



# THE WEST AFRICA FOOD SYSTEM RESILIENCE PROGRAM (FSRP)

SAHEL ALLIANCE WORKSHOP, NOVEMBER 8, 2023

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# Key features

The **Project Development Objective** is to *increase preparedness against food insecurity and improve the resilience of food systems* in participating countries.

The key features of the program are

- 1 A **food system approach** – a multi-sectoral operation aiming to achieve mutually reinforcing benefits
- 2 A **regional program** – strengthening regional ownership and leveraging economies of scale & spill-over effects
- 3 A **Multiphase Programmatic Approach (MPA)** – providing a medium-term time horizon (Implementation period: 2022 – 2028) and flexibility for effective program implementation based on client needs



**FSRP** West Africa Food System  
Resilience Program



# Project Components (C#)

**C1: Digital Advisory Services for agriculture and food crisis prevention and management (US\$ 95.5 million),** including through:

- Upgrading regional food crisis prevention and monitoring systems;
- Strengthening digital hydromet and agro-advisory services for farmers.

**C2: Sustainability and Adaptive Capacity of the Food System's Productive Base (US\$ 457.31 million)** including through:

- Consolidating regional agricultural innovation systems; and
- Strengthening regional food security through integrated landscape management and investment in climate smart agriculture technology

## Food System Approach



**C5: Program Management (US\$ 67.6 million)**

**C3: Regional Food Market Integration and Trade (US\$ 190.59 million)** including through:

- Facilitating trade across key corridors and consolidate food reserve systems;
- Supporting the development of strategic and regional value chains, including through investments in key infrastructure.

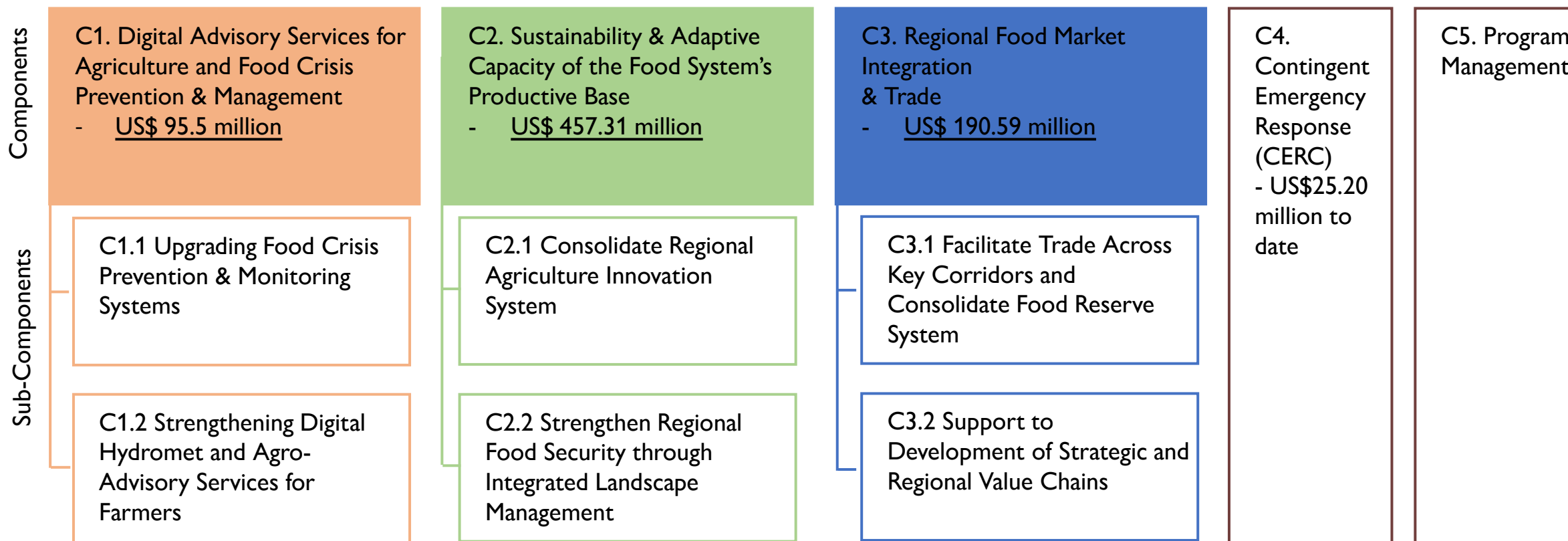
**C4: Contingent Emergency Response Component (CERC)**

