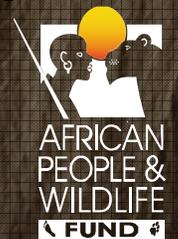




A 21st Century Approach to African Wildlife Conservation:
Helping Africa's People Engage
in the Conservation Arena





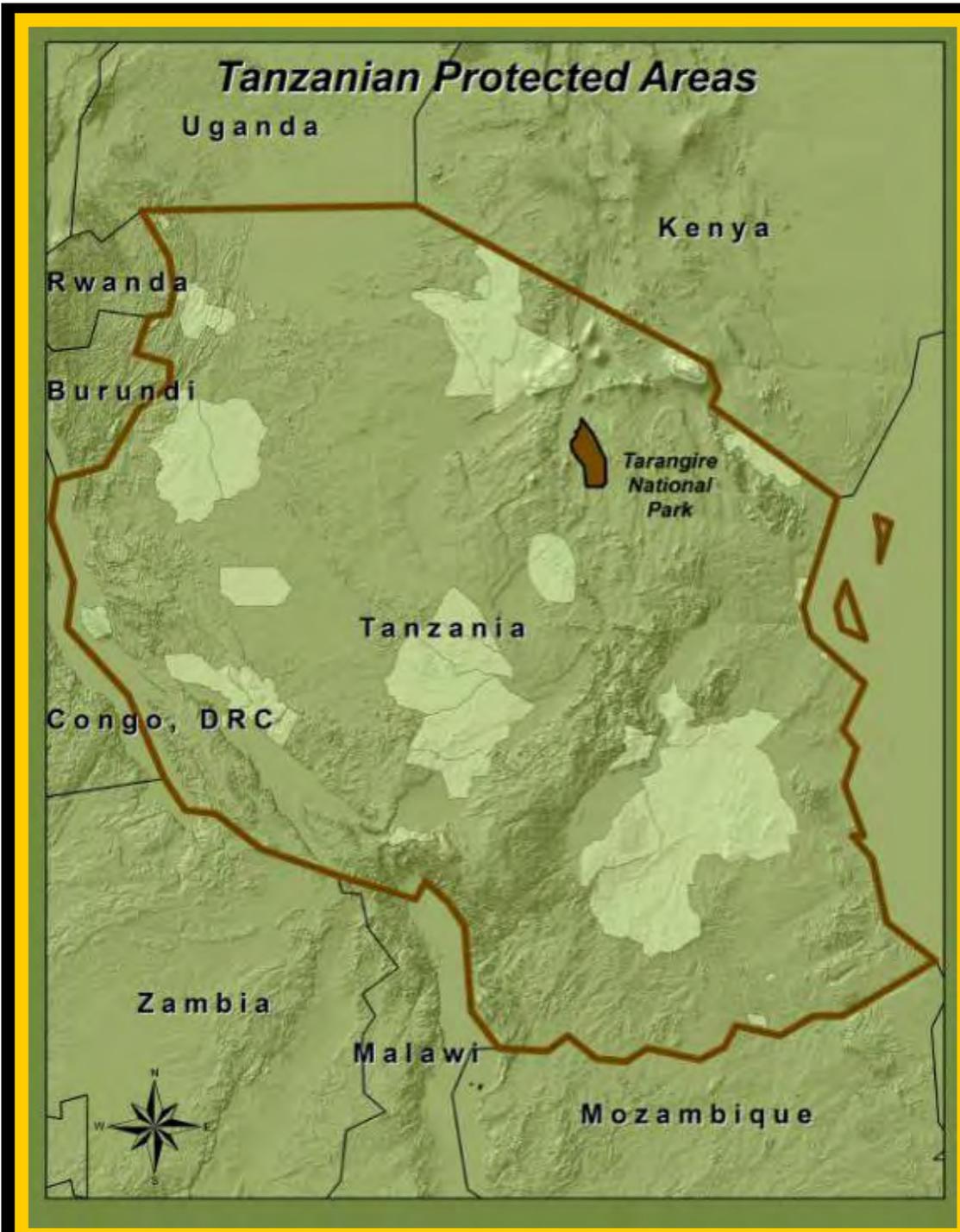










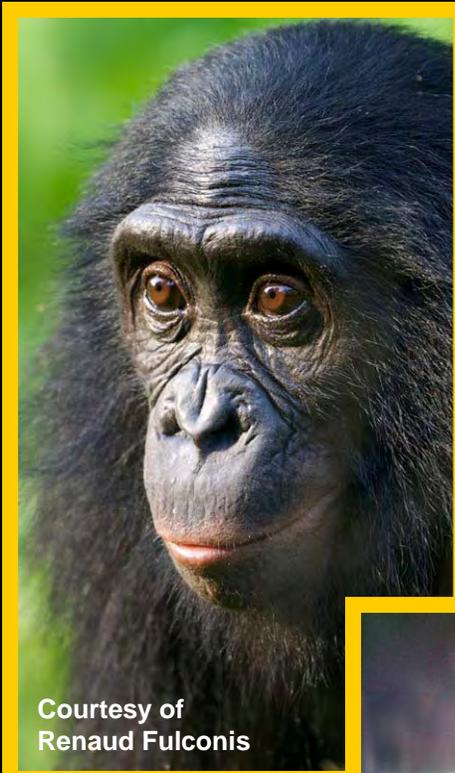


20th Century Conservation

Nearly 30% of
Tanzanian land
