



# CARD

## **Coalition for African Rice Development (CARD) Phase 2**



# Coalition for African Rice Development

## 19<sup>th</sup> Steering Committee Meeting

– Rice value chain development through engagement of private sector –

Sofitel Abidjan Hotel Ivoire, Côte d'Ivoire

3rd July 2023



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# Announcement from the Secretariat

1. Meeting documents, including all presentation slides, are electronically available (no hard copies are distributed).
2. WhatsApp group for questions and comments
  - Please find an email from Tomokazu Nagai on 2 July.

# Co-Chairs

AM



**Dr. Baboucarr Manneh**  
Director General, AfricaRice

PM



**Mr. Shinjiro Amameishi**  
Deputy Director General, Economic Development Department, JICA



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# OPENING REMARKS

Dr. Baboucarr Manneh, AfricaRice



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# TODAY'S AGENDA & SCHEDULE



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**Monday**  
**3<sup>rd</sup> July 2023**

**Co-chairs**

**Morning:**  
**AfricaRice**

**Afternoon:**  
**JICA**

Time	Item	Presenter
9:00-9:05	Opening remarks	Co-chair (AfricaRice)
9:05-9:15	Recap of discussions in SC18	CARD Secretariat
9:15-9:35	CARD Progress	CARD Secretariat
9:35-10:20	Key points to be covered in <a href="#">GM9</a> <ul style="list-style-type: none"> <li>i) Continuous support to the CARD member countries in NRDS implementation</li> <li>ii) Continuous support to relevant stakeholders for regional strategy development/implementation led by RECs</li> <li>iii) <a href="#">Good</a> practices of Industrialization through private sector engagement</li> <li>iv) M&amp;E Framework for CARD Phase 2</li> </ul>	CARD Secretariat SC members
10:20-11:00	(Photo session) Coffee break	
11:00-12:30	Rice related activities by SC members (15 min. each)	AATF AfDB FARA IFAD
12:30-13:30	Lunch	
13:30-15:30	Rice related activities by SC members (15 min. each) (continued)	JICA JIRCAS WB WFP COMESA
15:30-16:05	CARD M&E	CARD Secretariat
16:05-16:25	Schedule of future CARD meetings	CARD Secretariat
16:25-16:30	Closing remarks	JICA

# INTRODUCTION OF MEMBERS/PARTNERS



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# Supporting partners (Steering Committee members)

## 5 RECs



## 14 Development Partners



# RECAP OF THE 18<sup>TH</sup> STEERING COMMITTEE



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# SC18 Highlights

Dates: 29-30 September 2022

Venue: Julius Nyerere International Convention Center, Dar es Salaam, Tanzania

Participants: 13 SC and RECs representatives

- Participants shared updates on their rice-related activities
- Participants suggested potential M&E indicators that could be added to 12 common indicators
- Several SC member participants demonstrated their interests in financially supporting the implementation of ERDS as well as the operation of CARD Secretariat



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# SC18 Way Forward

## Country level

- Continue support for the formulation of NRDS2 in the remaining 12 countries
- Continue support for the implementation of NRDS2

## Regional level

- Continue support to ECOWAS and EAC for their Regional Strategy implementation
- Support SADC for its Regional Strategy formulation

## M&E framework

- Continue to support member countries for conducting the M&E Baseline study
- Support the organization of Annual Rice Sector Review Meetings at the country and regional levels where possible



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# CARD PROGRESS



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# Progress to date in Phase 2

1. Progress in figures
2. Support for formulation/revision of NRDS
3. Support for implementation and M&E of NRDS
4. Support to RECs



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# Before that...



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# New General Coordinator of the CARD Secretariat: Ken Fujie

- Joined JICA (Japan International Cooperation Agency) in 1990
- Field experiences in Kenya (1994-97, 2006-09, 2023-), Nigeria (2009-11), Tanzania (2015-18 EAC Secretariat), US (1999-2002 USAID)
- Area: Industrial Development, Trade & Investment



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# Progress to date in Phase 2

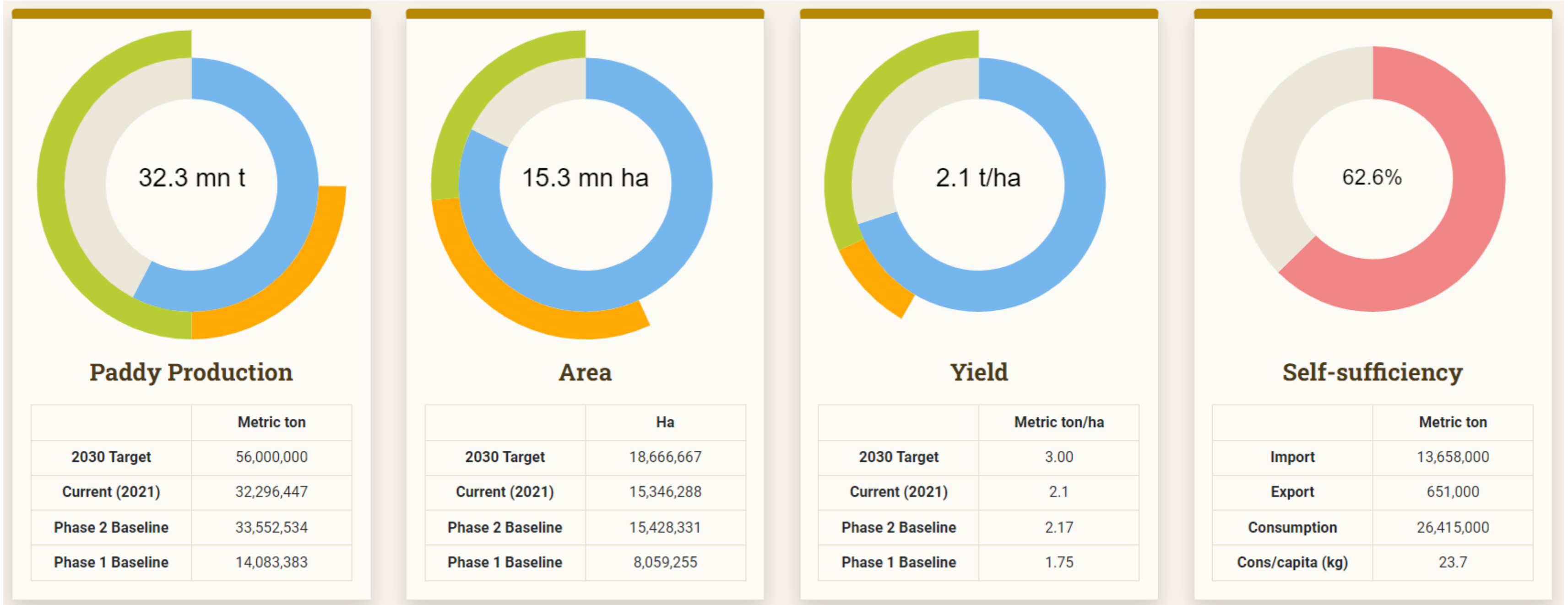
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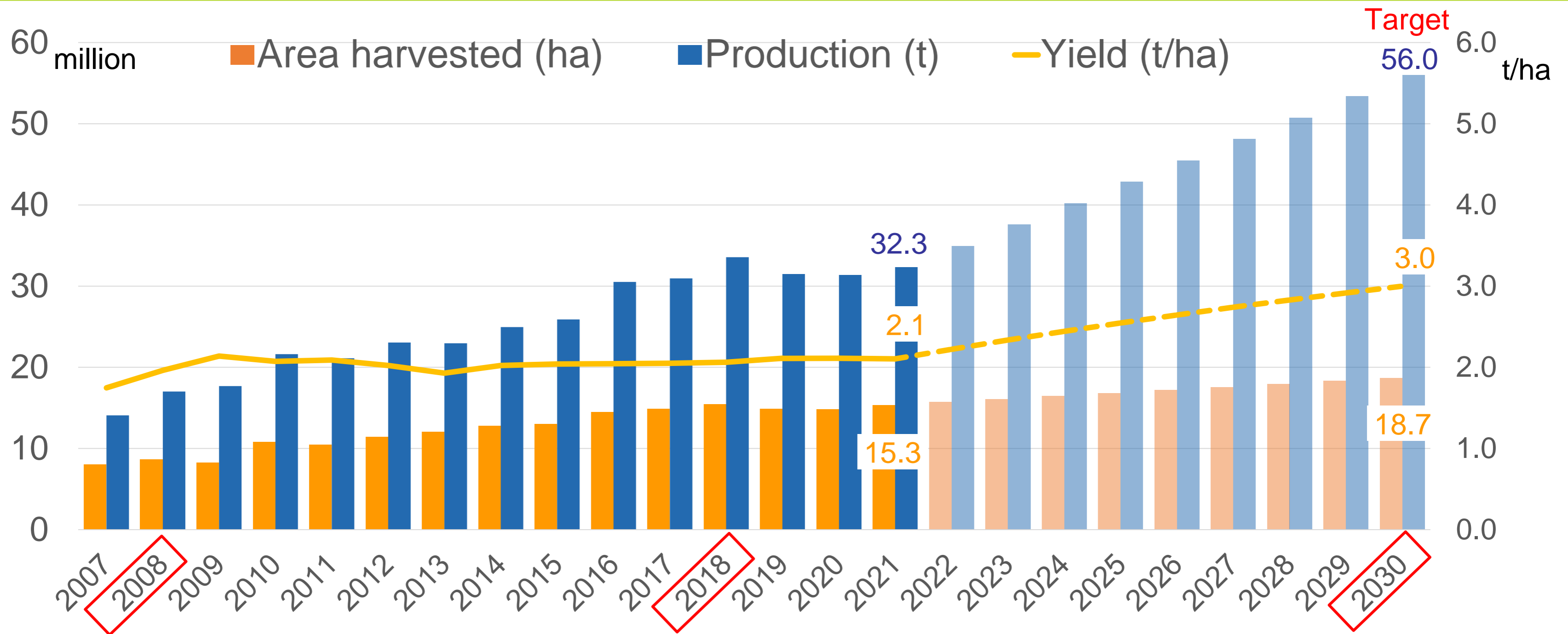
# Progress Monitoring (rice statistics)