- Flexible financing mechanism to help countries respond to their most urgent needs.

# Project Development Objective (PDO) and Project Components



The PDO is to increase preparedness against food insecurity and improve the resilience of food systems in participating countries.





# Selected Results

## Burkina Faso | Reached > 37,500 people

- Acquired and distributed 9,000 tons of fertilizer to over **35,000 producers** (20% women)
- Improved ag advisory and weather information distributed to **1,200 producers**
- **1,300 women** have received training to establish small-scale irrigation for vegetable gardens
- 3000 ha of degraded lands are currently being rehabilitated

## Sierra Leone | Reached > 360,690 people

- Fed **114,390 school pupils** with two school meals per day
- Supported **130,200 beneficiaries** through cash transfer and cash-for-work programs
- Provided crop farming support (seeds, fertilizers, pesticides) to **84,600 producers**
- Supported livestock production of **37,500 producers** through grants and in-kind support

## Mali | Reached > 161,600 people

- Acquired and distributed 1056 metric tons of climate-resilient seeds to **161,616 producers (36,414 women)** in 75 communes
- Currently acquiring 16,500 tons of fertilizer and another 3500 tons of climate-resilient seeds
- Trained 54 village brigades for pest control (**802 beneficiaries** (215 women)) on phytosanitary measures

## Niger | Reached > 66,200 people

- Distributed 143 tons of improved seeds to **9383 beneficiaries**
- **50,000 producers** are accessing digital agrometeorological advice
- Trained **6,820 producers** on phytosanitary issues

## Togo | Reached > 160,700 people

- Acquired and distributed 34,000 tons of fertilizer in support of **100,000 producers** (25 % women)
- Acquired and distributed more than 300 tons of improved seeds (rice and soy) to **22,746 producers** (50% women)
- Acquired and distributed vegetable farming kits to **1727 producers** (30% women)
- Trained **20,739 women** to process high-nutrition crops (soy, sweet potato)
- Trained **15,500 producers** (30% women) on sustainable land management



# An Integrated Approach to Resilience in the Sahel



**Sustainability & Adaptation Capacity of  
the Food System's Productive Base**

*Decision support (resource base monitoring &  
farmer weather and climate advisory)*

*Plant science research informs algorithms*

**Regional Food  
System  
Resilience**

*Quantity and quality of food produced increases  
sustainably, reducing import dependency*

*Trade balances surplus and deficit areas*

**Digital Advisory, Food  
Crisis Prevention &  
Management**

*Climate information reduces uncertainty and risk  
for traders and informs management of food reserves*