under protected
area status



Courtesy of Renaud Fulconis



Courtesy of
Renaud Fulconis

20th Century Conservation

Major
advances in
single species
research



Courtesy of Ken Coe

**BUT, animal
populations have
declined in over
50% of census
areas in Tanzania
in last 20 years**

(Stoner et al 2006)

**Wildlife populations
declined by 41% in
Kenya's National
Parks between 1977
and 1997**

(Western et al 2009)







75% OF TANZANIA'S PEOPLE LIVE IN RURAL AREAS









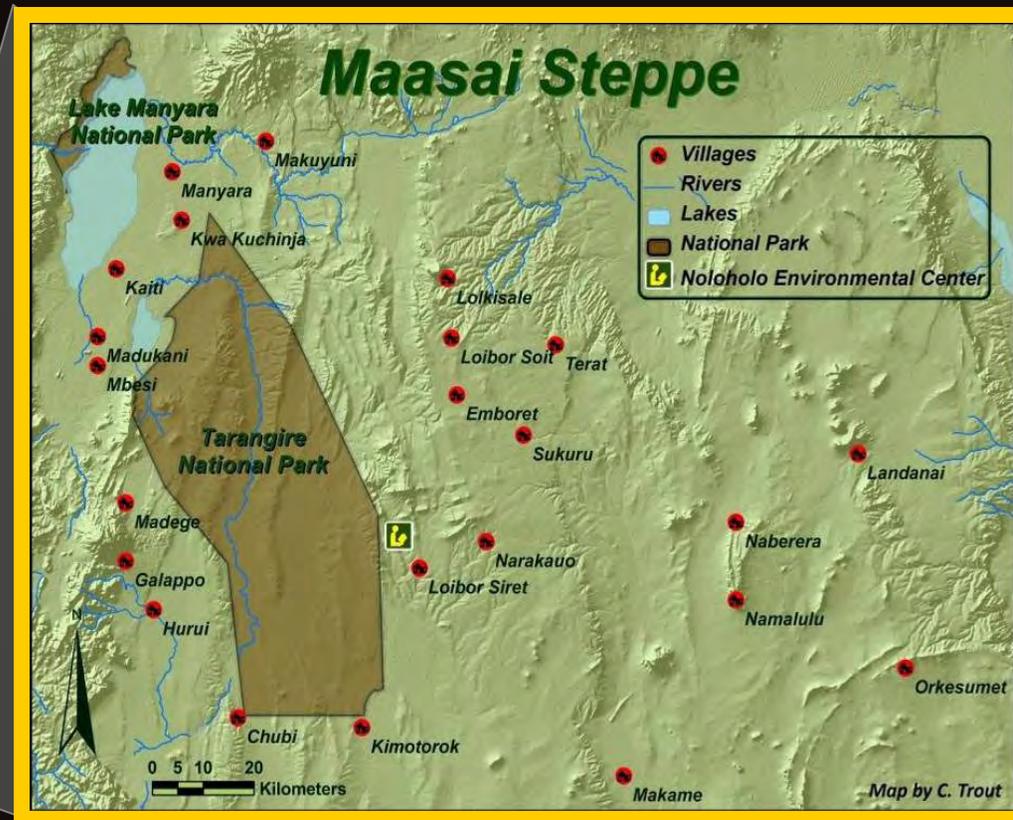
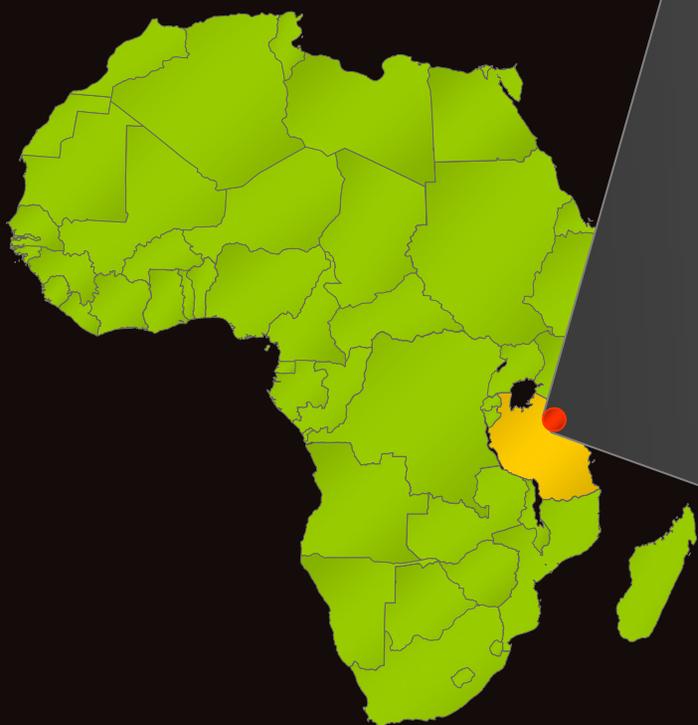
**LAND DEGRADATION AND CONFLICTS
THREATEN PEOPLE AND WILDLIFE**



