



ANIMAL GENETIC RESOURCES IN BURKINA FASO



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Area: 274,000 sq. km

Pop: 16,751,455

Cattle: 8,566,517

Small ruminants: 21,203,356



Pigs: 2,210,631

Poultry: 38,637,924

Involved in activities related to AnGR

Teaching and training students in genetic lab

Policy about animal genetic improvement in Burkina Faso (Sept 2011)

Outcomes: - a law have been laid
 - 6 implementing decrees

Proposal: Introgression of sahelian cattle into trypanotolerant *Bos taurus* population of West Africa. / West and Central African Council for Agricultural Research and Development (WECARD)

Outcome: approved

Proposal: Caracterisation morpho-biometrique et zootechnique des poulets locaux du Burkina Faso. / FAO

Outcome: submitted

Limiting Factors

Financial Support

Skilled persons in *Animal Genetics* (4 *Animal Geneticists*)

Farmers not organised for genetic resource management

Weak recording system

No herd book

No rule and regulation in genetic improvement

Requirements for change

Capacity building

Recording system useable by farmers themselves

Set herd books

Funds dedicated to AnGR

To enhance effectiveness in teaching ...

Link research centres, universities to breeders

Centralized database

Choice of partners in West Africa

IPR-IFRA (Mali)

INRA (Benin)

University of Abdou Moumouni (Niger)

Requirements to engage the partners

Research meetings, workshops, ...

Networking

Genetic reference lab

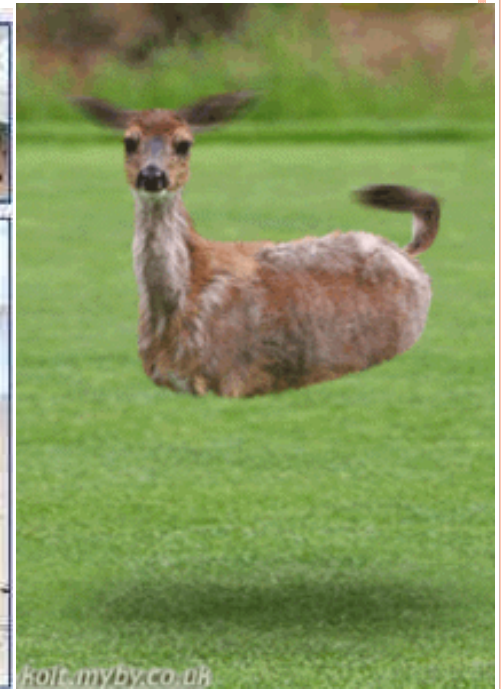
Addressed issues

Genetic characterization of parasitism resistance in Burkina Faso small ruminants Ongoing

Phenotypic characterization of the main taurine, zebu and sanga cattle in West Africa Planed

The within- and between- West African cattle (sub) populations' diversity Planed

A "map" for the presence of trypanosome species in West Africa via the detection, identification and quantification Planed



Thanks for your attention