





Dr Ousmane NDOYE

Contact person

7, Avenue Bourguiba - B.P.48 Dakar RP - Senegal - CP 18523 Tel: (221) 33 869 96 18 - Mob: (221) 77 645 02 34 Email: ousmane.ndoye@coraf.org - Website: www.coraf.org



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
July 2021

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.

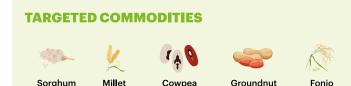






BACKGROUND

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.



WP4 TRAINING

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

> Seed Systems

Value chains

Demand -driven desian

Define selection

targets based

on information

profiles defined

from varietal

Good improvement practices

Strengthening and modernizing national

breeding programs

equip and modernize the experimental stations and the IT infrastructure Analysis of selection

by value chain Development of phenotyping capacities (value chains) Document and

centralize the characteristics of genetic material

Review selection practices

Data management policies -standardize data management procedures Deploy and manage data servers

Quality control markers (QA / QC)

Forward breeding pilot

Farmer trial networks

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

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

Sharing and use of data by project teams

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













