

**PRESENTATION GIVEN AT THE TRANS LINKS VALUE CHAIN  
WORKSHOP ENTITLED:**

**“Value Chain Cases in the Context of Conservation  
Marketing and Certification”**

**JUNE 25-27, 2009  
ARUSHA, TANZANIA**

**HOSTED BY ENTERPRISEWORKS/VITA**



This workshop was made possible by the generous support of the American people through the United States Agency for International Development (USAID) under the terms of the TransLinks Cooperative Agreement No.EPP-A-00-06-00014-00 to the Wildlife Conservation Society (WCS). TransLinks is a partnership of WCS, The Earth Institute, Enterprise Works/VITA, Forest Trends and the Land Tenure Center. The contents are the responsibility of the authors and do not necessarily reflect the views of USAID or the United States government.



**USAID**  
FROM THE AMERICAN PEOPLE

# Environment and Natural Resources Management Program Supporting Biological Base for Biodiversity and Ecosystem Services

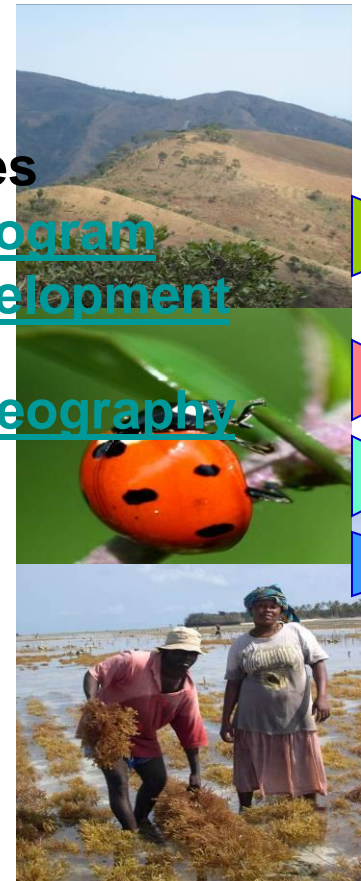


By Asukile R Kajuni  
Presented to  
**TRANSLINK Workshop – EnterpriseWorks/VITA**  
**Impala Hotel Arusha**  
**25<sup>th</sup> – 27<sup>th</sup> June 2009**



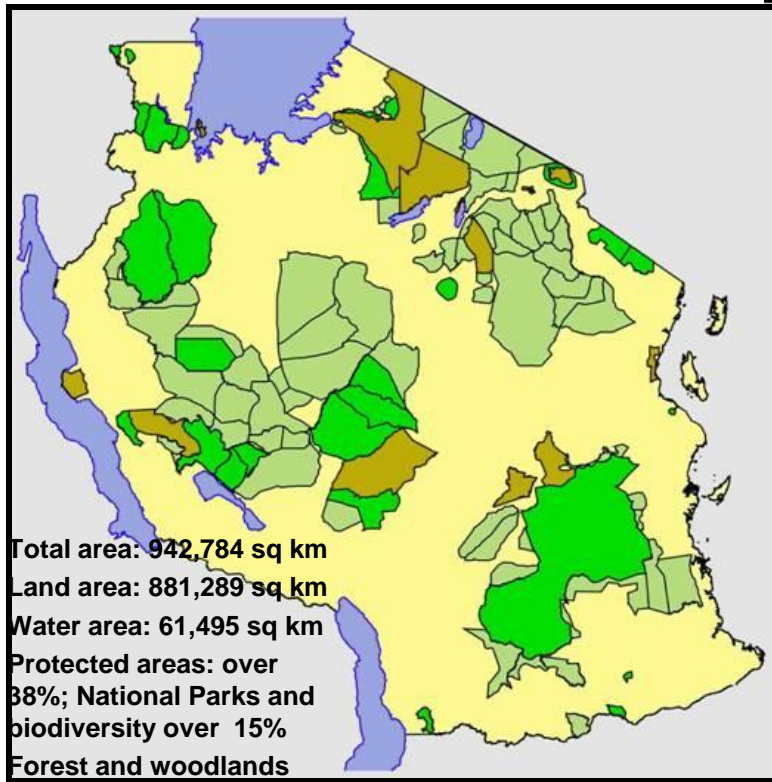
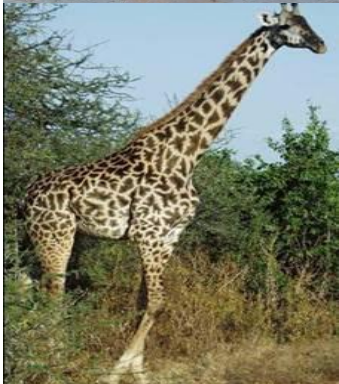
- **OUTLINE**

