

**PRE SESSION:
IMPORTANCE OF RICE DEVELOPMENT IN AFRICA
THROUGH CARD PHASE 2**

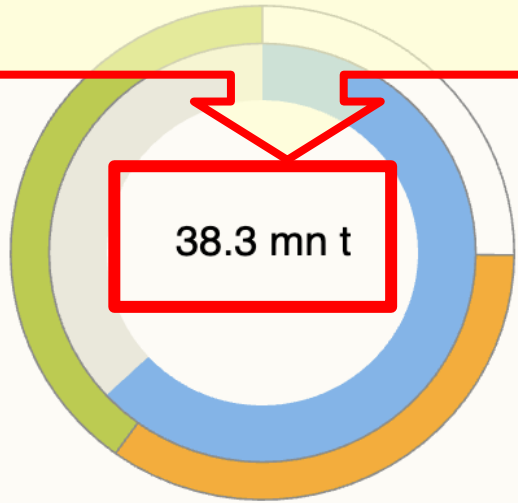


CARD

COALITION for AFRICAN
RICE DEVELOPMENT

Overview of Overall Indicators in Sub-Saharan Africa(SSA)

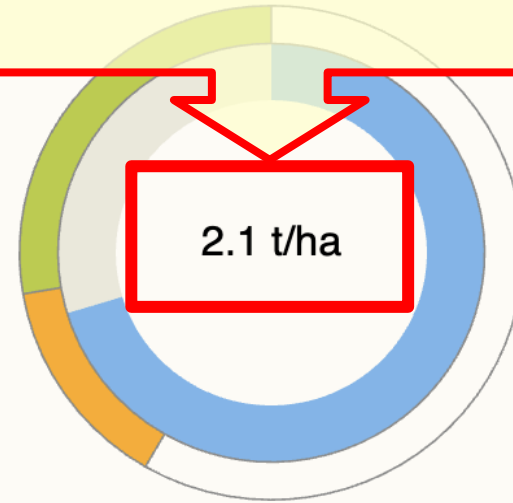
Target(2030): 56m t
2024: 38.3m t



Paddy Production

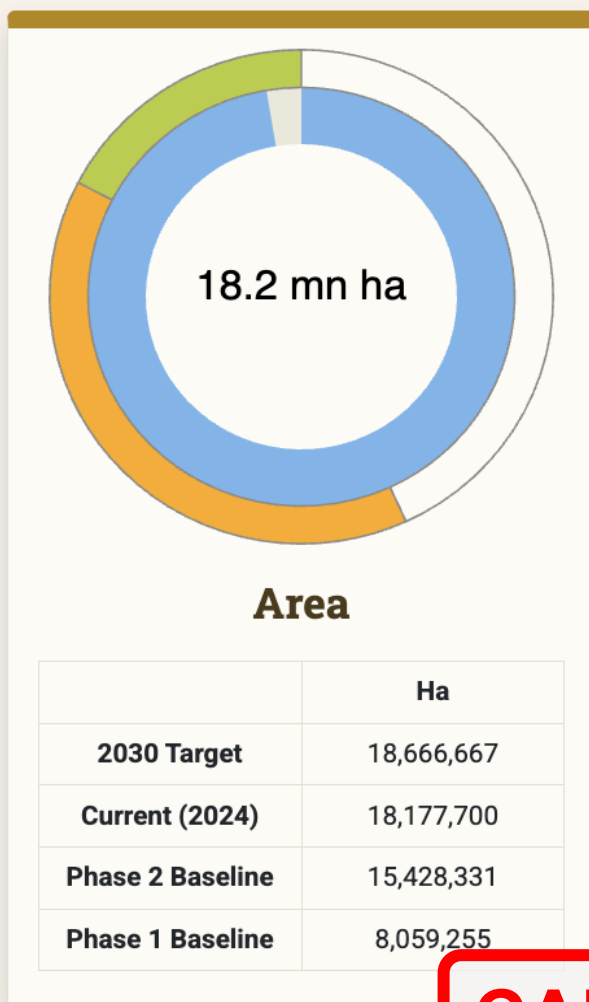
	Metric ton
2030 Target	56,000,000
Current (2024)	38,343,859
Phase 2 Baseline	33,552,534
Phase 1 Baseline	14,083,383

