Responding to the COVID-19 crisis: CORIS rice seed delivery model

Ernst Zippel
CORIS Project coordinator (AfricaRice)

25th February 2021
CARD Phase 1 (2008-2018) activities resulted in increased production rate compared to the decade before (1996-2007) (Arouna et al., 2021)

Yield growth rate, however, decreased after 2012 (annual growth rate of 1.19% in 2012-2018 is less than 1.47% between 2007-2012) suggesting that the increase in production is mostly attributed to land area expansion

Dependency rate on import is around 40%

Climate crisis coupled with COVID-19 pandemic is visibly affecting performance of rice production systems

Emerging EBOLA epidemic in Guinea further threatens performance of rice production systems

Fig. 1. Trend in paddy production in the CARD countries (1000 tons).
Introduction

➢ CARD Phase 2 aims at increasing rice production within the context of the RICE framework (Resilience, Industrialization, Competitiveness, Empowerment)

➢ Models aimed at increasing the performance of the rice value chain are being developed by AfricaRice

➢ These models are associated with rice sector transformation systems, rice-based agri-food resilience systems, and rice genetic innovations systems

➢ This presentation will focus on an Accelerated rice seed production and delivery model driven by the COVID-19 Response Rice Seeds Project (CORIS) to respond to the COVID-19 pandemic.
COVID 19 Response Rice Seed Project

CORIS strategy is to deliver quality seed to mitigate COVID19 impacts on rice production

A cooperative SCALING approach based on a partnership between AfricaRice and GIZ

With support by the CIM/FIA Task Force on Scaling

AfricaRice – CORIS – Ernst Zippel – E.Zippel@cigar.org – WhatsApp +4917623283467
Breeder seed production (fully financed)
Foundation seed production (fully financed)
Certified seed production (incentive and marketing support)

Mitigate shortage of rice seed during economic crisis (COVID-19)
Support provided by CGIAR

Climate resilient varieties
Good Agricultural Practice (GAP)
Post harvest solution
Digital agricultural monitoring tool
Seed systems

Beneficiaries
- 10 M Consumers
- 2 M Rice farming family members
- 80,000 seed farming family members

AfricaRice – CORIS – Ernst Zippel – E.Zippel@cigar.org – WhatsApp +4917623283467
First discussions: end March 2020

- Breeding space: MAP4rice
- GIC: Benin, Burkina Faso, Côte d’Ivoire, Nigeria, Mali
- CARI

Institutions involved

- GIZ (GIC/CARI)
- AfricaRice
- National research centers
- TFoS - FIA

Contract signed: November 2020

- Grant Agreement GIZ – Africa Rice
- Financed by BMZ COVID 19 Sondermittel
- Project start 15th Octobre 2020

Intervening countries

- Beneficiaries
- Benin
- Burkina Faso
- Côte d’Ivoire
- Mali
- Nigeria

AfricaRice – CORIS – Ernst Zippel – E.Zippel@cigar.org – WhatsApp +4917623283467
early learning & lessons

"But even without COVID 19 this project will be very necessary"

Anticipate critical situations – sensitivity for opportunities/responsibilities

Feedback on how the research product is received: Interaction between research and developing

Have a sideling for scaling seed capital and GAP

Internal experience on procedures for scaling

Strength for the developing partner GIC: local knowledge and network, experience on needs and no-go areas

AfricaRice – CORIS – Ernst Zippel – E.Zippel@cigar.org – WhatsApp +4917623283467
Perspectives: CORIS 2.0

- Seed capital: CORIS is a starting point for this SEED CAPITAL for all Africa!
- Harvest solution: Use of micro harvester Outscaling of Service provision
- Research and Development: Successfull example : AICCRA Deeper linkages between Development and Research
- Development and Research: Collaboration with AFAP Common projects with finance mechanisms

AfricaRice – CORIS – Ernst Zippel – E.Zippel@cigar.org – WhatsApp +4917623283467
STAY SAFE

and

MAKE IT EASY

With support by the CIM/FIA Task Force on Scaling

AfricaRice – CORIS – Ernst Zippel – E.Zippel@cigar.org – WhatsApp +4917623283467