- Overview: Facts and Figures
- History to USAID's NRM Program
- Guiding Approach and development hypothesis
- Implementation Program Geography Areas
- Results and Achievements
- Ecosystem Services
- Challenges and Problems





# FACTS SHEET - Tanzania



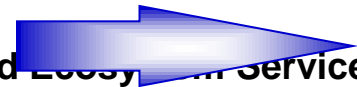


## FACTS SHEET - Natural Resources



- **Soils, water, minerals, fisheries, wildlife and forests, hydropower, tin, phosphates, iron ore, coal, diamonds, gemstones, gold, natural gas, nickel**
- **Contribution of over 70% to national GDP**





# FACTS SHEET - Main employment s

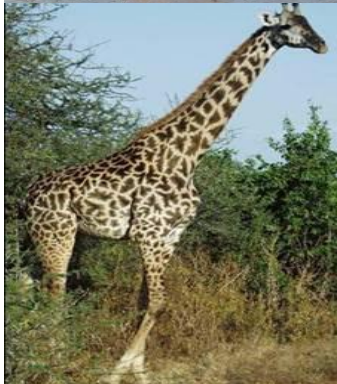


- Eighty-five percent of Tanzanians depend entirely on the management of natural resources for their livelihood.
- Important for sustainable development and Poverty reduction initiatives





## ***HISTORY of USAID Engagement in Sector***



- **THE EVOLUTION ....**
- **1997 - SO2: Foundation established for environmentally sound natural resources management in Tanzania**
- **2000 – SO8: Improved conservation of Coastal Resources and Wildlife in target areas**
- **2005 – S013: Biodiversity Conserved using a livelihood driven approach in targeted landscapes**





## ***HISTORY of USAID Engagement in Sector – Cont'd***



- USAID NRM program supports both site specific biodiversity conservation and cross cutting policy projects in support of Mission Objective of Improving the Quality of Life in Tanzania.
- The Program contributes results to MKUKUTA – National Strategy for Growth and Poverty Reduction
- Supports government initiative in Biodiversity hotspot conservation and management







*THE GUIDING APPROACH*



Biodiversity  
Natural Resources  
**(Nature)**

Economic Benefits &  
Poverty Alleviation  
**(Wealth)**

Governance  
(Community Empowerment)  
**(Power)**

*Linking Natural Resources, Economic Growth  
and Good Governance*



## *THE GUIDING APPROACH* – cont'd



- Socio- economic benefits as entry point to build consensus, acceptance and support for improved natural resource management
- Socio-economic benefits from natural resources foster inclusion of all players as equal partners
- Tangible benefits as incentives for sustainable utilization and continued monitoring of natural resources.
- Ability to make better NRM choices