**Regional Food Market  
Integration  
& Trade**

# Regional Collaboration Opportunities to build Resilience

**C1:**  
**Agro-met and Hydro-met information systems (CILSS)**

**Digital information systems and applications**

**C2:**  
**Integrated Landscape Management investments (irrigation)**

**Innovation investments (CORAF MITA)**

**C3:**  
**ECOWAS Rice Observatory**

**West Africa Soil Health and Fertility Roadmap**

**ECOWAS Regional Food Reserve**

**Investments in value chain infrastructure (energy, cold chain)**



FSRP West Africa Food System Resilience Program



**ANNEX**



**FSRP** West Africa Food System  
Resilience Program

# ORIGINS OF THE PROGRAM



**FSRP** West Africa Food System  
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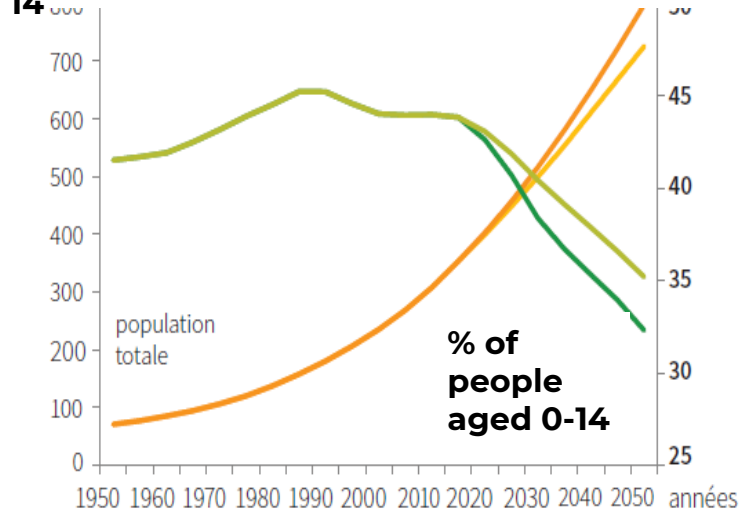
# Why FSRP?



FSRP West Africa Food System Resilience Program

## DEMAND SIDE PRESSURE

Population of West Africa, share of aged 0-14



**Population growth & urbanization** are economic opportunities but raise pressure on production to deliver sufficient food with lower per capita endowments of natural resources

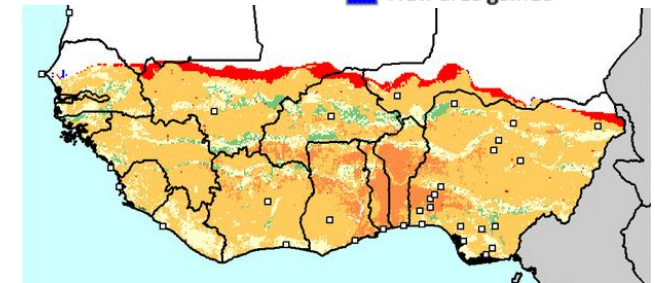
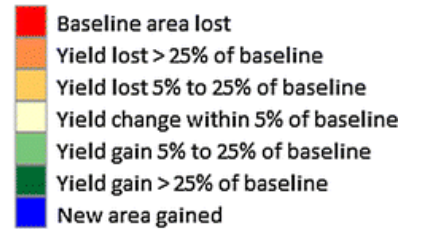
More than 42.5 million people are expected to be in food crisis in June-August 2023 (RPCA)



**Fragility & conflict** disrupt food production & livelihoods. Vice-versa, food insecurity contributes to migration and competition over natural resources.

## SUPPLY SIDE PRESSURE

Yield Changes for Rainfed Sorghum by 2050



**Climate Change** exerts increasing pressure on food production through adverse trends in temperature and precipitation

# The World Bank is providing support to West Africa's food security agenda



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## THE REGIONAL CONTEXT

- **Malabo Declaration (2014)** set ambitious targets for food security in Africa by 2025.
- **ECOWAS Common Agricultural Policy (ECOWAP) with its Strategic Policy Framework (SPF)** reflects the commitment of West Africa's leaders to end hunger and malnutrition
- **Africa Food Security Leadership Dialogue (2019)** galvanized action and mobilized financing to address Africa's food security challenges under climate change.

## BUILDING ON PREVIOUS PROGRAMS

- **The West Africa Agriculture Productivity Program (WAAPP, 2011-2019)** set a strong foundation for regional collaboration around food security and created a regional agricultural research and innovation system



# RESULTS AND ACTIVITIES



**FSRP** West Africa Food System  
Resilience Program



## Featured Results Stories: Building the capacity of food processors in Togo

To date, [FSRP trained more than 20,000 women in Togo](#) on processing techniques for soy and sweet potatoes to improve nutrition outcomes and raise incomes.