■ Current situation   
 ■ Increase during Phase 1   
 ■ Target increase during Phase 2

Source: Calculated using data from FAOSTAT. Not only 32 CARD member countries but all Sub-Saharan African countries are included. Data from Food Balance Sheet are converted from paddy to milled rice equivalent, using the rate of 0.667, which is also used by FAOSTAT. Consumption refers to the element "Food" in Food Balance Sheet.

# Production, area harvested, and yield of paddy rice in Sub-Saharan Africa



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Phase 2

Source: FAOSTAT

# Progress to date in Phase 2

1. Progress in figures
- 2. Support for formulation/revision of NRDS**
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# Progress of NRDS2 formulation process

G1 Country	WW1	WW2	WW3
Cameroon	Validated		
Ghana	Validated		
Guinea	→	→	→ 
Kenya	Validated		
Madagascar	Validated		
Mali	(-2025)		
Mozambique	Validated		
Nigeria	Validated		
Senegal	Validated		
Sierra Leone	Validated		
Tanzania	Validated		
Uganda	Validated		

G2 Country	WW1	WW2	WW3
Benin	Validated		
Burkina Faso	Validated		
Côte d'Ivoire	→	→	→ 
CAR	(-2025)		
DR Congo	Validated		
Ethiopia	Validated		
The Gambia	Validated		
Liberia	Validated		
Rwanda	Validated		
Togo	Validated		
Zambia	Validated		

G3 Country	WW1	WW2	WW3
Angola			
Burundi	→	→	→ 
Chad	→	→	→ 
Congo	Validated		
Gabon	→	→	
Guinea Bissau	(-2025)		
Malawi	→	→	→ 
Niger	Validated		
Sudan	Validated		

25 countries have NRDS2

5 countries almost done

2 countries working on it

# National Rice Development Strategy 2 (NRDS2) Formulation progress

10 NRDS2  
validated during  
the past year

Under  
finalization

Under  
finalization

Under  
finalization

THIRD NATIONAL RICE  
DEVELOPMENT STRATEGY

# Progress to date in Phase 2

1. Progress in figures
2. Support for formulation/revision of NRDS
- 3. Support for implementation and M&E of NRDS**
4. Support to RECs



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# Tracking rice related projects on CARD website

CARD Geo-Portal

[About](#)
[Zoom To Full Extent](#)
[Show/Hide Filter](#)
[Download Data](#)

**Navigation Sidebar**

Filters Check All Uncheck All

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**ACTIVITY TYPE**

---

**COVERAGE**

---

**COUNTRY**

---

**PERIOD**

---

**SCHEME**

---

**BUDGET**

---

**IMPLEMENTING PARTNERS**

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**RICE APPROACH**

---

**SIEM**

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**CROSS-CUTTING**

**Map Style**

Street Map

Aerial Imagery

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**Additional Information**

CARD Member Countries

Milling Facilities

Machine Hiring Providers

Irrigation Schemes

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**Activities**

● Project

● Research

● Private Investment

● Training

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**Others**

● Milling Facilities

● Machine Hiring Providers

● Irrigation Schemes Areas

● Irrigation Schemes

**Summaries**

Activities	Total Budget
317	USD 9,023,686,402

Developed for [Card For Africa](#) | Attribution



# On going activities (country page)

## Activities in Burkina Faso

View map in full screen mode

CARD Geo-Portal

About

Zoom To Full Extent

Show/Hide Filter

Download Data

### Navigation Sidebar

Filters

Check All

Uncheck All

#### ACTIVITY TYPE

#### COVERAGE

#### COUNTRY

#### PERIOD

#### SCHEME

#### BUDGET

#### IMPLEMENTING PARTNERS

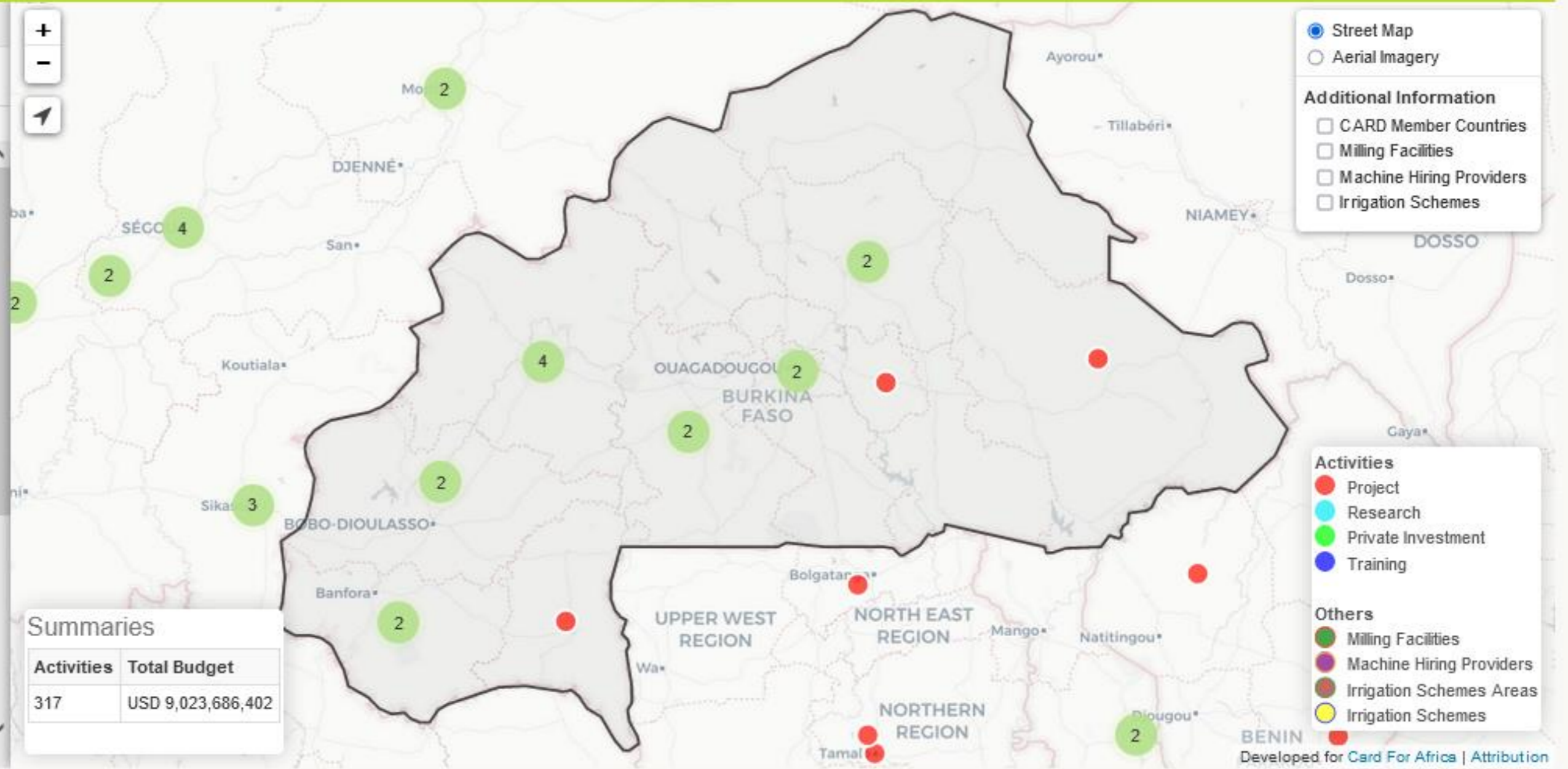
#### RICE APPROACH

#### SIEM

#### CROSS-CUTTING

### Summaries

Activities	Total Budget
317	USD 9,023,686,402



- Street Map
- Aerial Imagery
- Additional Information**
- CARD Member Countries
- Milling Facilities
- Machine Hiring Providers
- Irrigation Schemes