03/27/2009



THE MAASAI STEPPE NORTHERN TANZANIA



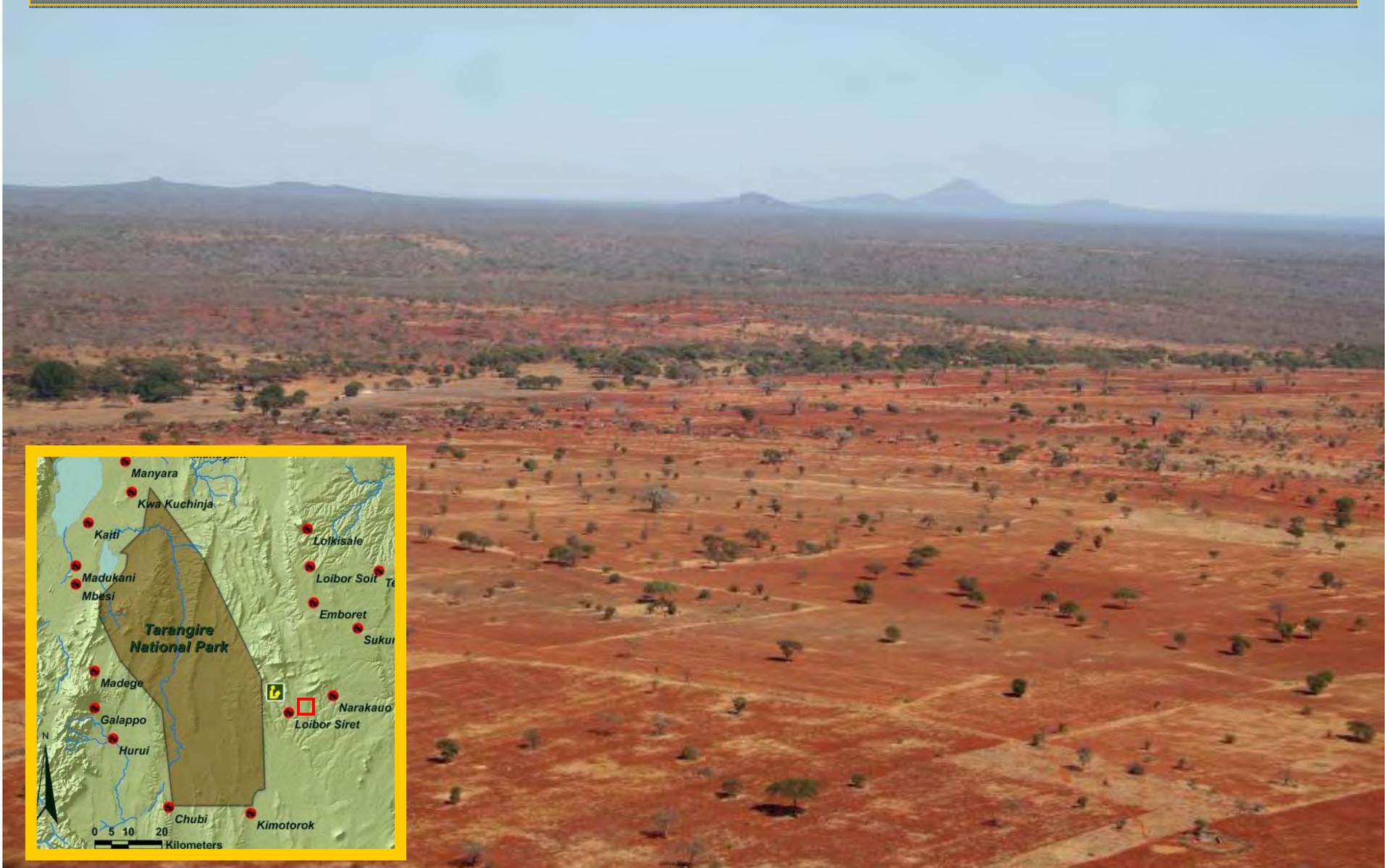
- The Maasai Steppe hosts the second largest concentration of wildlife in Northern Tanzania – predominantly outside formally protected areas (PAs less than 9% of the landscape)
- Wildlife is free-ranging and includes rare and endangered species (lion, wild dog, cheetah, elephant, fringe-eared oryx etc.)
- No fencing





