

Local cattle breeds of Burkina Faso – characterization and sustainable utilization | LoCaBreed

A partnership between Burkina Faso und Austria

appear



Local cattle breeds of Burkina Faso – characterization and sustainable utilization | LoCaBreed

Healthy and well-managed livestock is essential for the economic and social development in Burkina Faso. It has been identified as a strategic sub-sector in the fight against poverty and for achieving sustainable development, especially in rural areas where the incidence of poverty is high. The varied natural resources of the country yielded a diverse local cattle population, with comparatively large and strong indigenous cattle (Zebu) in the north and physically very small taurine cattle in the south. African animal trypanosomosis, transmitted by tsetse flies, is endemic in the south and is the most important parasitic disease causing enormous losses to the cattle population.

This project aims to improve the genetic disposition for trypanotolerance of the local cattle population by development and utilization of cost-efficient devices indicating the genetic resistance of an animal to trypanosomosis, and to spread this resistance by the means of community based breeding programs (CBBP) conducted in rural areas. Improving animals in a more systematic way – via CBBP – and with extra information about the disposition of breeding animals has the potential to improve the situation substantially. By phenotypic and genetic characterization of a large number of animals, the project will provide a revised inventory of taurine local cattle breeds to the government and to the global database of cattle breeds maintained by FAO. A multidisciplinary team of researchers from Burkina Faso and Austria will work together to achieve these goals.

The project is funded by APPEAR, a programme of the Austrian Development Cooperation.

Project Coordinator

Prof. Dr. Johann Sölkner

Coordinating Institution

University of Natural Resources and Life Sciences, Vienna

Partner Institutions

University of Veterinary Medicine Vienna (Dr. Pamela Burger); University of Koudougou (Dr. Albert Soudré); Institut de l'Environnement et de Recherches Agricoles (Dr. Amadou Traoré); Université Polytechnique de Bobo-Dioulasso (Dr. Salifou Ouédraogo)

Project Duration

1 April 2016 – 31 March 2020

Contact

johann.soelkner@boku.ac.at
appear@oead.at, www.appear.at