Target(2030): 3.00t/ha
2024: 2.11t/ha



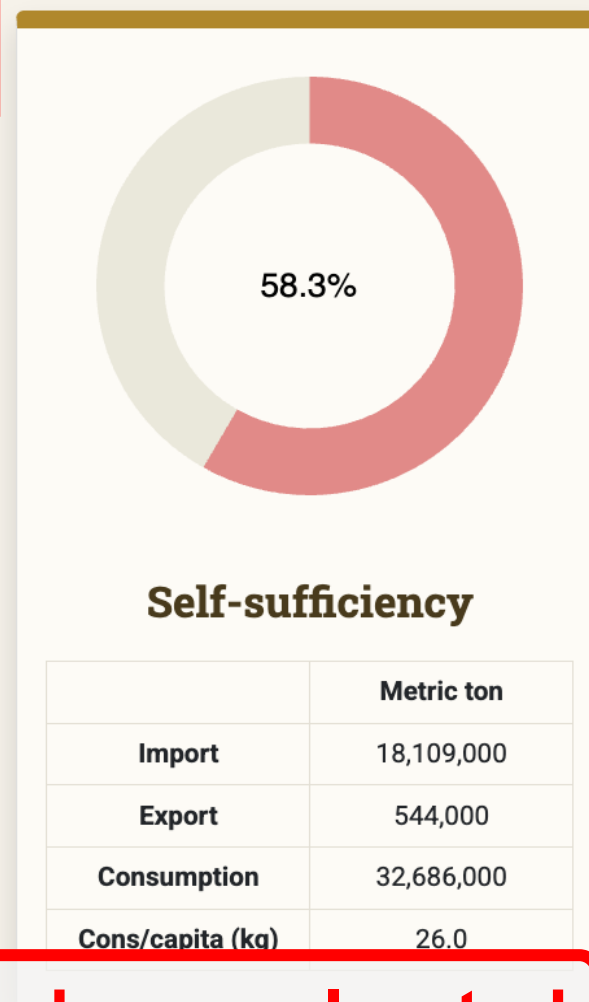
Yield

	Metric ton/ha
2030 Target	3.00
Current (2024)	2.11
Phase 2 Baseline	2.17
Phase 1 Baseline	1.75



Area

	Ha
2030 Target	18,666,667
Current (2024)	18,177,700
Phase 2 Baseline	15,428,331
Phase 1 Baseline	8,059,255



Self-sufficiency



	Metric ton
Import	18,109,000
Export	544,000
Consumption	32,686,000
Cons/capita (kg)	26.0

CARD Phase 2 needs to be accelerated

Baseline 2008
 Current situation
 Increase during Phase 1
 Target increase during Phase 2

Share of supply and import among four major food crops in Africa

(%)

	Share of Supply (Production & Import)		Share of Import	
	2000	2023	2000	2023
Cassava	45.81	47.70	0.00	0.00
Maize	25.29	24.03	25.10	22.61
Rice	10.58	 13.14	12.85	 22.49
Wheat	18.32	15.13	62.05	54.89

Source: AGRA HP: Policy Note “Food Security in Africa and Importance of Rice Production: Promotion of CARD and Future Rice Development in Sub-Saharan Africa”