- Activities**
- Project
- Research
- Private Investment
- Training
- Others**
- Milling Facilities
- Machine Hiring Providers
- Irrigation Schemes Areas
- Irrigation Schemes

# Strategies and Concept Notes (country page)

## Strategy in Burkina Faso

NRDS 1	NRDS 2	RSDS	Mechanization Strategy
 <p>2012 - 2018 (English) 2012 - 2018 (French)</p>	 <p>2021 - 2030 (French)</p>	 <p>2016 - 2020 (French)</p>	 <p>2016 - 2025 (French)</p>

## Investment Opportunities in Burkina Faso

NRDS2-CNs Summary	NRDS2-CN1	NRDS2-CN2	NRDS2-CN3	NRDS2-CN4	NRDS2-CN5
 <p>PDF </p>	 <p>PDF </p>	 <p>PDF </p>	 <p>PDF </p>	 <p>PDF </p>	 <p>PDF </p>

- NRDS2-CN1: Projet d'intensification des systèmes de production rizicole
- NRDS2-CN2: Projet Mecanisation Des Operations de production, de recolte et de post-recolte du riz (PM/OPR)
- NRDS2-CN3: Projet d'Appui à la transformation du riz du Burkina
- NRDS2-CN4: Projet d'amélioration de la compétitivité du riz du Burkina
- NRDS2-CN5: Projet de renforcement de la recherche-action sur la chaine de valeur riz

# Agriculture projects with rice components in CARD member countries (commenced between 2019 and 2021) (1)

## **Benin**

Projet Programme d'appui au développement des Filières Agricoles (PROFI)

## **Burkina\_Faso**

Programme de Coopération Agricole Burkina Faso/Republique Populaire de Chine (PCA-BF/CH)

PROGRAMME DE VALORISATION DU POTENTIEL AGRO-PASTORAL DANS L'EST DU BURKINA FASO

PROGRAMME DES RISQUES AGRICOLES ET ALIMENTAIRES (PRAA)

PROJET AGRICULTURE CONTRACTUELLE ET TRANSITION ECOLOGIQUE (PACTE)

PROJET DE DEVELOPPEMENT D'INCUBATEUR D'ENTREPRENEURS DANS LES FILIERES AGRICOLES PORTEUSES

PROJET DE DEVELOPPEMENT D'INFRASTRUCTURES AGRICOLES POST RECOLTES (PDIAP)

Projet Programme d'appui au développement des Filières Agricoles (PROFI)

## **Burundi**

Private Seed Sector Development

Projet d'Appui à l'Inclusion Financière Agricole et Rurale du Burundi

Promotion des pratiques agro écologiques dans les coopératives accompagnées par ADISCO

## **Cameroon**

Aménagement et Valorisation des Investissements sur la Vallée du Logone et la Vallée de la Benoué

## **Côte\_d'Ivoire**

Projet d'Aménagement Hydro Agricole Folon Kabadougou

Projet de Promotion du Riz Local en République de Côte d'Ivoire 2

## **DR\_Congo**

Inclusive and Resilient Rural Development Support Project

## **Ethiopia**

Agricultural Growth and Transformation Advisor

# Agriculture projects with rice components in CARD member countries (commenced between 2019 and 2021) (2)

## Ghana

Improvement of rice value chain in Central Region

## Guinea

Projet d appui a la transformation de l agriculture guineenne PATAG

Projet d appui au developpement agricole du development du pole G PADAG

Projet d appui au programme national de la statistique agricole et au foncierrural

Projet de developpement de l agriculture integre guinee

Projet de développement rural integre de Gaoual-Koundara- Mali

Projet de developpement chane de valeur riz

Projet de valorisation du riz local en guinee

Projet developpement de chaine de valeur du riz

Projet pour la Promotion de la Production, de Transformation et de la Commercialisation du riz local en Basse-Guinée

Recensement nationale de agriculture et elevage(RNAE)

## Kenya

Capacity Development Project for Enhancement of Rice Production in Irrigation schemes in Kenya (CaDPERP)

National Value Chain Support Programme (NVSP)

Strengthening the Rice Sector in East Africa for Improved Productivity and Competitiveness of Domestic Rice

## Liberia

Integrated Sustainable Rice System Development

Sustaining Peace and Improving Social Cohesion through the Promotion of Rural Employment in Conflict Prone Areas

## Madagascar

Projet d'Appui pour l'Amélioration de la Productivité et de l'Industrialisation du secteur RIZ (PAPRIZ III)

# Agriculture projects with rice components in CARD member countries (commenced between 2019 and 2021) (3)

## **Mali**

Contrat plan Etat - ADRS-Exploitants Agricoles

Contrat plan Etat - OPIB-Producteurs

Contrat plan ODRS-Etat- Producteurs

CONTRAT PLAN ORS-ETAT-PRODUCTEURS

Support for the national small-scale irrigated agriculture program in Timbuktu and Mopti

## **Mozambique**

Agro-Industry Promotion Project in the Zambezi Valley Region - ADVZ

Rice Value Chain Intensification and Promotion Program

## **Niger**

Activités de la Maison du Paysan

Programme d'appui à la campagne pastorale

Programme de Soutien à la Campagne Agricole

Programme de Vaccination et de Déparasitage

Programme de Vulgarisation des Cultures Irriguées

Projet Conjoint de Promotion de la Cohésion Sociale entre Agriculteurs et Eleveurs

Projet d'Appui à la Petite Irrigation PAPI

Projet de Renforcement de la Résilience de l'Agriculture face aux changements Climatiques (PRRACC)

Projet Intégré pour la modernisation de l'Élevage et de l'Agriculture pour la Transformation du monde rural au Niger

## **Nigeria**

Provision of equipment and machinery for rice postharvest activities

# Agriculture projects with rice components in CARD member countries (commenced between 2019 and 2021) (4)

## **Republic\_Congo**

Etude expérimentale et recherche rizicole à Kombé, Brazzaville

Programme de développement économique et social de la République du Congo

## **Senegal**

Africarice project

Femmes, Agricultures et résilience (FAR)/ Women, agriculture, resilience

GIZ-Manobi- Africa Rice

Mieux connaître l'eau: vers un accès plus équitable et plus durable aux ressources naturelles

Ndundal suuf project

Programme d'Appui au Programme National d'Investissement dans l'Agriculture au Sénégal (PAPSEN sud)

Projet Agropole Nord/Northern Agropole

Projet de production de riz irrigué dans la vallée du fleuve Sénégal

Projet de promotion de la chaîne de valeur riz (Projet BID)

Projet De Valorisation des Eaux pour le Développement des Chaines de Valeur (PROVALE –CV)

Renforcement des capacités des producteurs pour réduire les pertes de riz après récolte et partenariat public-privé

Services de la chaîne de valeurs/ Value Chain Services

## **Sierra\_Leone**

Agricultural Value Chain Development Project (AVDP)

Regional Rice Value Chain Project (RRVCP)

Sierra Leone Agribusiness Rice Value Chain Support Project (SLARiS)

## **Tanzania**

Competitive African Rice Initiative in East Africa (CARI-EA) Project

Iringa Mitigation, Adaptation, Productivity for Climate Smart Agriculture (IMAP4CSA)

# Agriculture projects with rice components in CARD member countries (commenced between 2019 and 2021) (5)

## The\_Gambia

Regional Rice Value Chains Development Project (RRVCDP)  
Rice Value Chains Transformation Programme (RVCTP)

## Uganda

Establishment of Sustainable Model Villages  
Project for the Establishment of Irrigation System in Atari Basin Area  
Promotion of Rice Development (PRIDE II) Project II

## Zambia

Expansion of Community-Based Smallholder Irrigation Development Project (E-COBSI)  
Market-Oriented Rice Development Project (MOReDeP)

