



LEADER DE L'INNOVATION
AGRICOLE EN AFRIQUE DE
L'OUEST ET DU CENTRE



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October 2019 – September 2024



Strengthening of networks and institutional capacities in Plant improvement for the development of resilient crops meeting the needs of West African farmers (West Africa Breeding networks and Extension Empowerment = ABEE)

For more information on this program
please visit: www.coraf.org
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OBJECTIVES

The project aims to:

- implement a better coordinated approach to variety selection to improve and modernize breeding practices;
- identify market demands, in Burkina Faso, Niger and Senegal.

Duration of the program

5 Years

October 2019 – September 2024



8 Million

BACKGROUND

The modernization of varietal selection practices is essential to enable national programs to respond in a more relevant way to a variety demand targeting market needs and to increase efficiency in the development of resilient, productive and good nutritional quality varieties, adapted to the needs of the market adapted to their local environment.

TARGETED COMMODITIES



Sorghum



Millet



Cowpea



Groundnut



Fonio

WP4 TRAINING

WP1

Access, adoption to varieties that meet local needs and market demand

Seed Systems

Value chains

Characterize the varietal adoption models
Evaluate and strengthen the efficiency of seed production systems
Improve access to information on seeds (availability and performance)

List and document the demand of actors in the value chain in terms of varietal types and types of use
Participatory assessment in rural areas of the demand of target producers

WP2

Strengthening and modernizing national breeding programs

Demand-driven design

Good improvement practices

Farmer trial networks

Define selection targets based on information from varietal profiles defined by value chain actors
Document and centralize the characteristics of genetic material

equip and modernize the experimental stations and the IT infrastructure
Analysis of selection practices and strategies
Review selection practices
Development of phenotyping capacities (value chains)
Data management policies - standardize data management procedures
Deploy and manage data servers
Sharing and use of data by project teams
Quality control markers (QA / QC)
Forward breeding pilot

Participatory varietal Evaluation and selection (PVES) with networks and farmers' organizations
Structure / lead a sustainable experimentation network in a peasant environment

WP3

Regionalisation

Regional test network

Exchange and harmonization

Finalize the network charter
Annual meetings of the regional network
Regional multi-local trials
Sharing information at regional level
Development of a regional test data portal

The results of the tests of the regional network provide information on the varieties in the regional catalog

WP 5 Effective coordination for the achievement of results