*"Thanks to the FSRP we've learned how to process soy into enriched flour to make porridge, how to make soy milk, soy cheese, and tofu. We were also shown how to process orange-fleshed sweet potatoes to make juice and fritters. The project also provided us with tools that we need for food processing, which has made our work much easier."*

**Edwige Malidja, Food processing trainer in Cinkassé**



*"When I used soybeans to make cheese, I didn't process them, and the cheese turned out very heavy. Thanks to the FSRP I learned how to process a bowl of soya into cheese that is very light and mild. It is very tasty and attracts more customers."*

**Warpoa Douti, soy producer in Naki Est**



# Featured Results Stories: Spotlight on Soil Health and Fertility – Togo



**In May 2023, FSRP supported 34,000 metric tons to reach 100,000 people in Togo**

Victoire Dabla is one of the beneficiaries. She is a rice farmer in Mission Tove, 30 km of Lomé. She is one of the many Togolese farmers who struggles with low yields and soil degradation.

"Fertilizer is essential for us because our soil is poor. Without fertilizers, the rice leaves turn yellow, and then they turn red. But when we spread fertilizers, they are all green," says Victoire.



Video on Soil health in Togo:  
<https://youtu.be/PqiBdQqVXRa>

**Togolese farmer Victoire Dabla, watching the green paddy field where she spread the fertilizer purchased at a subsidized rate from the government Center for the supply and management of agricultural fertilizers**



# C1 Activities – Regional: Digital Advisory for Agriculture and Food Crisis Prevention



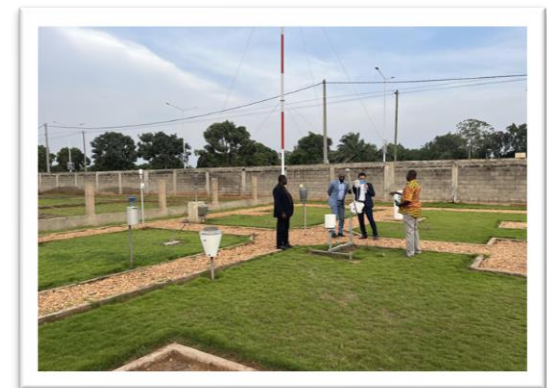
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... AGRHYMET is supporting FSRP countries **in increasing the quality and reach of their hydromet services for improved on-farm decision-making**

Examples include

- Setting up watch room for impact-based forecasting of hydrometeorological extremes across West Africa
- Supporting FSRP countries in upgrading observational hydromet data networks
- Training personnel of ECOWAS countries in (agro)meteorology, hydrology, plant protection and pest management and providing technical capacity-building for staff of meteorological agencies



## C2 Activities – Regional: Sustainability and Adaptive Capacity of the Food System’s Productive Base



is **strengthening the regional agriculture research system and facilitating access to improved technologies**

Examples include

- Organizing regular **Technology Markets** (Marché des Innovations et Technologies Agricoles (**MITA**)) to showcase and promote the adoption resilience and productivity-enhancing innovations

### Results of MITA held in 2023

- 190 participants, including
- 57 women or 30%, 51 young people or 27%
- 17 countries attended
- 105 institutions and companies represented
- 120 Technologies showcased
- 70 Technologies requested by end-users





