

CARD Webinar on COVID-19 impact and Rice competitiveness

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

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Introduction

- **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

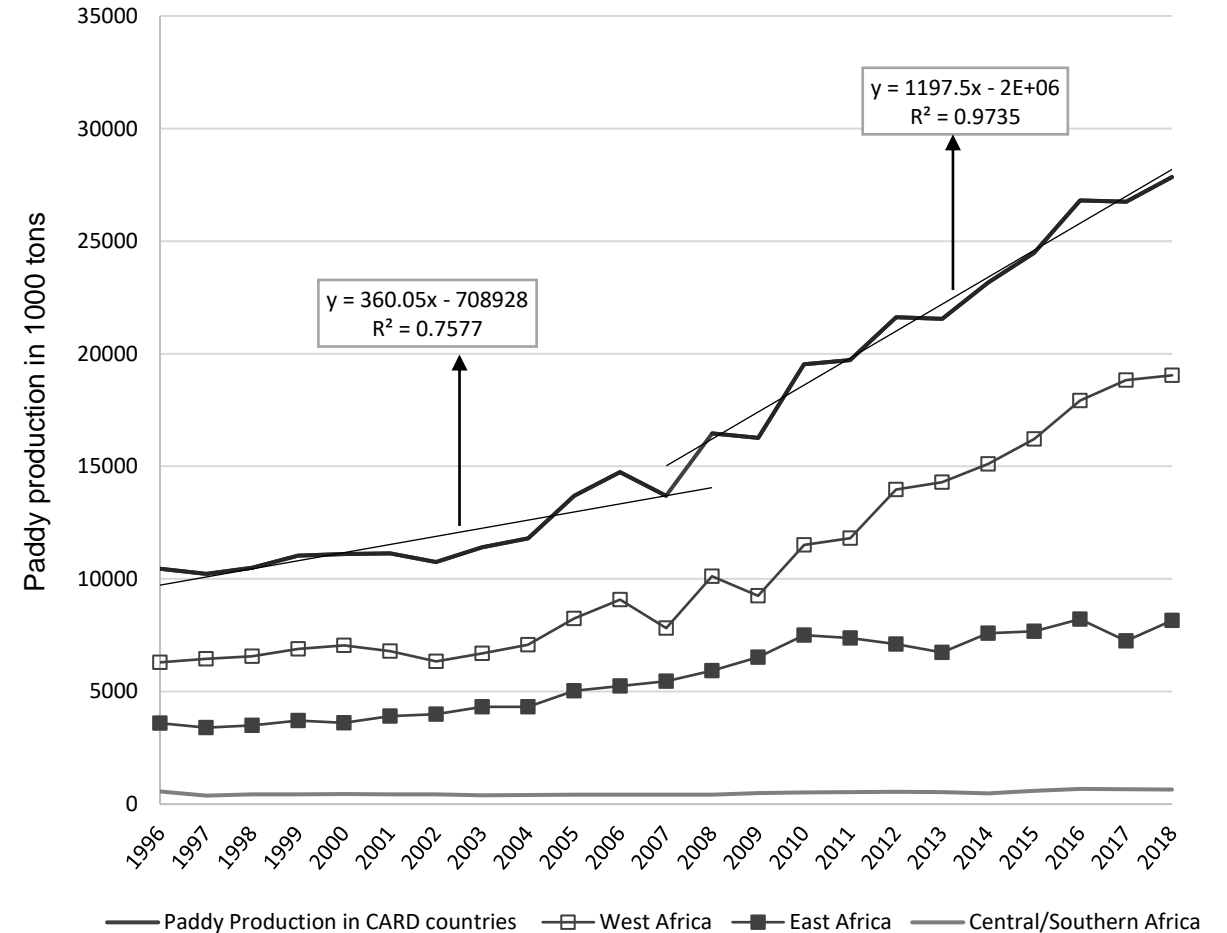


Fig. 1. Trend in paddy production in the CARD countries (1000 tons).

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.



CORIS

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*

giz Deutsche Gesellschaft
für Internationale
Zusammenarbeit (GIZ) GmbH



Green
innovation
centres



AfricaRice

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



WHAT?