## 76 projects in 21 countries

**Note: Portion of rice components is not clear at this moment; Information on projects starting in 2022 and 2023 is yet to be collected (some of those new projects will be presented in Agenda 2 by NRDS Focal Point persons).**

# Progress to date in Phase 2

1. Progress in figures
2. Support for formulation/revision of NRDS
3. Support for implementation and **M&E of NRDS**
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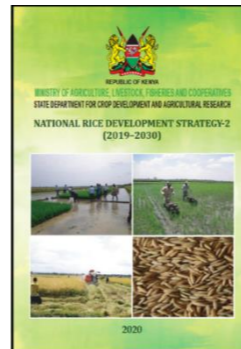
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# Challenges faced during Phase 1



Working Week



Ministry of Agriculture, Forestry and Cooperatives		Ministry of Agriculture, Forestry and Cooperatives	
National Rice Development Strategy-2 (2019-2030)		National Rice Development Strategy-2 (2019-2030)	
Phase 1: Formulation/Revision of NRDS	Phase 2: Validation & Launching of NRDS	Phase 3: Development of Project Concept Notes	Phase 4: Lobbying for funding
Phase 5: Project Implementation	Phase 6: M&E	Phase 7: Government	Phase 8: Depvelopment partners
Phase 9: Private sector	Phase 10: Government	Phase 11: Depvelopment partners	Phase 12: Private sector

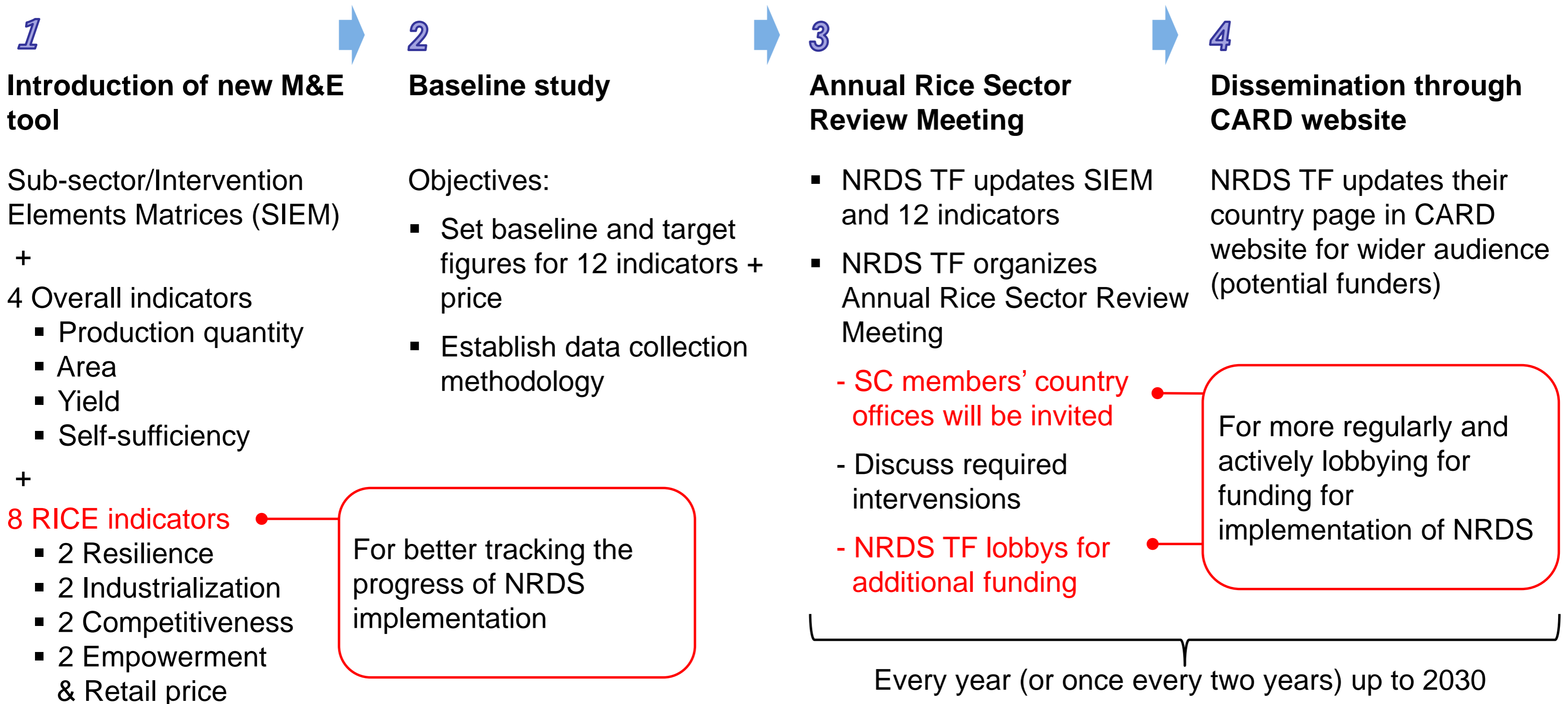


Lack of system to regularly communicate with Development Partners, including SC country offices

Three indicators (production quantity, area harvested, and yield) were not enough to effectively track the progress of NRDS implementation

Government  
Depvelopment partners  
Private sector

# Enhanced M&E framework for Phase 2 for accelerating NRDS implementation



# M&E baseline study progress

**1** Introduction of new M&E tool

**2** Baseline study

**3** Annual Rice Sector Review Meeting

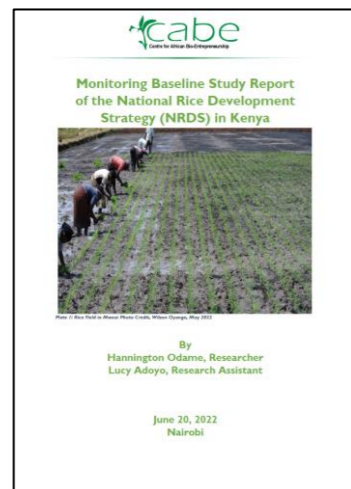
**4** Dissemination through CARD website

7 countries have completed the study  
4 countries ongoing

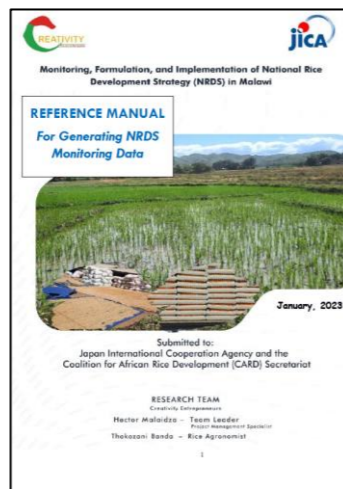
Burkina Faso



Kenya



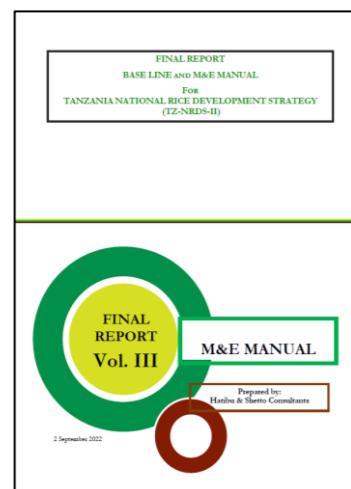
Malawi



Rwanda



Tanzania



Togo



Zambia



Extract from the procedural manual of Tanzania, describing how to collect data

### Indicator 6: Quantity of Seeds of Resilient Varieties (MT)

Level of results	Output
Responsible institutions	Tanzania Official Seed Certification Institute (TOSCI).
Definition	Quantity of seeds of locally preferred varieties with resilient characteristics, locally produced and/or imported annually.
Formula	Quantity (MT) of Seeds of Resilient Varieties = Quantity of Certified Seeds of Resilient Varieties (locally produced + imported) + Quantity of QDS of Resilient Varieties locally produced (MT).
Data collection methodology	<ol style="list-style-type: none"> <li>First step is to obtain information from the TOSCI catalogue that is published annually regarding the varieties, for which Certified and/or QDS seed was produced in the year under monitoring (See Appendix 4).</li> <li>Use the catalogue to determine which of those varieties meet the resilience characteristics.</li> <li>Extract information on the quantities of seed produced as certified, or approved as Quality Declared Seed (QDS), from Annual Reports produced by TOSCI to compliment the data from the Catalogue of Varieties.</li> <li>Fill in the Table as presented in Appendix 2 to establish a summary that can be used for NRDS-II M&amp;E.</li> <li>Validate the information with TOSCI and TARI-Ifakara, to obtain more insights on the characteristics of the rice varieties.</li> </ol>
Disaggregation needed	Disaggregation of quantity of locally produced and imported rice seeds.
Source of Data	TOSCI
Frequency	Annually – can be collected at the end of rice production season in each calendar year

