



# Overview of Capacity Building Activities in Eastern, Southern and Central Africa

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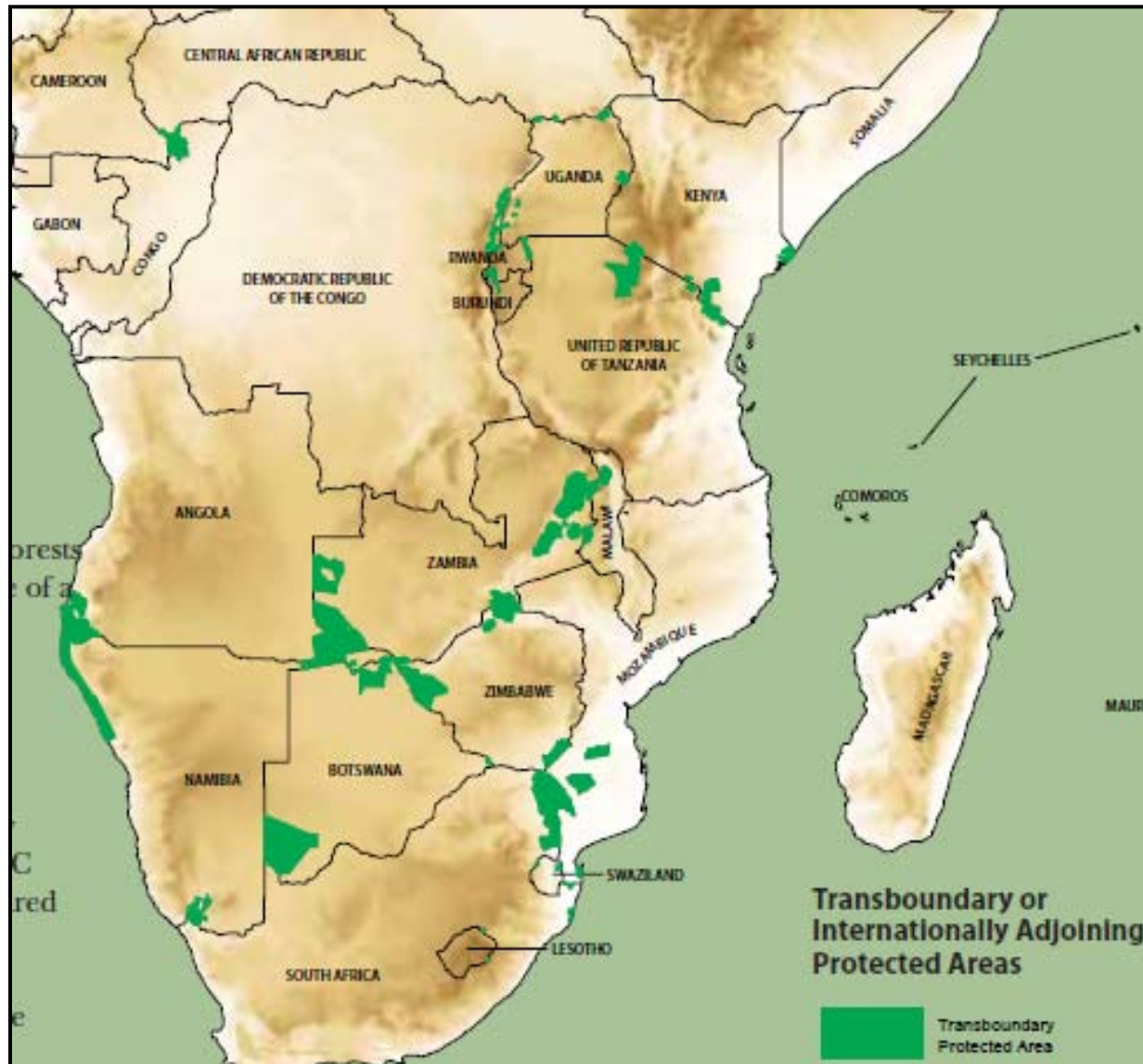
# Outline

- 1. Overview of the region- Leo Niskanen**
- 2. Overview of capacity building activities in Eastern and Southern Africa – Leo Niskanen**
- 3. Overview of capacity building activities in Central Africa – Geoffroy Mauvais**
- 4. Introduction to IUCN training programme –Geoffroy Mauvais**

## Regional overview

- Geographically & ecologically diverse area
- Long established system of protected areas
- Household names e.g. Serengeti, Kruger, Etosha, Maasai Mara, Virunga, Kilimanjaro
- Established during colonial times to protect large “game” species; often excluding local people
- From 1980s shift towards community based approaches e.g. CAMPFIRE in Zimbabwe, Conservancy model in Namibia
- Increase in number of privately owned sanctuaries (e.g. South Africa)
- Proliferation of transboundary protected areas

## Transboundary PAs & Internationally adjoining PAs



## PROTECTED AREAS – overview

- PA coverage varies tremendously from country to country – over 25% of land (Botswana, Seychelles, Zimbabwe); Namibia designated entire coastline as PA; Less than 1% of land protected in Lesotho
- Inadequate coverage of dryland, coastal and marine, or mountain ecosystems
- Many Key Biodiversity Areas (e.g. Ethiopian highlands) not covered
- PA coverage has had a bias towards large mammals
- Coverage does not equate to management effectiveness or good governance

# Protected areas - overview

## Challenges

e.g.

- Habitat loss and fragmentation - cutting of wildlife corridors and dispersal areas, increased human-wildlife conflict on PA boundaries
- Illegal exploitation (e.g. rhinos, elephants)
- Political instability
- Funding constraints
- High turnover of staff
- PA management increasingly complex requiring a wider set of skills (community relations, ecotourism, public/private sector partnerships, transboundary/cross cultural/linguistic challenges)
- “New” challenges – climate change and invasive alien species
- etc.