Photo Courtesy of David Blinken

Threats include increasingly degraded environment and failing pastoralist systems as traditional governance of natural resources erode and agricultural expansion reduces rangeland availability





THE AFRICAN PEOPLE & WILDLIFE FUND HELPING AFRICANS CONSERVE NATURAL RESOURCES





CRITICAL VARIABLES FOR LONG-TERM SUCCESS



Rights

Good Governance

Capacity Building

**Active Community Management of
Natural Resources**

Conservation Leverage (Benefits)





APW HEADQUARTERS: THE NOLOHOLO ENVIRONMENTAL CENTER



10 Acre Campus Including Educational Center, Staff Offices, 32 Bed Dormitory, Visitor's Cottage and Featuring Green Design Including Rainwater Harvesting and Solar Power





NATURAL RESOURCE ACTION PLANNING A COMMUNITY'S RIGHT





IMPROVING GOVERNANCE

Emerging principles of Reto-o-Reto committees for natural resource management in the Maasai Steppe include:

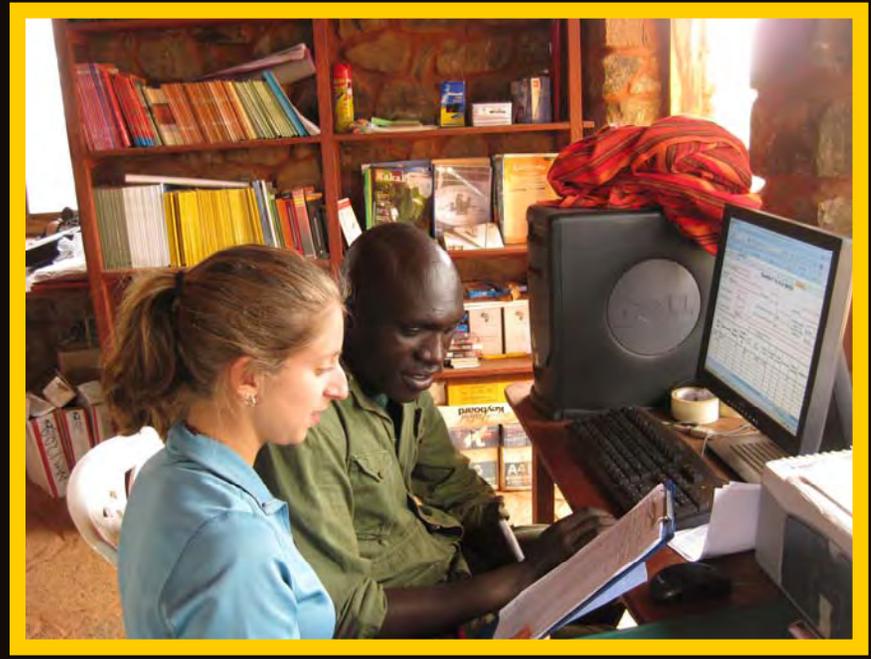
- Formal ratification in village government and general assembly meetings
- Democratic election of the committee with rotation of the board
- Clear mission and vision statements with organizational roles defined
- Gender and sub-village representation on the committee
- Regular reporting of activities to the community