# Progress to date in Phase 2

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# EAC ERDS Implementation Plan



## Regional workshop

Dates: 20-24 February 2023

Venue: Sarova Stanley Nairobi Hotel, Kenya

Participants: ERP members, NRDS FPs, Kilimo Trust, EAC Secretariat

- Implementation Plan with 5 Strategic Objectives was formulated
- ERDS with its Implementation Plan was approved by the 16th Sectoral Council on Agriculture and Food Security of EAC in May 2023
- Request for funding for implementing ERDS was/will be sent to SC members, such as FAO and JICA



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# ECOWAS

## Harmonization of M&E indicators

### CARD 12 indicators + price

Category	Indicator
Overall	O1: Quantity of paddy produced (ton)
	O2: Total area harvested (ha)
	O3: Yield per unit area (t/ha)
	O4: Self-sufficiency (%)
Resilience	R1: Area under irrigation (ha)
	R2: Quantity of resilient variety seeds (ton)
Industrialization	I1: Level of industrial milling capacity (%)
	I2: Level of mechanization in production (unit)
Competitive-ness	C1: Share of local rice in the market (%)
	C2: Quantity of high-yielding variety seeds (ton)
Empowerment	E1: Smallholder farmers' accessibility to financial services (%)
	E2: Smallholder farmers' accessibility to technical training and services (%)
Price	Retail price of locally produced and imported rice (USD/Kg)

### ERO 16 indicators

Category	Indicator
KPI1 Paddy Volume	Volume of paddy produced (ton)
	Regional rice self-sufficiency (%)
KPI2 Farm Productivity	Ratio volume of paddy produced and area cultivated (t/ha)
	Average yield (t/ha)
	Farm utilizing high-yielding and climate resilient seed varieties (ha)
KPI3 Farm Profitability	Area under irrigation production system (ha)
	Farm Profitability (USD/ha)
KPI4 Climate Smart Practices	Adoption of climate smart practices (%)
KPI5 Market Share	Market share by consumer of ECOWAS milled rice (%)
KPI6 Level of Milling	Level of industrial milling capacity (%)
	Rice mill capacity utilization (%)
KPI7 Import Dependency	Volume of imported rice into ECOWAS (ton)
	Value of imported rice into ECOWAS (USD)
KPI8 Value Distribution	Farmers in contacting agreement with millers (%)
	Rice farmers with access to finance (%)
	Rice millers with access to finance (%)

# POINTS TO BE COVERED IN THE GM9



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# Expected outcomes of GM9

1. Knowledge of stakeholders on the progress of NRDS2-related activities at the country level since the onset of phase 2 improved
2. Stakeholders' understanding on the **regional integration** of rice sector development strengthened
3. Understanding among stakeholders on the **CARD's M&E framework** at continental, regional and country levels enhanced
4. Knowledge of stakeholders on the importance of "**Industrialization pillar**" of the RICE approach in addressing the continent's food security issue improved



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**Day 1**  
**Tuesday**  
**4<sup>th</sup> July 2023**

**Co-chairs**

**Morning:**  
**AfricaRice**

**Afternoon:**  
**Côte d'Ivoire**

Time	Item	Presenter
08:30-08:55	Registration	
08:55-09:00	Announcement about co-chairs	
09:00-09:45	<b>Opening Ceremony</b> - Welcome remarks by co-Chair (5 min.) Minute of silence for Mr. Affo, former FP, Benin - Remarks by Director of CARD Secretariat (7 min.) - Remarks by H.E. Japanese Ambassador (10 min.) - Opening Remarks by Hon. Minister of Agriculture and Rural Development of Côte d'Ivoire (10 min.)	AfricaRice  AGRA Embassy of Japan MEMINADER
09:45-10:15	(Photo session) Coffee break	
10:15-10:20	Approval of agenda	Co-chair
10:20-10:50	<b>Agenda 1:</b> Report of the previous General Meeting Progress of CARD Phase 2	CARD Secretariat
10:50-12:45	<b>Agenda 2:</b> Updates of NRDS formulation/implementation (7 min. each)	Angola, Benin, Burkina Faso, Burundi, Central Africa, Chad, Congo Rep., Côte d'Ivoire, DR Congo, Gabon, The Gambia, Ghana
12:45-13:45	Lunch	
13:45-14:55	<b>Agenda 2:</b> Updates of NRDS formulation/implementation (7 min. each) (continued)	Guinea, Guinea-Bissau, Liberia, Madagascar, Malawi, Mali, Niger
14:55-15:45	<b>Agenda 3:</b> Research on Productivity Improvement	JICA Research Institute
15:45-17:55	<b>Agenda 2:</b> Updates of NRDS formulation/implementation (7 min. each) (continued)	Nigeria, Rwanda, Senegal, Sierra Leone, Sudan, Uganda, Zambia
17:55-18:00	Wrap-up of the day	Country co-chair
18:00-19:00	Welcome cocktail	

**Day 2**  
**Wednesday**  
**5<sup>th</sup> July 2023**

**Co-chairs**

**Morning:**  
**JICA**

**Afternoon:**  
**Burundi**

Time	Item	Presenter
08:30-09:00	Registration	
09:00-10:45	<b>Agenda 4:</b> Coordination through CARD initiative - Updates of assistance by CARD supporting partners (5 min.) - Rice Flagship Program (15 min.) - Policy support for industrialization of rice sector (15 min.) - Extending Seed Without Border to Africa (15 min.) - Opportunities after Dakar2 (Project implementation through NRDS, ECOWAS Rice offensive, EAC Rice Development Strategy etc.) (20 min.)	CARD Secretariat AGRA FAO IRRI AfDB
10:45-11:15	Coffee break	
11:15-12:15	<b>Agenda 5:</b> Good practices for Industrialization of the rice sector through Private sector engagement (10 min. each)	Cameroon, Ethiopia, Kenya, Mozambique
12:15-13:15	<b>Agenda 6:</b> Collaboration with Private sector players - Post-harvest management through industrialization (1) (10 min.) - Post-harvest management through industrialization (2) (10 min.) - Case of Cambodia (20 min.)	AfricaRice PRORIL2 (JICA/ADERIZ) IFC
13:15-14:15	Lunch	
14:15-15:30	<b>Agenda 7:</b> Progress with RRDS through RECs - Progress in CARD support for formulation/implementation of RRDS (5 min.) - EAC Rice Development Strategy Action Plan (15 min.) - Progress of regional Rice Strategy formulation (15 min.) - National Chapter under ECOWAS Rice Observatory (15 min.)	CARD Secretariat EAC SADC ECOWAS
15:30-16:15	<b>Agenda 8:</b> Progress of NRDS M&E - CARD M&E Framework and baseline studies (15 min.) - Progress in NRDS2 M&E (10 min. each)	CARD Secretariat Tanzania, Togo
16:15-16:30	<b>Agenda 9:</b> Way Forward	CARD Secretariat
16:30-16:50	Coffee break	
16:50-17:10	Co-chair's summary	
17:10-17:15	Closing remarks (Co-chair)	JICA

**Day 3**  
**Thursday**  
**6<sup>th</sup> July 2023**

**Site Visits**

**AfricaRice**

Time	Item
09:00-09:30	Travel from hotels to AfricaRice's headquarters s by bus
09:30-11:00	<b>Presentations by AfricaRice scientists</b> AfricaRice's post-harvest and grain quality study achievements and impacts
11:00-11:30	Coffee break
11:30-12:30	<b>Sharing business experiences of woman groups in Bouaké, Côte d'Ivoire</b> who have adopted AfricaRice's parboiling systems 1. Watching videos 2. Communications with the representatives of the woman groups
12:30-14:00	Lunch at AfricaRice (catering by restaurant)
14:00-17:00	Visit to large-scale millers in Yopougon, Abidjan
17:00-17:30	Travel from Yopougon back to hotels

**PRORIL2 (JICA/ADERIZ)**

Time	Item
07:00-10:30	Travel from hotels to Yamoussoukro by bus
10:30-11:00	Presentation on the project activities at the PRORIL2 office
11:30-12:30	Demonstrations (20 min. each): 1. LABORIZ 2. Color sorter demonstration by Satake 3. Dryer & Machines
12:30-13:30	Lunch (at the project office)
13:30-15:00	Site visit: Rice field (paddy production, seeds, mechanization, milling)
15:00-18:30	Travel from Yamoussoukro back to hotels in Abidjan

# Key Point #1

Our shared goal seems ambitious, but essential.