- ✦ Breeder seed production (fully financed)
- ✦ Foundation seed production (fully financed)
- ✦ Certified seed production (incentive and marketing support)

WHY and WHEN?

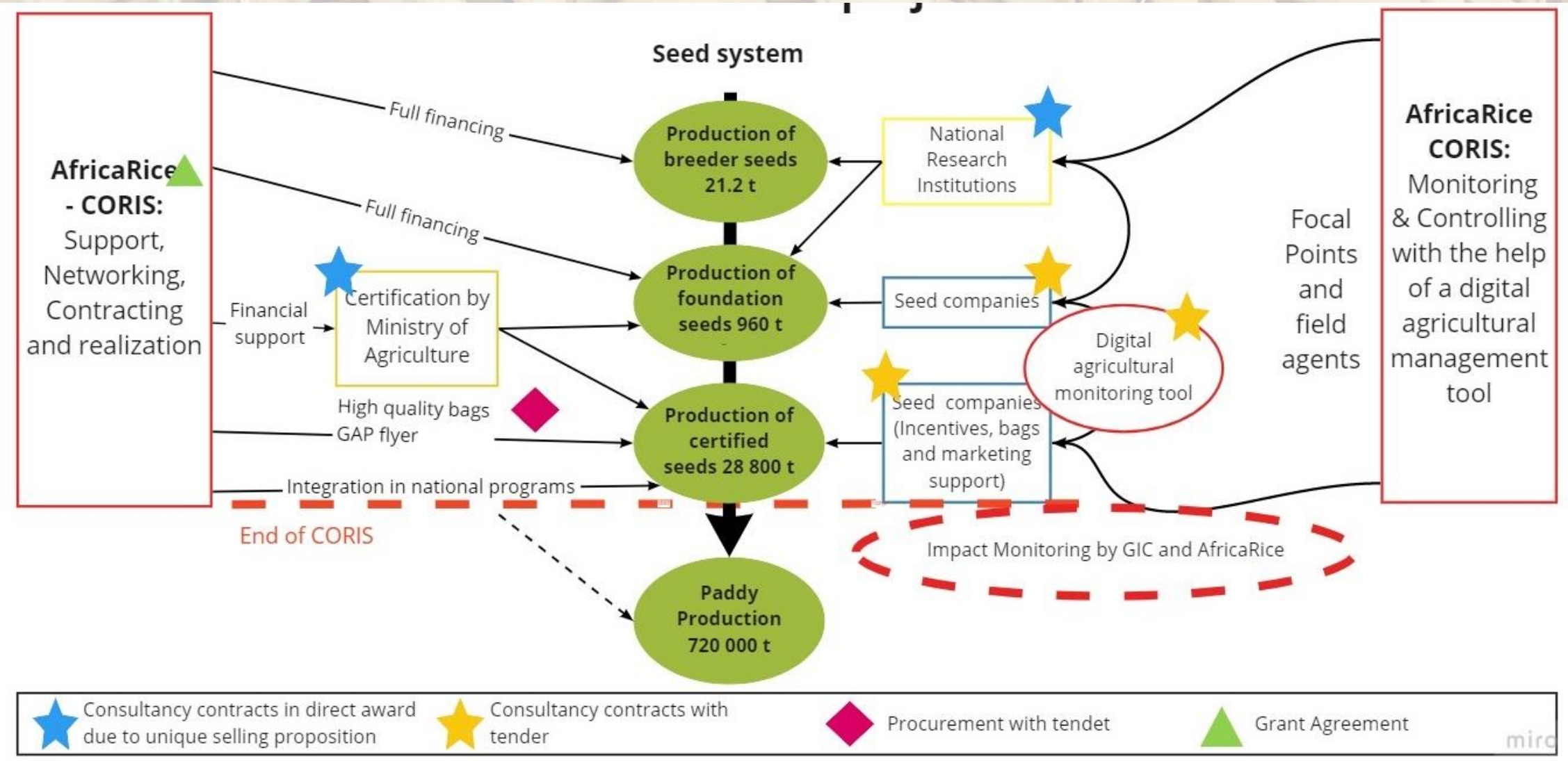
- ✦ Mitigate shortage of rice seed during economic crisis (COVID-19)
- ✦ Support provided by CGIAR