CAPACITY BUILDING

Natural Resource Management Training





A CONSERVATION SUCCESS IN THE MAASAI STEPPE



Go to the people: live with them, learn from them, love them, start with what they know, build with what they have. But of the best leaders, when the job is done, the task accomplished, the people will say: "We have done it ourselves." – Lao Tzu

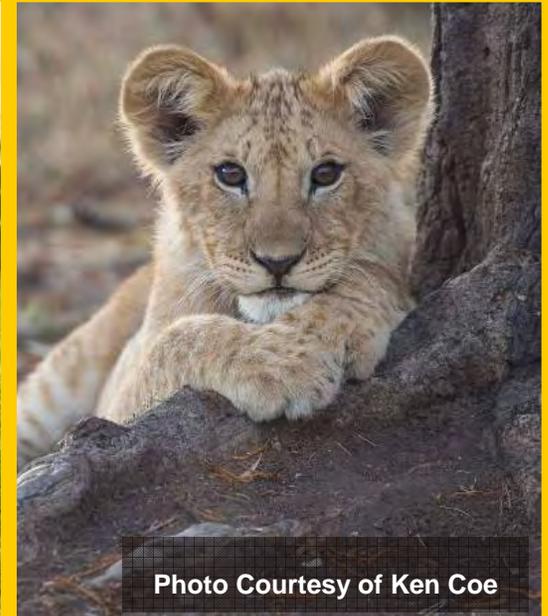


Photo Courtesy of Ken Coe



LIONS ARE DISAPPEARING



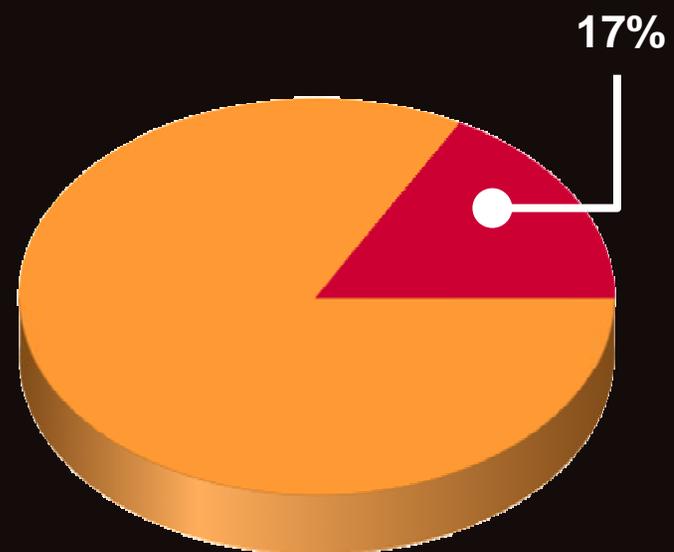
Photo Courtesy of Ken Coe



LIONS ARE DISAPPEARING



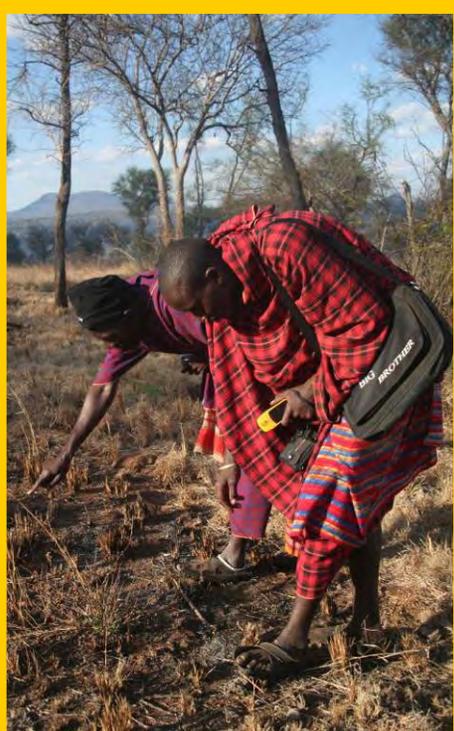
Total Wild Lion
Population Remaining







UNDERSTANDING BIG CAT & LIVESTOCK CONFLICTS



2004-2008 Conflict Monitoring Data for One Village (Loibor Siret)

3.96 Large Carnivore Attacks/Month

1.14 Lion Attacks/Month

54.5% Attacks at "Boma"

