

ILRI-SLU-FAO

Capacity Building for Sustainable Use of Animal Genetic Resources

**Follow-up Workshop on previous Capacity Building and the
Global Plan of Action for Sub-Sahara Africa**

ILRI Addis Ababa, Ethiopia, 20th to 25th November 2011

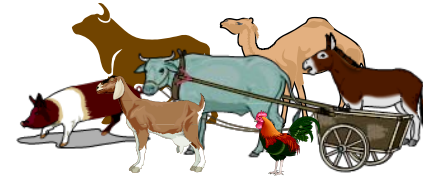
Sierra Leone – Country Report

By

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Background

Abdul Rahman Sesay
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Both lecturers from the Animal Science Department, Njala University, Sierra Leone participated in the

ILRI-SLU training course for university teachers and researchers from West and Central Africa

26th Nov – 14th Dec 2007, Addis Ababa, Ethiopia

Activities related to AnGR

Teaching

Undergraduate:

ANS 211 – Introduction to anatomy and physiology of farm animals

- Introduced a new topic phenotypic characterization of farm animals into the syllabus.
- Group project work on phenotypic characterization of farm animals - sheep, goats, cattle, chicken and swine

ANS 417 – Applied Animal Biotechnology (Animal Genetics and Breeding)

Postgraduate (MSc)

- Provided students with information related to AnGR
- Animal breeding tutorial software package made available to students

Activities related to AnGR contd.

Research

A group concept paper prepared and presented during the training programme on - Dual purpose goat development, developed into a proposal funded by DeLPHE, UK from 2009 to 2012.



Research Contd,

A new IAEA project approved SIL 5013 - Establishing a dual purpose Cattle development project for the sustainable contribution to food security, poverty alleviation, and improved livelihoods of communities raising cattle.

Implementation of project starts January 2012.

Supervised a MSc. Degree thesis on:

- 1. Phenotypic characterization of the local chicken in Sierra Leone – A case study**
- 2. Indigenous Knowledge in cattle breeding in Sierra Leone**

Limiting factors or challenges

- limited manpower resources
- Inadequate infrastructural facilities
- Inadequate local funding
- Limited animal genetic resources (low quality)

Requirements for effective teaching and applying AGB

- Capacity building/skills improvement
- Provision of adequate infrastructure
- Timely funding of activities
- Introduction of high quality and varied genetic resources

Choice of partner within the region (ECOWAS)

Senegal, Ghana, Mali

Engaging such partners will require:

- Adequate funds
- Identifying partner institutions in AGB in each country
- Have a memorandum of collaboration between institutions
- Have joint project activities in partner institutions
- Exchange of technical staff through visits

Issues in AGB

- Enhancement of technical skills of staff in AGB
- Infrastructural development especially animal holding and laboratory facilities
- Institutional networking
- Facilitation of movement of AnGR

Thank you