Rice Self-sufficiency in Sub-Saharan Africa

The increasing dependence on rice imports is becoming a growing concern

	2010	2016	2023
Sub-Saharan Africa	66.3%	63.6%	58.3%

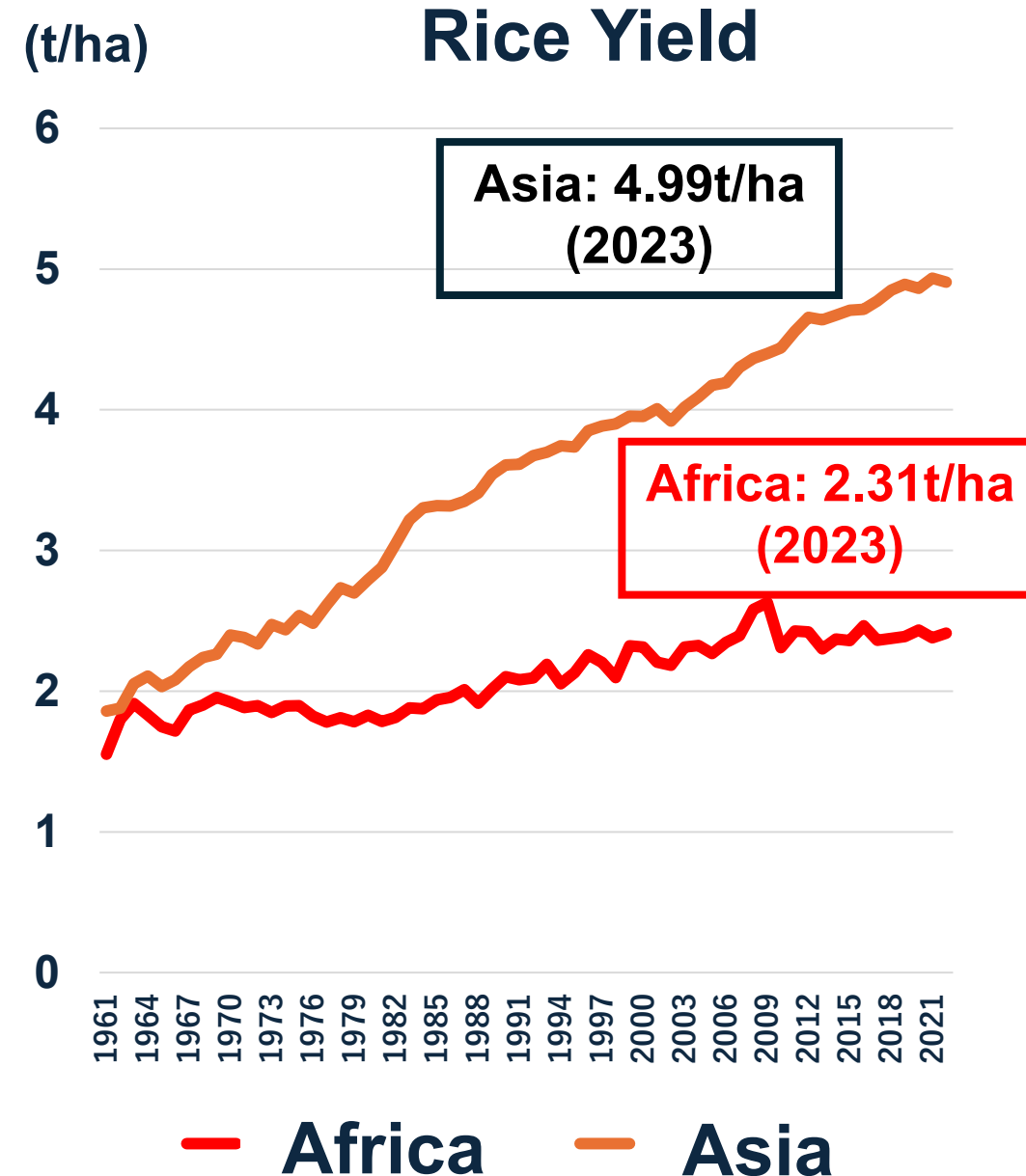
Source: Prepared by Dr. Lilian Muasa, M&E Specialist, CARD Secretariat from FAOSTAT

Rice Production in Africa

- Rice production increased through area expansion
- Rice yield is stagnant

	Production Area
2000	754Mha
2023	1,845Mha
Increased Area	1,091Mha
Increased Rate	2.44 times

Source: by the presenter from FAOSTAT



Rice Production in Africa

If the current pace of rice production growth continues

→ Less than 45mt in SSA in 2030 → **Not achieved**

Yuan et al (2024)* propose

- Yield improvement: at comparable rate to Asia's green revolution (52kg/ha/year)
- Continuous expansion of rice production area: at the present rate (400,000ha/year)

Achieve CARD Phase 2 Target

→ Rice Production in SSA in 2030: 55-56mt

*Yuan et al (2024) "Intensifying rice production to reduce imports and land conversion in Africa" *Nature Communications* 15. 835

*Amameishi (2026) "Food security and rice production potential in Africa: the future of the Coalition for African Rice Development (CARD)" *JICA Research Institute*

**Acceleration of CARD
Phase 2 is needed!**

Share of National Budgets to the Agriculture Sector by Asian Countries during the Green Revolution and Africa

	(%)		
	1972	1980	1990
Bangladesh	23.2%	12.3%	5.4%
India	22.1%	14.6%	11.5%
Indonesia	7.6%	9.6%	7.6%
Philippines	4.5%	5.3%	6.0%
Thailand	7.8%	8.1%	10.4%
Average among 12 Asian Countries	15.4%	12.4%	9.6%

* 12 Asian countries; Bangladesh, China, India, Indonesia, Malaysia, Myanmar, Nepal, Pakistan, Philippines, Korea, Sri Lanka and Thailand
 Source: Rosegrant and Hazell (2000) processed by the presenter

	(%)
	2020
Africa	2.55%

Source: FAOSTAT

Budget to the agriculture is too small!