## **RESULTS FRAMEWORK**



**SO13:**  
**Biodiversity Conserved in targeted landscapes using livelihood driven approaches**

**Policies and laws** that balance conservation and development applied

Participatory **landscape level conservation** practiced

**Conservation enterprises** generate increased [and equitable] benefits from sustainable use of NR



**Linking Natural Resources, Economic Growth and Good Governance**

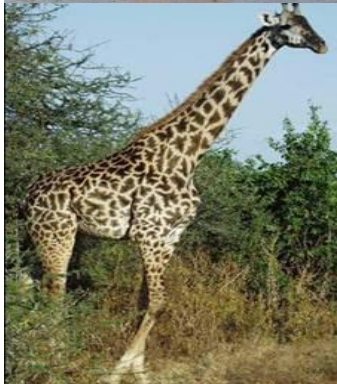


**USAID**  
FROM THE AMERICAN PEOPLE

Bio

**IMPLEMENTATION**

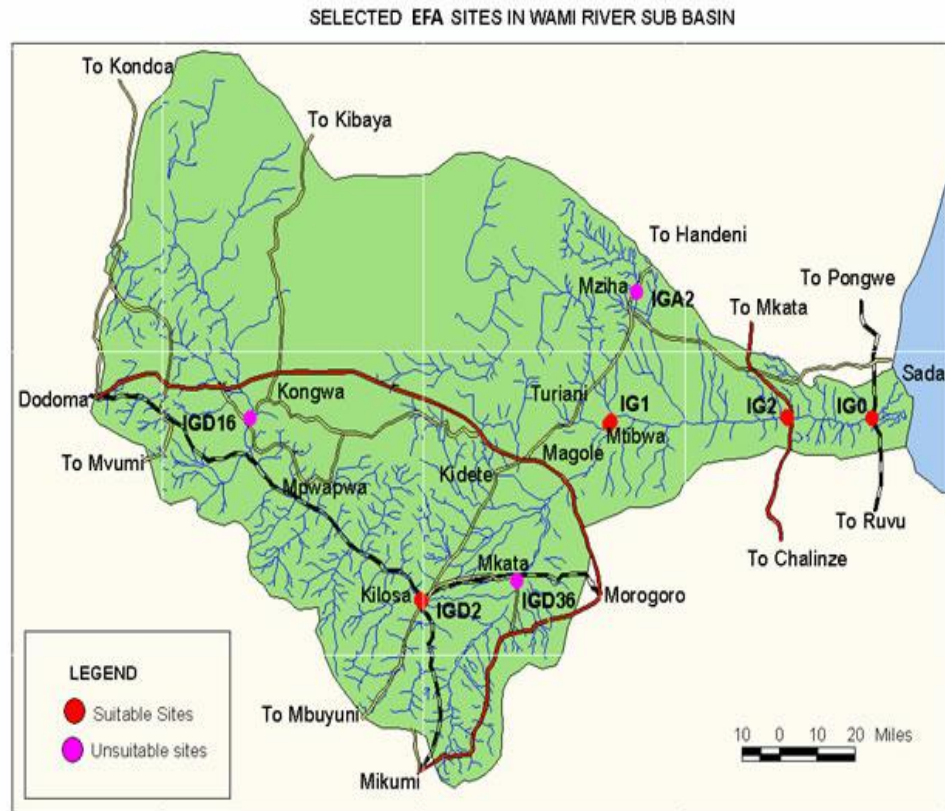
Program Geography



*Linking  
and Good Governance*



# Wami River Basin Profile



***Linking Natural Resources, Economic Growth and Good Governance***



# Results and Achievements



***Linking Natural Resources, Economic Growth and Good Governance***

## Results and Achievements cont'd



- Over 6.3million hectares under improved conservation; average =588,000 ha annually
- Tanzania's current Annual rate of deforestation is estimated at 400,000\* ha \*(National Forests Policy 2002)
- Without USAID's targeted investments in critical areas this rate would be higher.



## Results and Achievements cont'd



- By 2008, 12 WMAs out of the 16 under pilot were gazetted
- 6 WMAs have entered into business agreements worth over US\$ 3 million while other 8 are receiving over US\$ 250,000 annually from hunting fees;
- Conservation areas and knowledge have increased with species diversity improving;
- Living conditions in some rural areas with WMAs have improved (social services provided).







