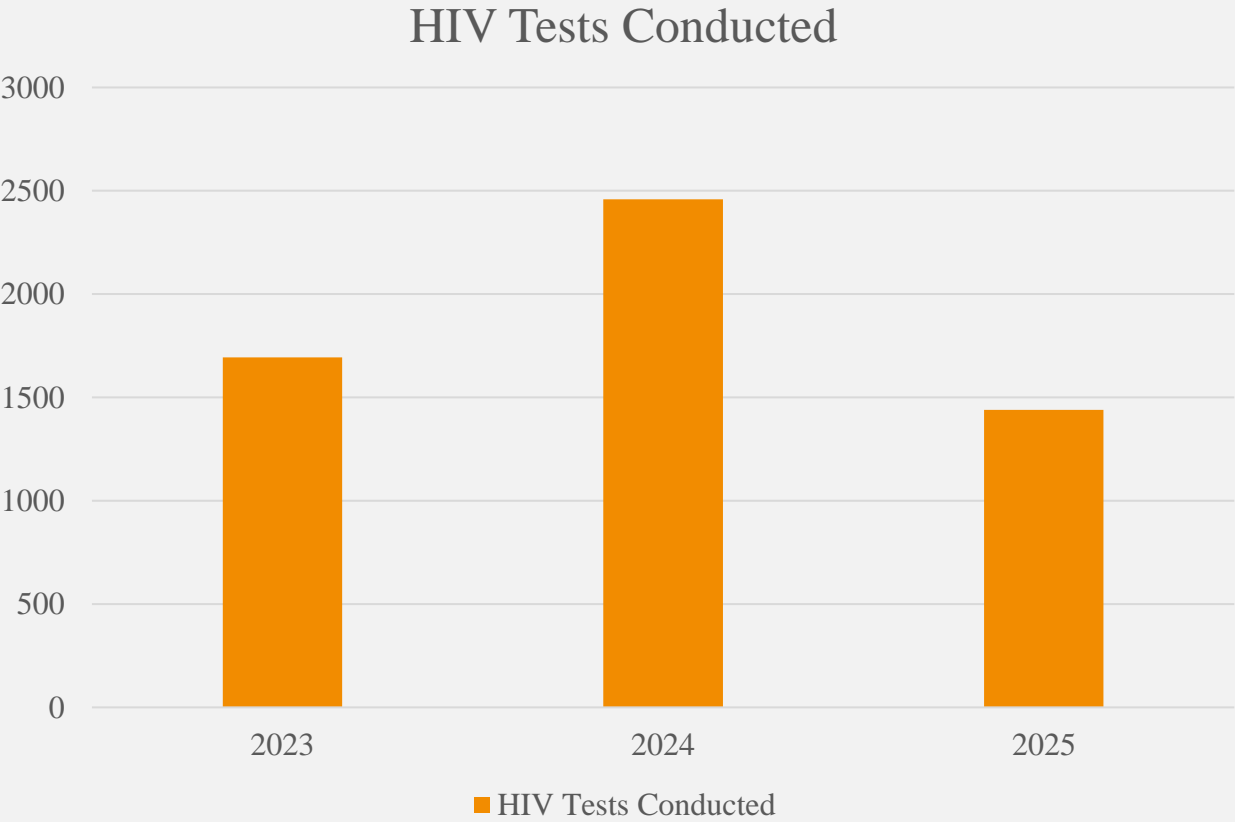
- *Tunga penetrans* (AKA also known as the jigger flea, chigoe, chigo, chigoe flea, chigo flea, nigua, sand flea, or burrowing flea)
- Adult flea burrows into the host, engorges itself on blood expanding up to 80x. Expels eggs into the soil
- Treatment – surgical extraction

# OXFORD UNIVERSITY HOSPITALS & NASIO



- In partnership with **Oxford University Hospitals**, we've launched the **first free testing service** in Kakamega. We are closely working with
  - Dr Katie Jefferey – Professor of Microbiology
  - Dr Louise Downs – Wellcome-KEMRI fellow
- **900 tests completed** to date, with **2 positive cases detected**.
- Untreated Hepatitis B can lead to liver failure and cirrhosis.