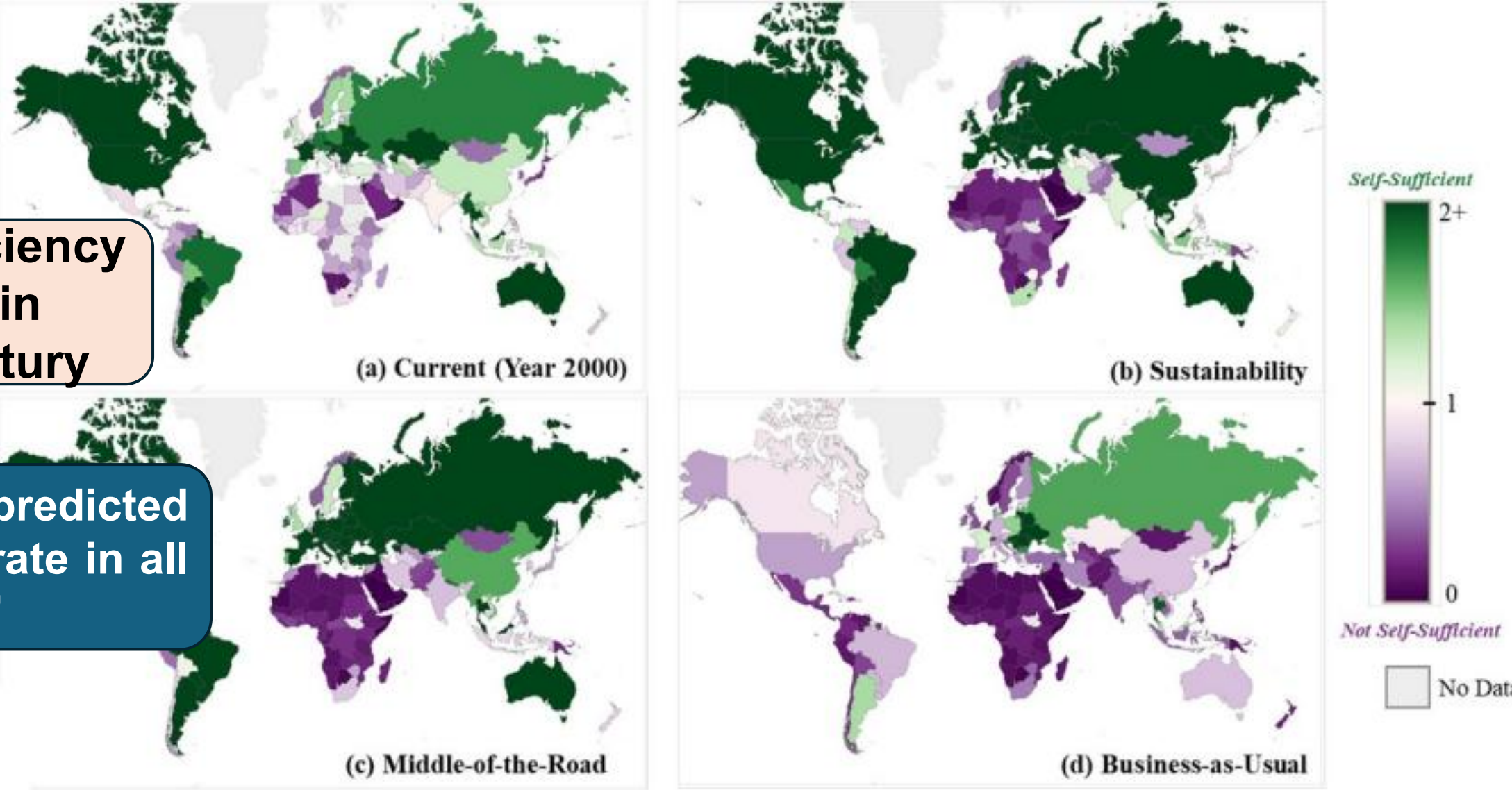


CARD

COALITION
RICE DEVELOPMENT

Self-sufficiency ratios in 21st century

Africa is predicted to deteriorate in all scenarios!



Source: Areidy et al (2020) Global food self-sufficiency in the 21st century under sustainable intensification of agriculture, Environmental Research Letters 15 (2020) 095004

Figure 3. Global self-sufficiency ratios in the 21st century. This figure displays current country-specific self-sufficiency ratios in year 2000 (a) and projected country-specific self-sufficiency ratios in year 2100 under the three scenarios considered in this study—sustainability (b), middle-of-the-road (c), and business-as-usual (d). A country is considered self-sufficient if it has a SSR of 1 or greater (>1 indicates a surplus) shown in green, while a country with an SSR of less than 1 will not be self-sufficient (purple).

Rice Production in Africa

- ❑ Further efforts are required to accelerate rice production in SSA through CARD Phase2**
- ❑ From mid- and long-term perspective, sustainable and resilient rice development must be promoted**
- ❑ Under strong leadership and commitment by African leaders and govts, actions are needed by all stakeholders (CARD Secretariat, AUC/AUDA-NEPAD, RECs, Govts, DPs, CSO/CBO, Private Sector, etc)**

LET'S HAVE ACTIVE DISCUSSIONS TO MOVE FORWARD WITH CARD PHASE 2

Details: AGRA Website:

SÉCURITÉ ALIMENTAIRE EN AFRIQUE ET IMPORTANCE DE LA PRODUCTION RIZICOLE (French)

FOOD SECURITY IN AFRICA AND IMPORTANCE OF RICE PRODUCTION (English)