# CAPACITY BUILDING ACTIVITIES IN EASTERN & SOUTHERN AFRICA – AN OVERVIEW



# Regional training institutes

## *College of African Wildlife Management (Mweka)*

- To date, trained over 5,000 wildlife managers from over 52 countries worldwide
- Undergraduate and postgraduate level training
  - Basic certificate to Bachelor of Science level; topics: wildlife management, tourism management and planning, tourist hunting;
  - Postgraduate diplomas in wildlife management, tourism management and wetland management
- Theoretical & practical approach



## ***Southern African Wildlife College (Hoedspruit, SA)***

- Trained 5,000 people from 26 countries
- Offering:
  - National Certificate in Conservation: Natural Resource Management - Terrestrial
  - Higher Certificate in Nature Conservation: Conservation Implementation & Leadership
  - Advanced Certificate in Nature Conservation: Trans-frontier Conservation Management
  - Short courses
  - Skills management
  - Educational tours
- **Wide range of topics:** e.g. protected area management planning, human-resource management, financial management, fire management, wildlife monitoring, law enforcement, ecotourism, vegetation studies, animal studies, community development, conservation ethics, land use planning, transfrontier conservation, GIS, catchment management, resource economics, communication

# Others

- E.g.
- **Centre for National Heritage Development in Africa (CHDA), Mombasa, Kenya**
  - World Heritage Sites
- **Institute of Tropical Forest Conservation (ITFC), Bwindi Impenetrable National Park, Uganda**
  - post-graduate research institute of Mbarara University of Science and Technology
  - management support and guidance, capacity building activities (a range of biological and socio-economic research and monitoring, aimed at addressing the key conservation challenges in the region)

## National institutions

- Institute of Wildlife Management (PASIANSI), Mwanza, Tanzania
- Kenya Wildlife Service Training School, Manyani and Naivasha
- Malawi College of Forestry and Wildlife
- Zambia College of Community Based Natural Resource Management
- Etc.

- ***Universities***

E.g.

- Percy FitzPatrick Institute of African Ornithology (South Africa)
- Tropical Resource Ecology Programme (TREP)(Zimbabwe)
- Makerere University (Uganda)
- Sokoine University (Tanzania)

## Other programmes and initiatives

- **IUCN World Heritage programme (World Heritage Agenda for Nature)**
  - Management effectiveness (Enhancing our Heritage tool kit)
- **CITES Monitoring of the Illegal Killing of Elephants (MIKE) programme**
  - Ranger-based monitoring (e.g. MIST system)
- **SADC Biodiversity Conservation Strategy and Action Plan**
  - Capacity building plan
- Numerous **INGOs** – **Frankfurt Zoological Society, WWF, WCS, TNC** working in various PAs throughout the region

Take home message: **No one institution or programme that offers capacity building covering all PA needs and targeting all levels of PA staff**; but there is a good network to build upon!

# CAPACITY BUILDING ACTIVITIES – AN OVERVIEW IN CENTRAL AFRICA



## Regional training institutes

### **DRC = Ecole Régionale Post – Universitaire d’Aménagement et de Gestion Intégrés des Forêts et Territoires Tropicaux (ERAIFT)**

- Postgraduate level training
- Forest and environmental management
- Also able to deliver short training courses for professionals

### **Cameroun = Ecole de faune de Garoua**

- Undergraduate level training (rangers and technicians)
- PA and wildlife management
- Long + short courses for professionals

# National institutions

## **GABON = Ecole Nationale des Eaux et Forêts (ENEF)**

- Undergraduate and postgraduate level training (techniciens and Engineers)
- Forestry, aquaculture, wildlife management, PA management
- No short training courses for professionals

## **GABON = Complexe éducatif d'Alphonse Makanga Missandzou (CEDAMM)**

- Undergraduate and postgraduate level training (rangers, techniciens and Engineers)
- Technical domains: GIS, monitoring of wildlife, ecotourism, CBNRM, projects development, PA funding...
- Short training courses only

# National institutions

- **GABON = Institut National des Sciences de Gestion de Libreville (INSG)**
- Postgraduate level
- Forestry, tourism management, environment management
- Long and short training courses
  
- **CONGO = Institut du Développement Rural de Brazzaville (forest department)**
- Undergraduate and postgraduate level (techniciens and engineers)
- Forest management
- No short training courses

# National institutions

## **CAMEROUN = Dshang University (forest department)**

- Postgraduate level
- Forest and environment management
- No short training courses

## **DRC = University of Kinhasa (Department of environment)**

- Undergraduate and postgraduate level (techniciens and engineers)
- Environment management
- No short training course

## **DRC = Faculté des sciences agronomiques de Kisangani**

- Undergraduate and postgraduate level (techniciens and engineers)
- Natural ressources management
- No short training course

## Some others

**CAMEROUN = centre régional d'enseignement spécialisé en agriculture (CRESA)**

- Forestry, rural development, environment impact assessments...

**CONGO = faculté des sciences**

- Biology, hydrology, natural history etc.

**DRC = Faculté d'Agronomie (Yangambi)**

- Agriculture, biology, hydrology etc.

**CENTRAFRIQUE = Institut Supérieur du développement Rural (ISDR)**

- Land-use planning and management

## Conclusion

- Lots of needs identified at all levels (from rangers and technicians to management units)
- Lots of existing training offers, both at regional and national scales
- But:
  - No comprehensive training course available today (covering all the fields for all the targets)
  - A quite small « market » which does not allow most of the countries to develop a full sustainable offer
- Therefore:
  - A need for a strategical approach at a regional (global?) scale
  - And on the ground, a need for partnerships + mutualization of efforts, tools, training offers and funding opportunities...