67% Attacks at Night

**Retaliation Against Lions Occurred
56% of the Time**



LIVING WALLS

Chain Link Fencing + Commiphora Sp. = Living Wall



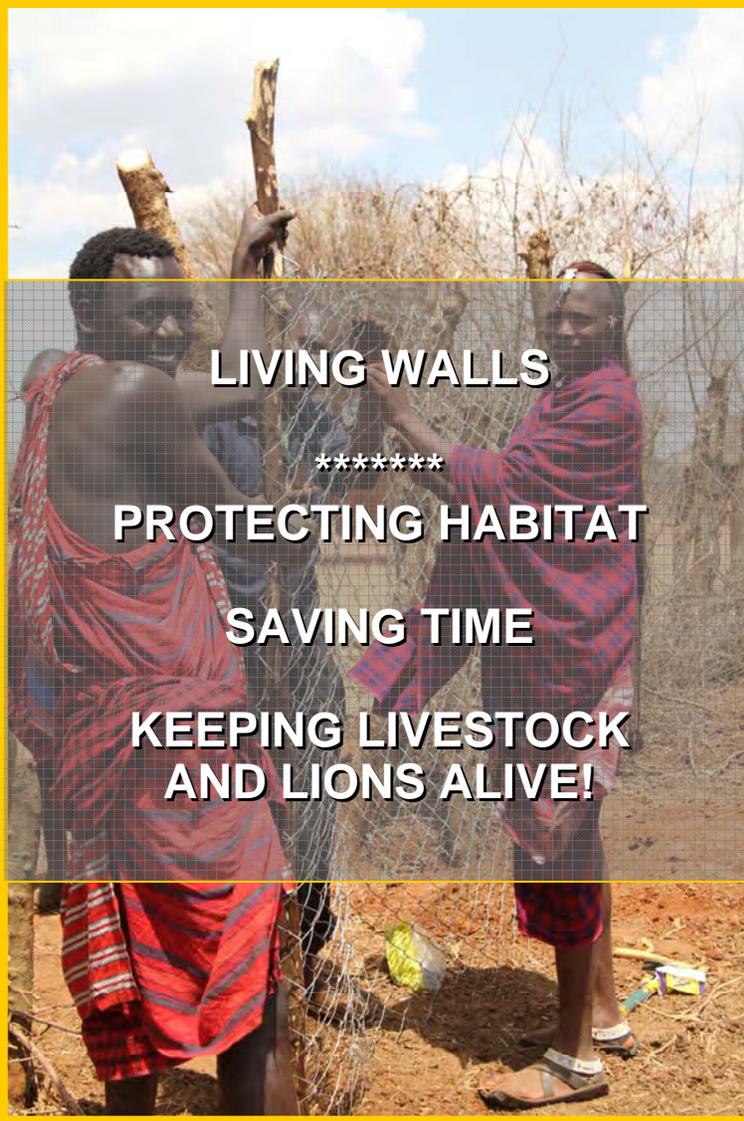


LIVING WALLS





LIVING WALLS



LIVING WALLS

PROTECTING HABITAT

SAVING TIME

**KEEPING LIVESTOCK
AND LIONS ALIVE!**





LIVING WALLS SAVE BIG CATS



50 Living Walls in Place

**Protecting 100
Cattle, Goat and Sheep Enclosures**

**Protecting More Than 12,000
Head of Livestock Nightly**

Impacting 1000 Family Members

**EACH WALL
100% SUCCESSFUL
IN PREVENTING ATTACKS**



LIVING WALLS SAVE BIG CATS

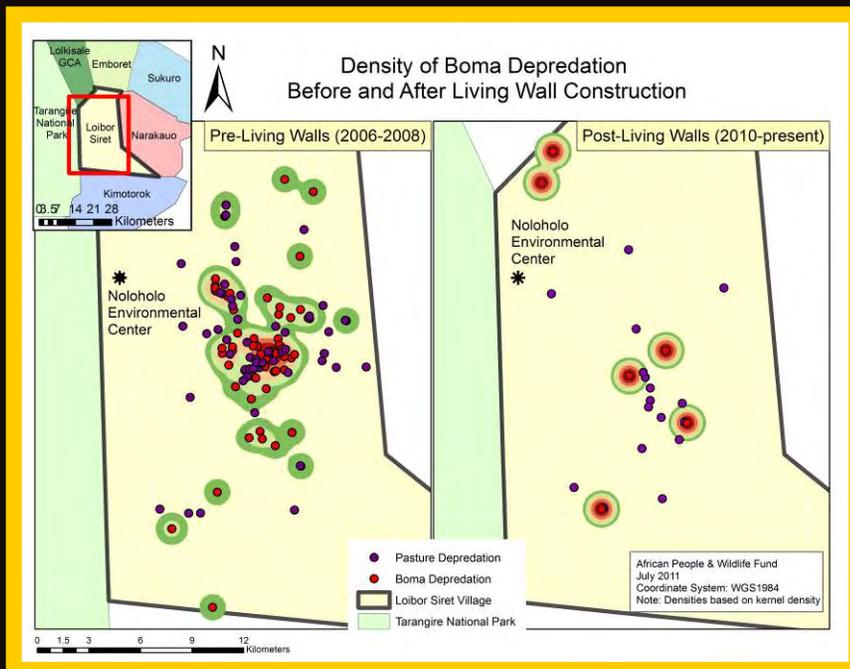
Preliminary Results

**Decline in Attacks to
1.5 Large Carnivore Attacks/Month
.56 Lion Attacks/Month**

**Reduction of
Lion-Livestock Conflicts by 62%**

**Lowest Lion Attack Frequency for All
Years of Data Collection**

MANY LIONS SAVED ANNUALLY





LIVING WALLS SAVE BIG CATS



Preliminary Results

Decline in Attacks to
1.5 Large Carnivore Attacks/Month
.56 Lion Attacks/Month

Reduction of
Lion-Livestock Conflicts by 62%

Lowest Lion Attack Frequency for All
Years of Data Collection

MANY LIONS SAVED ANNUALLY

Kimotorok Monitoring Data
Same Time Period (No Living Walls)