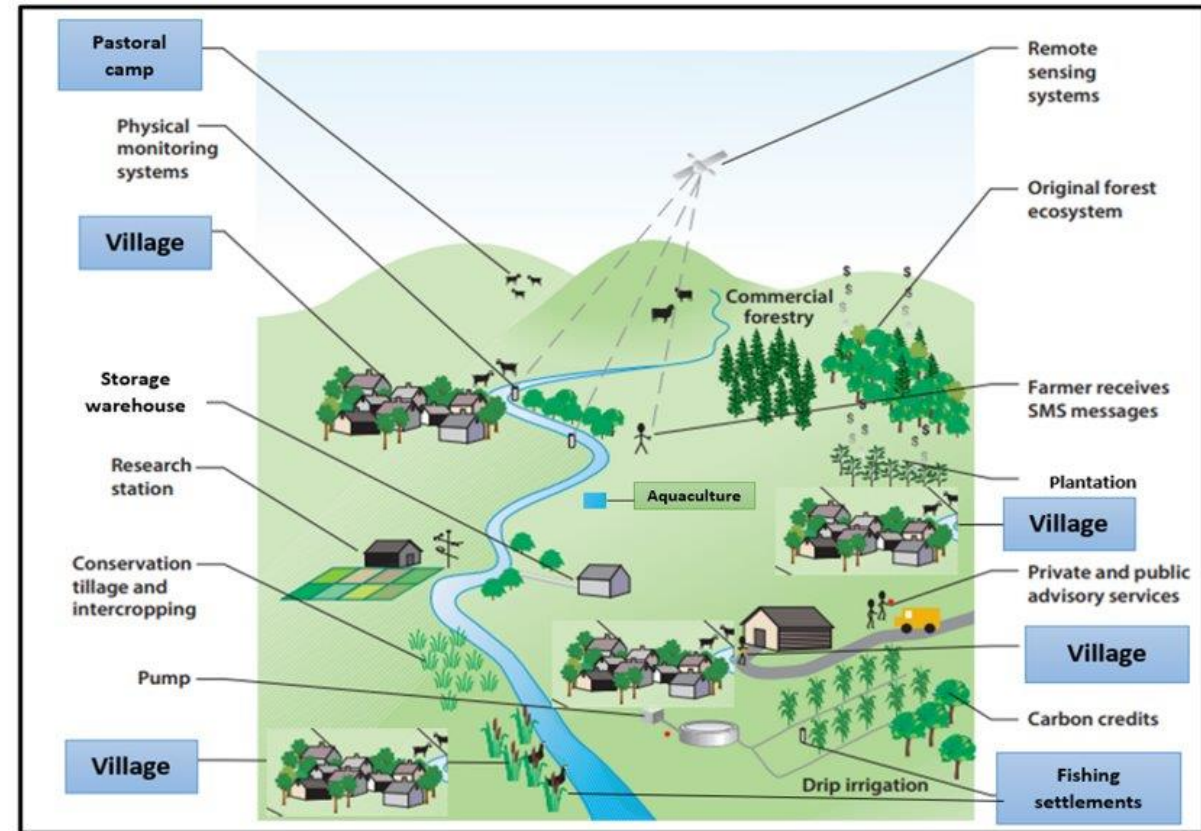
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# C2 Activities – at country-level: Sustainability and Adaptive Capacity of the Food System’s Productive Base

To ensure that food production remains sustainable over time, FSRP promotes **integrated landscape management (ILM)** - a participatory planning process to manage natural resources in a sustainable manner

Examples for ongoing investments that FSRP countries make as part of their ILM plans include

- Rehabilitation of degraded lands
- Scaling-up of small-scale irrigation
- Restoration of flood plains





# C3 Activities: Regional Food Market Integration and Trade



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is fostering **intra-regional food trade and food value chain development**

Examples include

- Support to countries to implement the ECOWAS Trade and market (EATM) scorecard - an accountability tool to monitor and evaluate trade policy implementation
- ECOWAS is currently assisting countries with setting up country teams tasked with compiling data on scorecard indicators (e.g., required time to trade agricultural goods and inputs across borders)

EATM – Scorecard Objectives



Promoting co-operation and integration through regional trade of agricultural goods and inputs

Facilitating cross-border trade of agricultural goods and inputs



Improving national implementation of regional trade policies and regulations