- The CARD Phase 2 target 56 million ton has to be maintained.



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# Big Picture

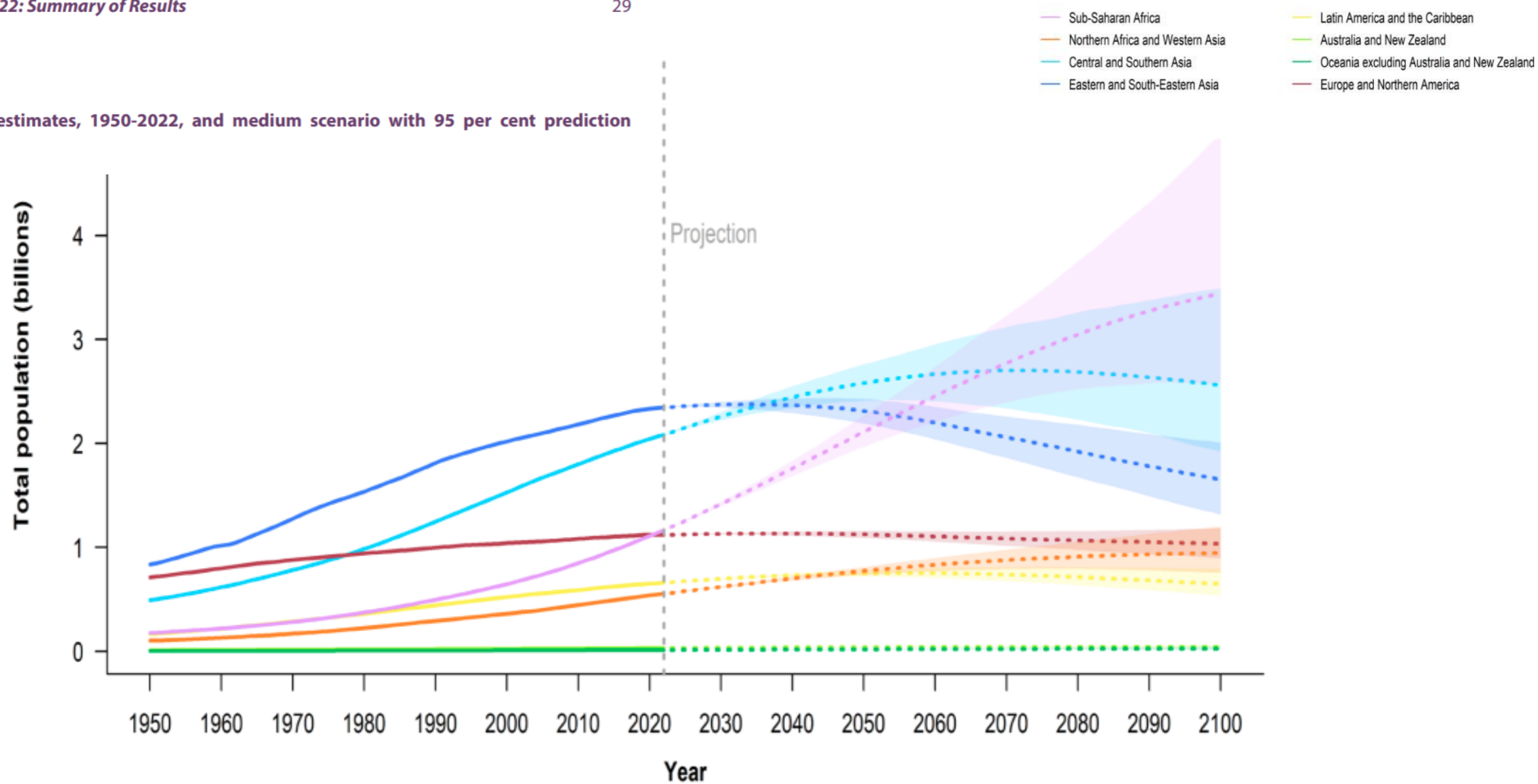
## - Population Growth in SSA -

World Population Prospects 2022: Summary of Results

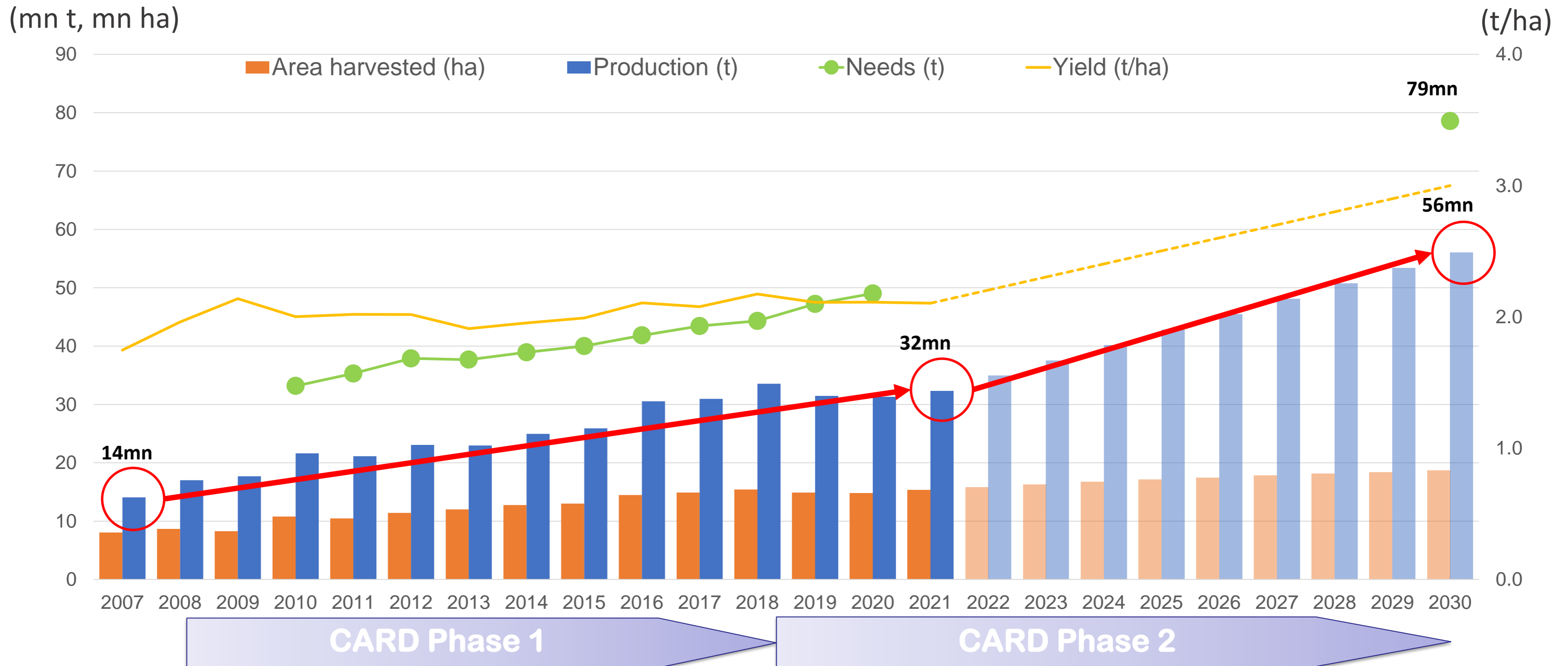
29

Figure III.2

Population by SDG region: estimates, 1950-2022, and medium scenario with 95 per cent prediction intervals, 2022-2100



# Expected growth in paddy production / area harvested / yield / needs during Phase 2 (from 2022 to 2030)



Source: 2007-2021: FAOSTAT

Notes: (1) Figures from 2007 to 2021 are for Sub-Saharan Africa, including non-CARD member countries; (2) Figures from 2022 to 2030 are projections, calculated in a way to reach the target production of 56 million metric tons, yield of 3.0 ha/t, and area harvested of 18.7 million ha in 2030, assuming a linear increasing trend during the period 2022-2030; (3) Needs from 2010 to 2020 are the figures of “Domestic supply quantity” in Food Balance Sheet of FAOSTAT; and (4) Needs in 2030 are the sum of demand projection in 32 CARD member countries (thus not for the whole Sub-Saharan Africa), derived either from their NRDS2 or calculation using the estimated population and per capita rice consumption in 2030. The result is temporary and subject to change.

# Key Point #2

We are working under complicated circumstances.

- The comprehensive “RICE approach” to ensure a stable rice supply in the face of climate change and other global headwinds, is needed.