SCALING

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

IMPACT

- Beneficiaries
- ✦ 10 M Consumers
 - ✦ 2 M Rice farming family members
 - ✦ 80.000 seed farming family members



establishment



CORIS

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

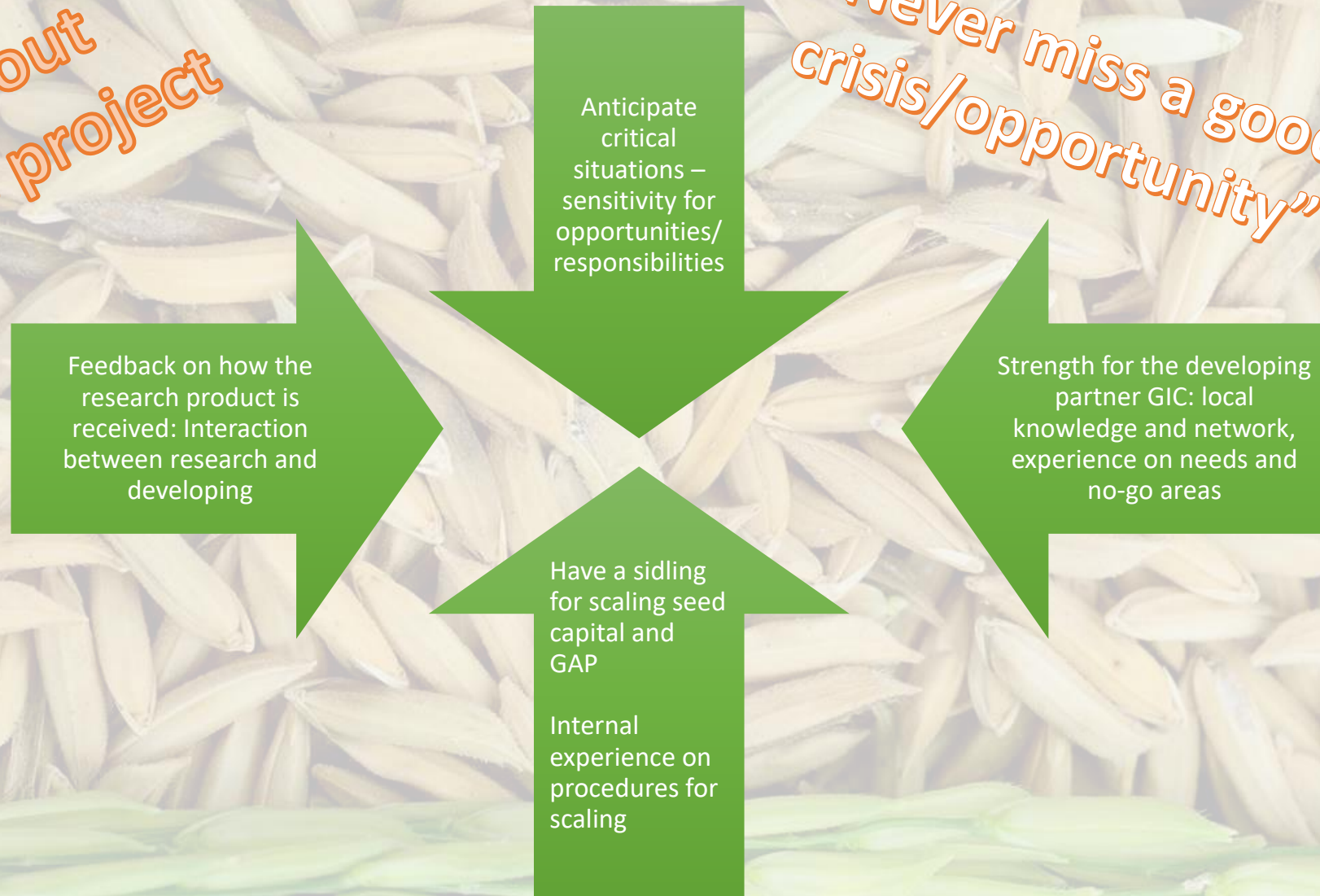
early learning & lessons



CORIS

“But even without COVID 19 this project will be very necessary”

