



Vaccines for the
Control of Neglected
Animal Diseases in Africa

VACNADA



AFRICAN UNION
**INTERAFRICAN BUREAU FOR
ANIMAL RESOURCES**

PROVIDING LEADERSHIP IN THE DEVELOPMENT OF ANIMAL RESOURCES FOR AFRICA

About AU-IBAR

The African Union Interafrican Bureau for Animal Resources (AU-IBAR) is a specialized technical office of the Department of Rural Economy and Agriculture (DREA) of the African Union Commission (AUC). AU-IBAR's mandate is to support and coordinate the utilization of livestock, fisheries and wildlife as resources for both human wellbeing and economic development in the Member States of the African Union (AU). AU-IBAR has clearly demonstrated its commitment to enhancing the wellbeing of Africa's people by providing leadership in the control of transboundary animal diseases (TADs) on the continent with the eradication of rinderpest being the culmination of this effort. There are however, other TADs, besides rinderpest, which hamper the development of animal resources in Africa.

Rationale

It is noteworthy that about 300 million people in Africa, living in poverty, depend on livestock for their livelihood but infectious diseases impact more than 20% losses to livestock productivity. Among such diseases include *Peste des Petits Ruminants* (PPR) in sheep and goats, Contagious Caprine and Bovine Pleuropneumonias (CCPP & CBPP) in goats and cattle respectively and Newcastle Disease (ND) in poultry.

A Financing Agreement for contribution by the European Union (EU) for € 20 million was signed on the 26th of December, 2009 by AU-IBAR, on behalf of the AUC, with the European Union (EU) Food Facility for a



20 month regional project under the Action entitled: "Food Facility, EU-AU-IBAR VACNADA" for the implementation of "Vaccines for the Control of Neglected Animal Diseases in Africa" (VACNADA) project. The project's intervention is in response to soaring food prices to help the most vulnerable countries to move towards long-term food security through the reduction of the impact of animal diseases.

Implementation strategy

The VACNADA project is coordinated by AU-IBAR in close partnership with the African Union Pan African Veterinary Vaccine Centre (AU-PANVAC), the Global Alliance for Livestock Veterinary Medicines (GALVmed), the Centre for International Cooperation in Agronomic Research for Development (CIRAD) and the National Veterinary Authorities in the respective countries.

- African vaccine producing laboratories will be requested to bid for production; the procured vaccines will be distributed to target countries for vaccination of animals. Participating countries will be required to contribute staff, office space,

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vehicles and other logistics for the activities including cold chain facilities.

- Through needs assessment and evaluation of mechanisms for effective and sustainable distribution of vaccines, the project will assist participating laboratories in developing and/or strengthening their distribution systems through technical training; development of business plans; facilitating access to credit and improvement of the cold chain infrastructure.
- Vaccine market for selected diseases beyond the life span of the project will be identified through analysis of the existing and potential markets.
- Awareness creation before, during and post vaccination will be made to sensitize livestock owners on the technical and economical benefits of the vaccination.
- Staff in selected laboratories identified through a needs assessment will receive training in laboratory and vaccine operation management; have their laboratory facilities upgraded and technical support provided for the implementation of quality assurance and standardization of the production process of selected vaccines.
- Funding support will be provided to AU-PANVAC to enable the purchase of laboratory equipment, materials and consumables and to carry out maintenance and calibrations of equipment in order to strengthen mechanisms for the implementation of quality assurance in vaccine production on the African continent.

Neglected animal diseases

- *Peste des Petits Ruminants* (PPR)
- Contagious Caprine Pleuropneumonia (CCPP)
- Contagious Bovine Pleuropneumonia (CBPP)
- Newcastle Disease (ND)

Governance

To enable VACNADA deliver on its objectives and purpose within the short project implementation period of 20 months, a Steering Committee (SC) composed of high-level stakeholders and partners, will be responsible for providing guidance on overall strategic direction for the effective coordination, implementation, monitoring and evaluation of the VACNADA project has been constituted.



Sustainability

It is anticipated that sustainability beyond the project lifespan will be achieved because the following actions will have been imbedded in the project design:

- Improving existing vaccine production capacity in selected laboratories, and creating a market.
- Capacity building with veterinary services in recipient countries on the organization of vaccination campaigns.

Goal To contribute to poverty alleviation and food security amongst vulnerable rural African communities by improving livestock health

Objective To reduce the impact of animal diseases (PPR, CCPP, CBPP and ND) through increased access and use of quality vaccines

Main Expected Results

- Vaccines procured from African laboratories and supplied to target selected countries.
- Targeted animal populations vaccinated against the selected diseases.
- Production capacity and quality of selected vaccines improved within Africa.
- Independent quality systems for vaccines strengthened on the African continent.

15 African countries

Benin, Burkina Faso, D.R. Congo, Ethiopia, Gambia, Ghana, Kenya, Mali, Mauritania, Namibia, Senegal, Tanzania, Togo, Uganda and Zambia.

January 2010—August 2011

Project implementation period.

1,000,000

Number of livestock keeper households in rural communities set to benefit.

6

Number of vaccine producing laboratories in selected countries set to benefit.

20 million euros

Amount in the Financing Agreement signed by AU-IBAR and the EU.

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Implementing partners:



Financial support:

