

Senegal Report

ILRI-SLU-FAO Follow-up workshop
Addis Ababa, 21-24 November 2011



Activities related to AnGR

- SoW Country report (2003)
- Evaluation of crossbreeding between dairy (holstein and Montbeliard) X local cattle
- Formulation of the in-situ conservation of endemic ruminant livestock (ERL) in WA project
- Implementation of the ERL conservation project
 - Characterization production systems
 - Improvement production (health, feeding, housing, breeding)
 - Improvement of access to market: infrastructures, facilitation of credit access
 - Preservation of the ERL habitat
- S-RFP AnGR – West and Central Africa2

Limiting factors and Challenges

- Institutional level:
 - place of AnGR issues in the institution agenda
 - Deficit of qualified personnel in the area of genetics and animal breeding
- Farmers' level
 - Weakness in organizational capacity
- National level
 - Policies in favor of exotics : short term improvement of production to meet demand
 - Deficit in integration between research and extension: research put more interest on AnGR issues



Improving current situation

- Training at all levels of stakeholders involved in AnGR issues
- Advocacy for AnGR (local breeds and neglected species) : show their potential contribution to food production and food security
- Develop more information and knowledge on AnGR
 - Characterization
 - Defining values of AnGR



Livestock recording, technologies and institutional arrangements

- On farm recording of production traits – selected herds or flocks
 - Milk offtake, body weight / linear measurement
 - Demographic parameters
 - Economic data (inputs, outputs)
 - database and statistical tools, breeding plans and optimization tools
 - Reproductive biotechnologies: IA, ET,
 - Molecular biology: use of genetic markers in characterization, selection
 - Institutional arrangements
 - National level: more integration among research institutions, universities and extension services -
 - Regional: mutualisation of resources, regional programs and projects
- 

Partners within the region

- Regional research institutions: ITC, CIRDES, CORAF
- Regional training institutions: EISMV
- Actions needed
 - Networking: S-RFP AnGR WA
 - Develop regional projects



Future planned activities

- Pursuing the ERL project activities
 - Breeding and selection in small ruminants
- Action research on crossbreeding (dairy breed X local breed)
 - Optimal level of exotic blood in different levels of intensification