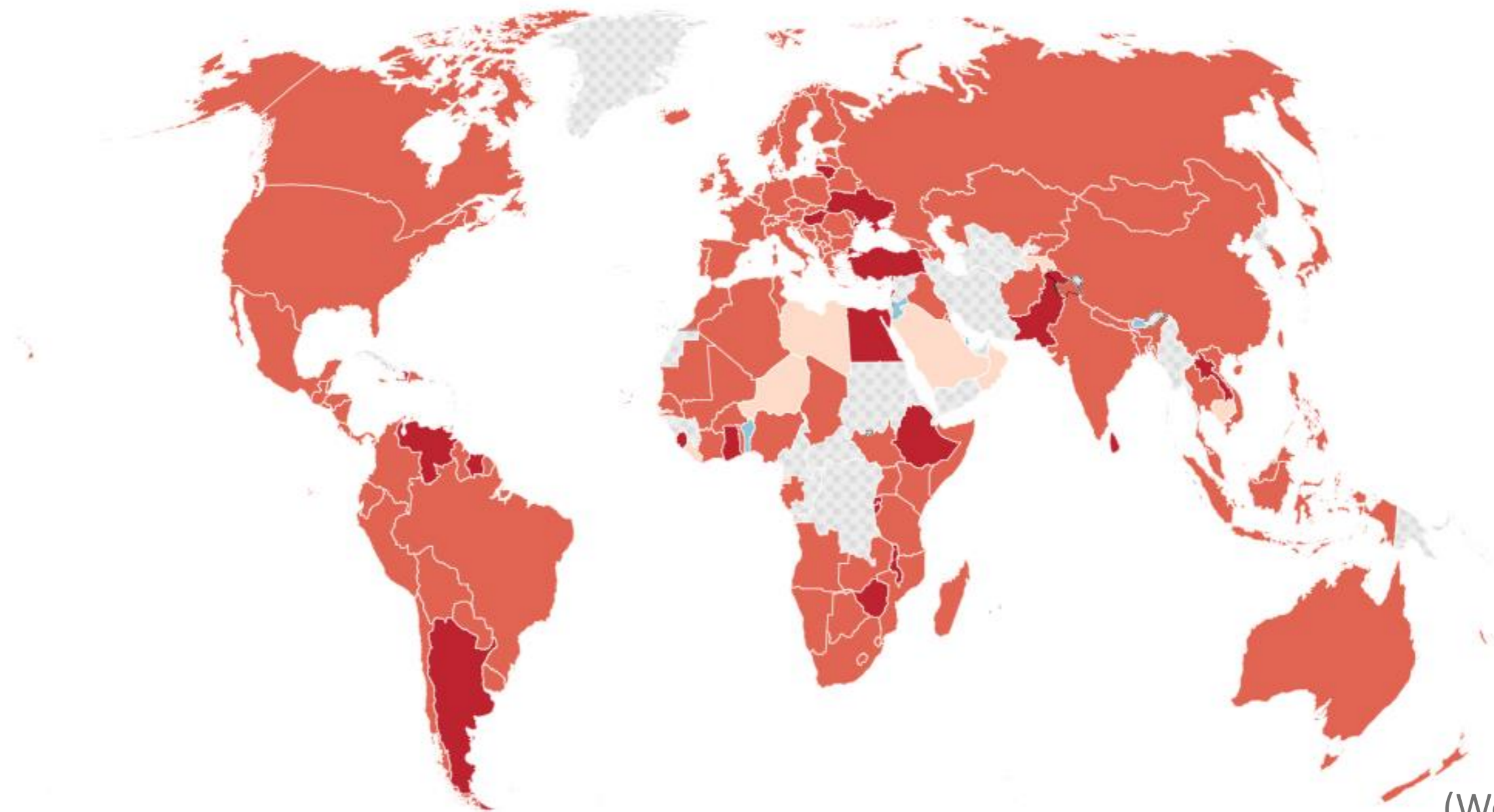
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# Big Picture - Food Price -

## Food Inflation Heat Map

 <2 2-5 5-30 >30



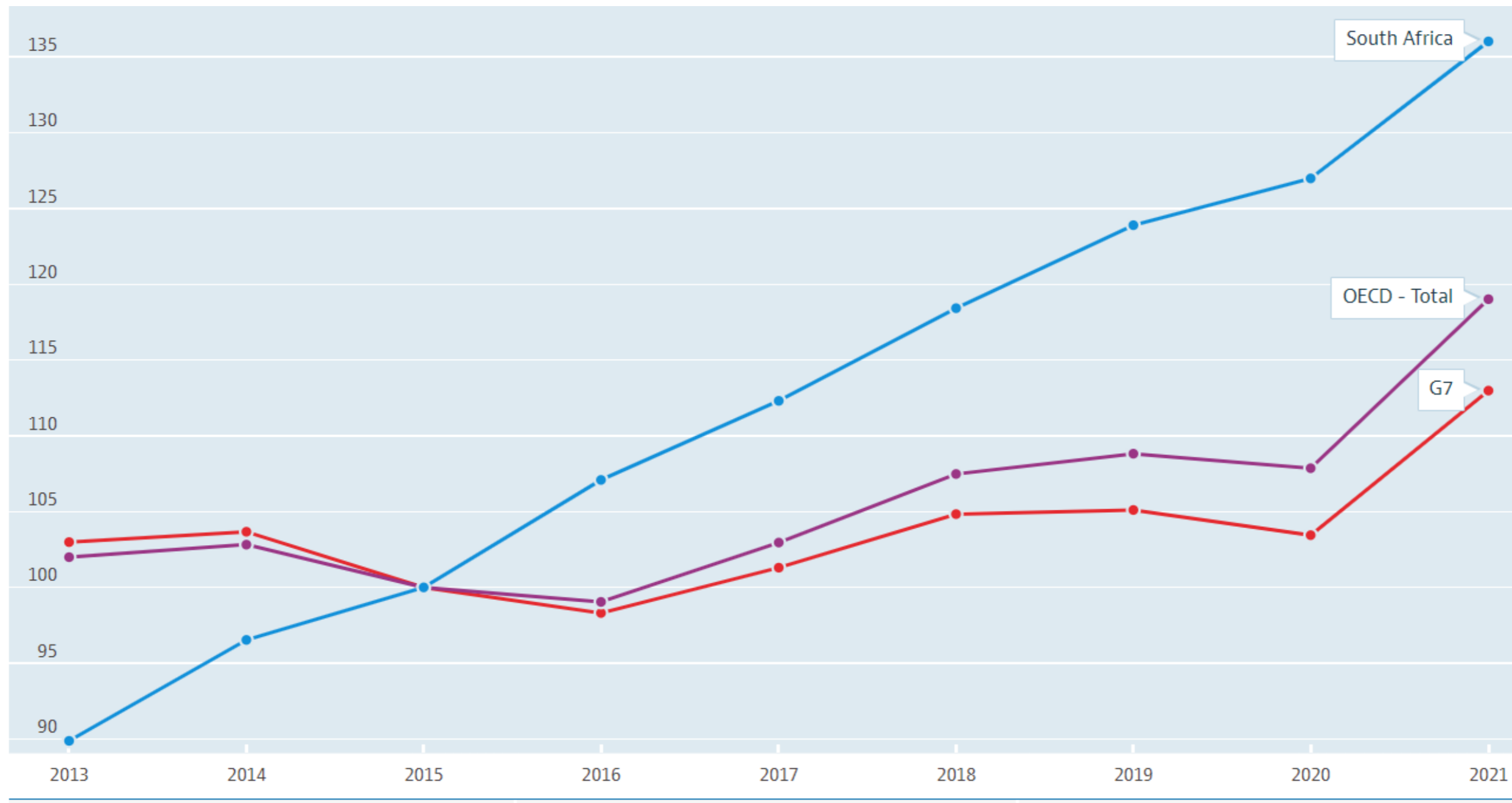
(World Bank /May 2023)



# Big Picture

## - Cost factors -

Producer price indices (PPI) Manufacturing, domestic market, 2015=100, 2013 - 2021