# A GLANCE AT OUR HIV PREVENTION PROGRAMME



- 154 active adult ART patients
- 14 infant patients on treatment



# USAID FUNDING FREEZE AND UK CUTS

## USAID Funding Freeze and Funding Cuts on HIV Care Globally:

- No access to HIV treatment due to disrupted supply chain
- Rising HIV Infections – Delays in testing and prevention are fueling new cases
- Increased Infant Deaths – No support for HIV-positive mothers puts babies at risk
- Increase in Tuberculosis and Malaria incidence due to lack of vaccines and medication
- Reduction in HIV research due to lack of funding
- Loss of jobs in the development sector



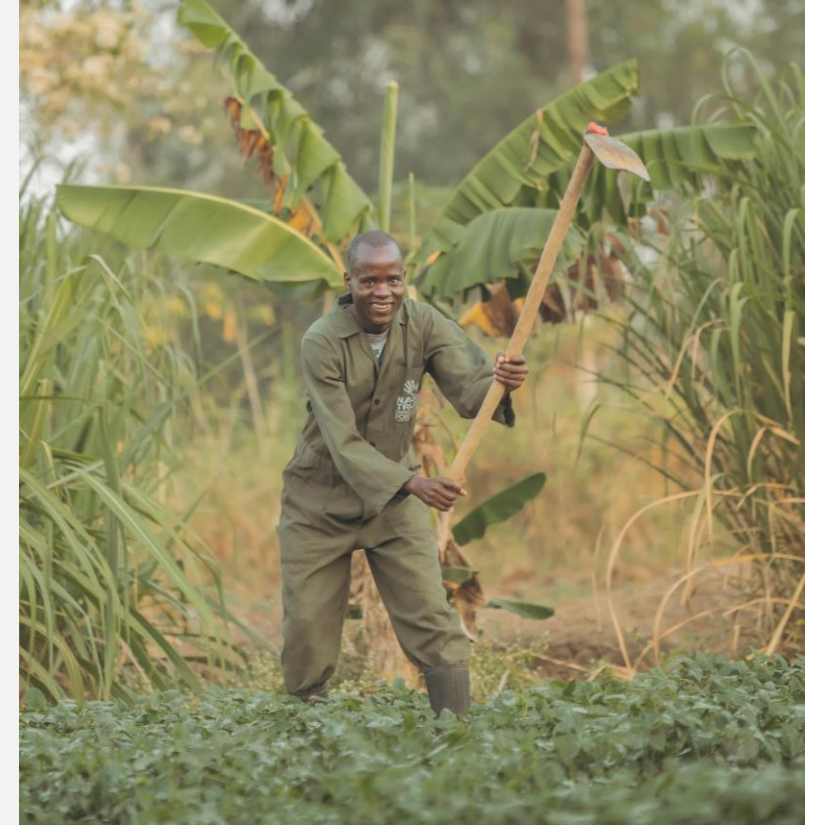
# CLIMATE CHANGE AND ITS IMPACT

- **Increasing poverty:**
  - Estimated 1.1 million people living in poverty by 2050 due to climate change
  - Decreasing household incomes
- **Increasing food insecurity:**
  - Decreasing agricultural yields leading to food insecurity
  - Increased youth vulnerability
- **Poor health outcomes:** increased the prevalence of diseases like malaria and waterborne illnesses. HIV cases are on the rise due to a lack of resources.



# THE WALKER INSTITUTE , UNIVERSITY OF READING

- **Regenerative Agriculture:** Nasio is partnering with the **Walker Institute** to launch a regenerative farming project across various locations in Kenya.
- **Climate Response:** The project addresses the impact of climate change by restoring soil health and improving food security.
- **Community Impact and Climate Resilience:** Focuses on empowering smallholder farmers, especially women, with long-term, sustainable solutions.





# THE WALKER INSTITUTE AND EVIDENCE FOR DEVELOPMENT

- Phase I of our programme used EfD's **Individual Household Methodology (IHM)** to assess livelihoods in Kakamega County.
- Findings showed **over 16% of households live in extreme poverty**, earning less than **\$300 a year**.
- This data will now guiding the **Walker Institute's *My Climate Risk*** framework to improve climate resilience
- We are designing **context-specific regenerative agriculture solutions** that meet local needs.
- This is will help Nasio improve agricultural practices in the community and increase incomes.



# HOW YOU CAN GET INVOLVED



- **Volunteer with us in Kenya** to understand the issues further and make direct impact at the grassroots
- **Donate your research expertise** to help and understand us meet essential community needs.
- Connect us with your **alumni association** for further fundraising opportunities
- **Link us with your network and contacts** who might be interested in working with us.
- **Donate £5 a month** to help a whole family receive free healthcare



**Thank you !**

**Any Questions?**





To find out more, please reach out to us at

Email: [info@thenasiotrust.org](mailto:info@thenasiotrust.org)

Phone: +44 01235611200

Visit Our Website Using  
the QR Code

[www.thenasiotrust.org](http://www.thenasiotrust.org)