## Results and Achievements – cont'd



### Policies and Laws that integrate conservation and development applied:

- Facilitated and supported the development of a principal framework law on environment (EMA # 20 Cap 191 of 2004) of the laws of the country;
  - Formulation of key regulations
  - ICM action planning
- Supported the formulation and operationalization of the wildlife management area (WMA) regulations under the Wildlife Conservation Act
  - Supported and guided the WMA process and now 12 WMAs given Authorized Association (AA) status and
  - 8 WMA have been issued with user rights





## Results and Achievements – cont'd



### Policies and Laws that integrate conservation and development applied

- Resulted in secure land tenure and property rights for local communities through land use planning resulting in areas being demarcated and with a legal managing authority and titled;
- Formulation of National integrated coastal management (ICM) strategy
  - Supported the establishment of the first and only Coelacanth Protected Area in East Africa
  - Formulated Guidelines for (ICM)



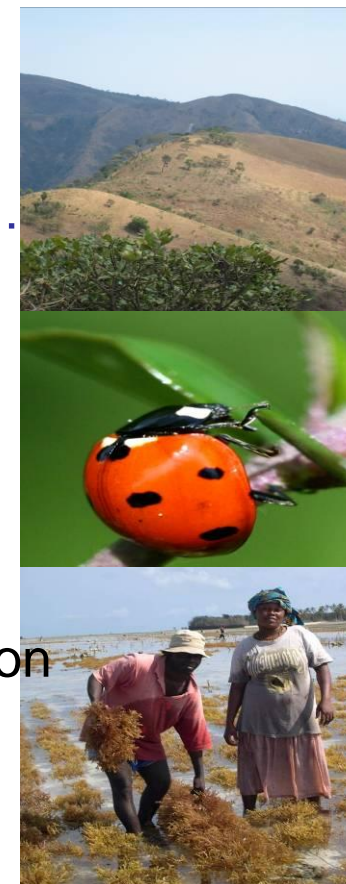


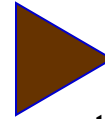
## Results and Achievements – cont'd



Conservation enterprises generate increased and equitable benefits from sustainable use of natural resources:...

- ❑ creation of new conservation enterprises that generate increased economic wealth
  - Expansion of micro business enterprises into tour guiding, beeswax, sunflower oil/palm oil
- ❑ increased income generation from non-traditional income generation activities



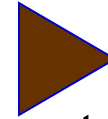


## Ecosystem Services



- Biodiversity Conservation -
  - ✓ WMA
  - ✓ Ecotourism
- Watershed services
  - ✓ DAWASCO in Eastern Arc
- Carbon Sequestration
  - ✓ Efficient stoves
  - ✓ reforestation
- Water quality
- Pristine and natural Conditions



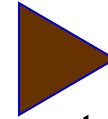


## Ecosystem Services – cont'd



- **Increased base flow in rivers**
- **Reduced storm flow off the land**
- **Reduced sediment yields in runoff**





## Clean Water



***Linking Natural Resources, Economic Growth  
and Good Governance***



## CHALLENGES - ENCHROACHMENT



*Linking Natural Resources, Economic Growth  
and Good Governance*

## Key Issues/Challenges



- **Definition:** What is ES and what is not an ES?
- **Benefits capture /Trade offs** not well analyzed
- **Equity Issues/Negative spin offs** for non participants
- **Attribution:** particularly biodiversity
- **Lack of science:** hydrology studies to support WS
- **Lack of Capacity/Institutions /High transaction costs**
- **Few legal and policy changes** have been made to accommodate ES as tradable commodity,







**USAID**  
FROM THE AMERICAN PEOPLE

## Biological Base – Our Forests, Biodiversity, and Ecosystem Services

From this!



***Linking Natural Resources, Economic Growth  
and Good Governance***

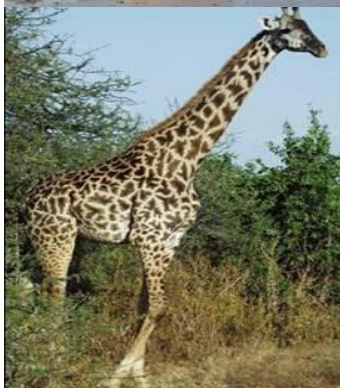


**USAID**  
FROM THE AMERICAN PEOPLE

Biological Base – Our Forests, Biodiversity, and Ecosystem Services



# To This!



***Linking Natural Resources, Economic Growth  
and Good Governance***