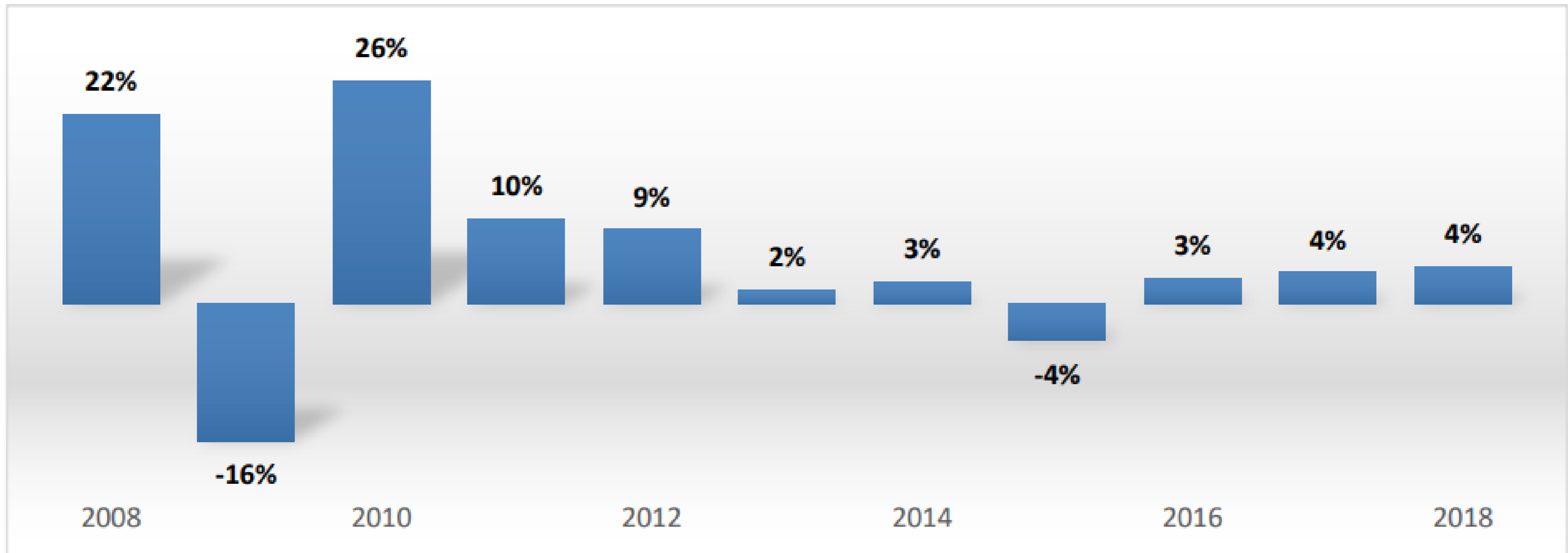


(Source: OECD)

# Big Picture

## - Cost factors -

Figure 6. Annual growth rate of the PPI for agricultural products in Africa



# Big Picture

## - Global Climate Change -

NY Times says:  
(20 May 2023)

Climate change brings other risks. You can no longer count on the monsoon season to start in May, as before. And so in dry years, farmers now rush to sow rice 10 to 30 days earlier than usual, [researchers have found](#). In coastal areas, many rotate between rice and shrimp, which like a bit of saltwater.

But this requires reining in greed, said Dang Thanh Sang, 60, a lifelong rice farmer in Soc Trang. Shrimp bring in high profits, but also high risks. Disease sets in easily. The land becomes barren. He has seen it happen to other farmers.

So, on his seven acres, Mr. Dang plants rice when there's freshwater in the canals, and shrimp when seawater seeps in. Rice cleans the water. Shrimp nourishes the soil. "It's not a lot of money like growing only shrimp," he said. "But it's safer."

Elsewhere, farmers will have to shift their calendars for rice and other staple grains, researchers [concluded in a recent paper](#). Scientists are already trying to help them.

# Big Picture

## - Global Climate Change -

NY Times says:  
(20 May 2023)

Today, that very system of intensive production has created new problems worldwide. It has depleted aquifers, driven up fertilizer use, reduced the diversity of rice breeds that are planted, and polluted the air with the smoke of burning rice stubble. On top of that, there's climate change: It has upended the rhythm of sunshine and rain that rice depends on.

Perhaps most worrying, because rice is eaten every day by some of the world's poorest, elevated carbon dioxide concentrations in the atmosphere deplete nutrients from each grain.

Rice faces another climate problem. It accounts for an estimated 8 percent of all global methane emissions from human activity.

That's a fraction of the emissions from coal, oil and gas, which together account for 35 percent of methane emissions. But fossil fuels can be replaced by other energy sources. Rice, not so much. Rice is the staple grain for an estimated three billion people. It is biryani and pho, jollof and jambalaya — a source of tradition, and sustenance.

# Key Point #3

## Implementation!

- Each actor needs to play their respective roles and yet work together with a sense of urgency to achieve our shared goal.

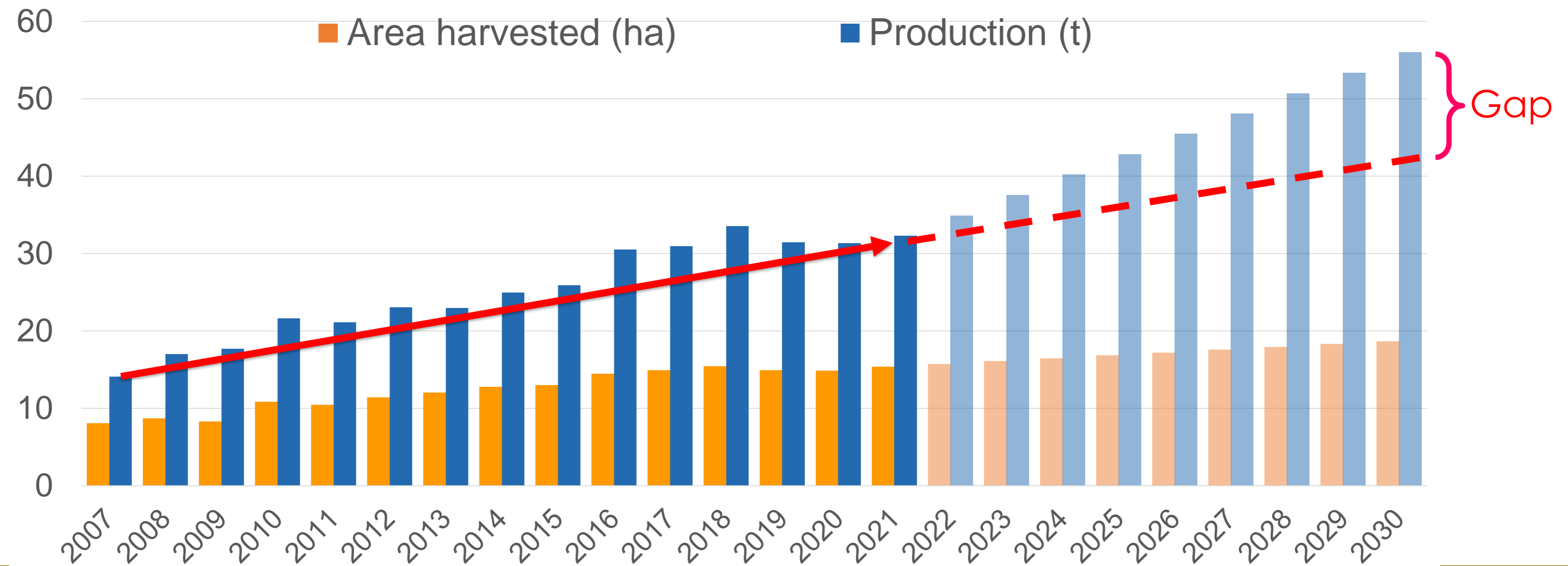


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# Big Pictures

## - Big Gap -



# Key Point #4

## Industrialization is about Value Chain

- “Industrialization” is one of pillars in the RICE Approach.
- Rice Value Chain has to be consistent from seed to bowl. Private sector involvement is critical.



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# Secretariat's actions to be taken -1

- Continue to provide technical and financial assistance to M&E,
- Facilitate timely mobilization of funds and investments by sharing M&E activities, especially the Annual Rice Sector Review Meeting of CARD member countries, with development partners and the private sector,



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# Secretariat's actions to be taken -2

- Disseminate information on issues and measures raised at the meeting to encourage private sector investment and participation in the rice value chain and promote industrialization,
- Strengthen partnerships with research institutions, private sector, RECs, development partners, and South-South cooperation countries,



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# Secretariat's actions to be taken -3

- Facilitate information-sharing on research, technology, and good practices related to rice sector development,
- Provide training on ongoing GeoPortal updates for M&E and rice-related projects,



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# Secretariat's actions to be taken -4

- Share good practices of the TA component of the rice-related projects and facilitate selection of appropriate personnel for CARD-related trainings,
- Undertake preparatory consideration of rice cultivation as a climate change factor, and other social aspects such as health and gender, and



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# Secretariat's actions to be taken -5

- Follow up the Letter of Intent to join the CARD by Hon. Minister Josephine L. Yanga of South Sudan



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# Appeal to Development Partners

- Invest more in the rice sector, especially in value chain, and involve the private sector more.



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# COFFEE BREAK



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