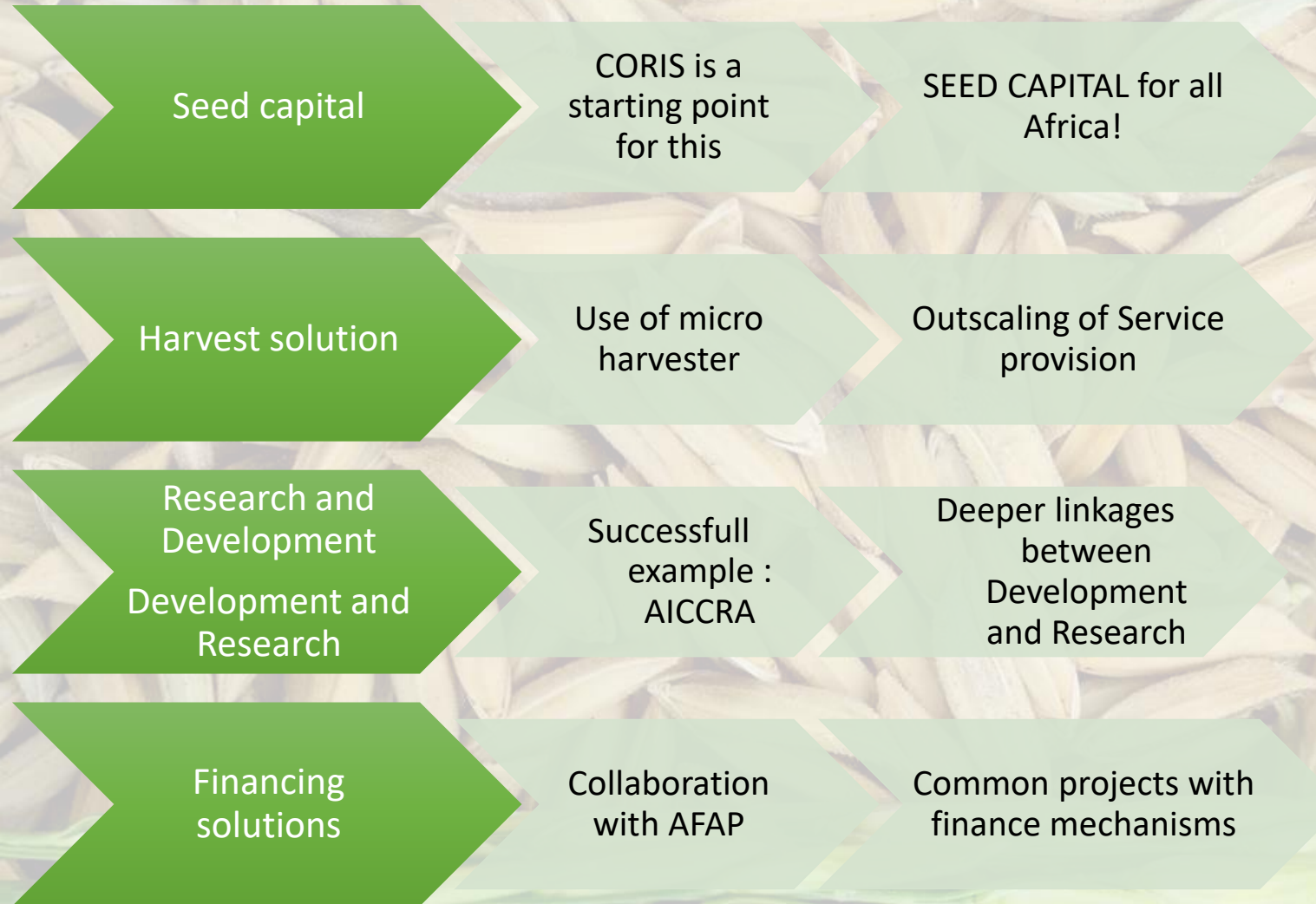
“Never miss a good crisis/opportunity”



Perspectives: CORIS 2.0



CORIS



S 2
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9



CORIS

STAY SAFE

and

MAKE IT EASY



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