3.75 Large Carnivore Attacks/Month

1.25 Lion Attacks/Month





LIVING WALLS COST-EFFECTIVE CONSERVATION



Average Cost of a Living Wall is \$500

Conservative Life of a Living Wall is 20 years, so cost is just \$25/year

Multiple Species Impact

Culturally Appropriate and In Demand

One-Time Expense, Cost-Shared

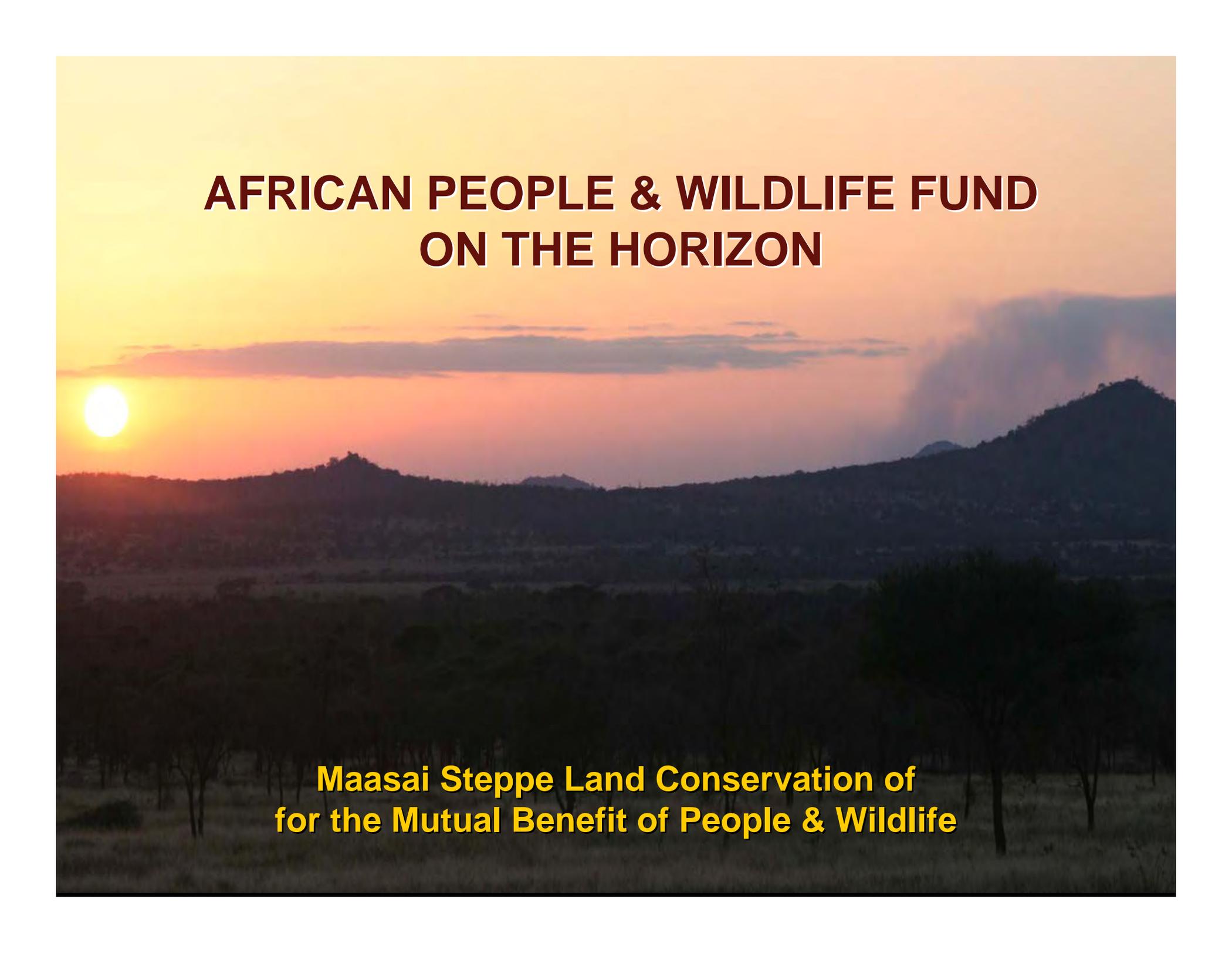




REACHING NEW COMMUNITIES WITH LIVING WALLS





A photograph of a savanna landscape at sunset. The sun is a bright yellow circle on the left side of the horizon, casting a warm glow across the sky. The sky transitions from yellow near the sun to a deep orange and then to a dark, silhouetted blue. Below the horizon, there are rolling hills and a field of trees, all rendered in dark silhouettes against the bright sky. The overall mood is serene and natural.

AFRICAN PEOPLE & WILDLIFE FUND ON THE HORIZON

**Maasai Steppe Land Conservation of
for the Mutual Benefit of People & Wildlife**



“In Nature we never see anything isolated, but everything in connection with something else....”

- Johann Wolfgang von Goethe



APW'S PARTNERS IN CONSERVATION



Regina Bauer Frankenberg Foundation



The Charles Engelhard Foundation

Falcon Foundation CTW Foundation

Tanzania Ministry of Natural Resources and Tourism

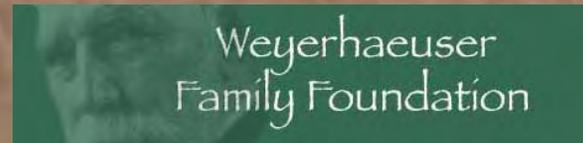


Photo Courtesy of Ken Coe



ASANTE SANA!