

Rice Value Chain Development Through Engagement Of Private Sector

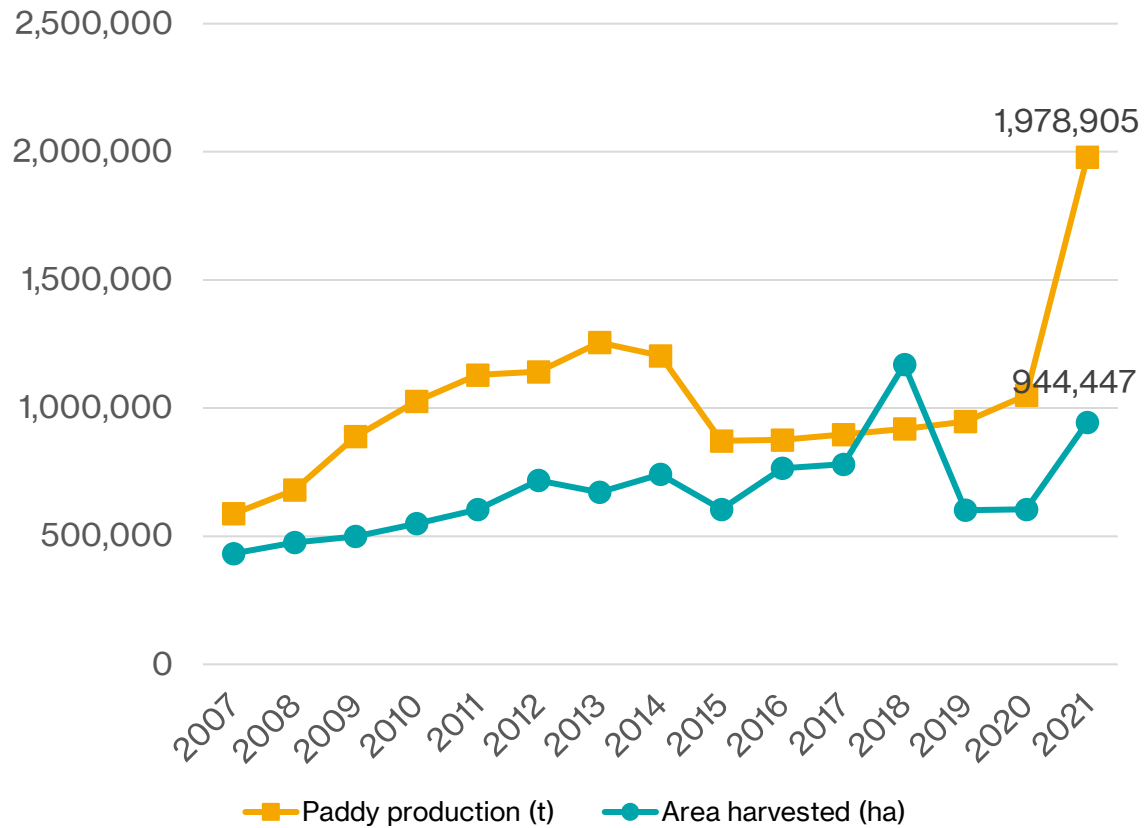
Sierra Leone

Dennis Philip Yaw Yankson
NRDS Focal Point



Overall indicators

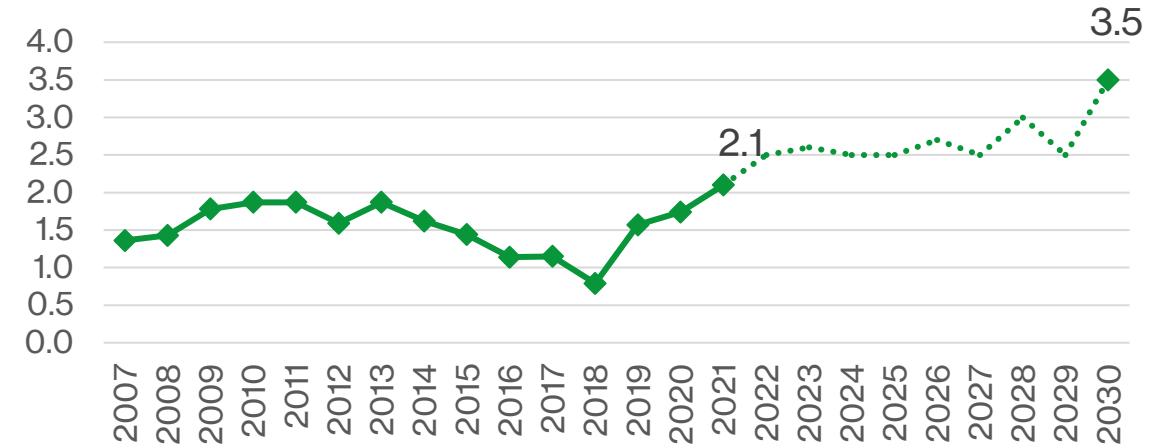
Paddy production and Area harvested



	2007	2018	2030 target
Production (t)	588,004	918,713	2,769,754
Area (ha)	432,356	1,169,418	791,358.15

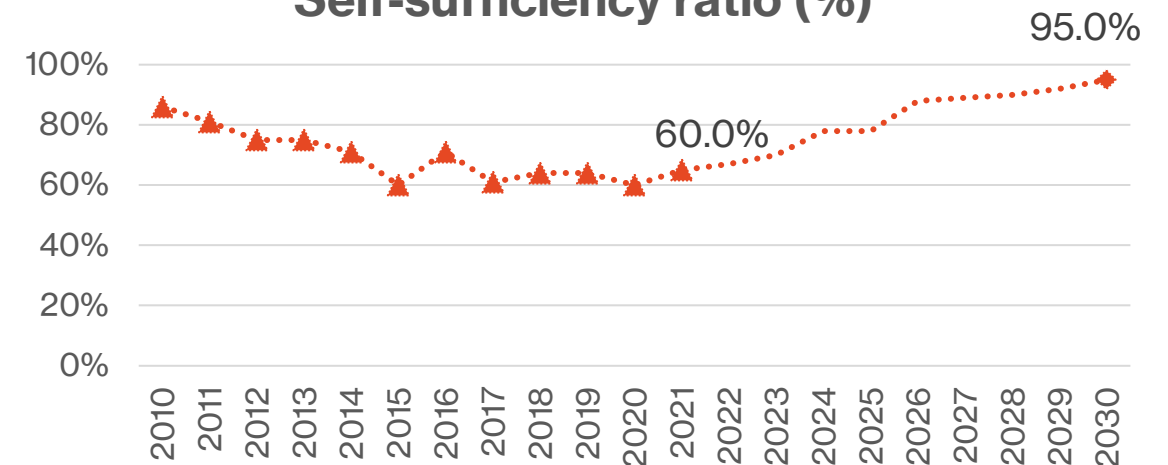
Source: 2030 target calculated based on projected population increase and per capita consumption

Yield (t/ha)



Source: Calculated using paddy production quantity and area harvested

Self-sufficiency ratio (%)



Source: Calculated using domestically produced milled rice quantity and quantity of imported and exported rice. Milled rice quantity was obtained by multiplying paddy production quantity by 0.65. Rice trade data were obtained from FAOSTAT and then calculated by ME consultant

Identified priority areas and Concept Notes

Sierra Leone is yet to develop concept notes to operationalize the NRDS 2. However, there are proposed concept notes for action

Identified Priority Areas	Proposed Concept notes
Increase in paddy production	CN 1. Increase access to improved seeds of reliable quality CN 2. Development of high yielding lowland varieties tolerant to pest and diseases CN 3. Promotion of seed multiplication and maintenance technologies CN 4. Promotion of mechanization in production and processing to reduce drudgery
Improvement in the quality of locally processed rice	CN 5. Capacity building of private mills to enhance quality of local rice CN 6. Establishment of mini rice mills and training of technicians for quality enhancement through PPP model
Enhance agricultural extension delivery services	CN 7. Strengthening agricultural extension and advisory services for improved service delivery
Improve market access and linkages	CN 8. Strengthening market access and linkages through market information system. CN 9. Improving market access and linkages for rice through feeder road improvement.

New projects after Phase 2 started

Corresponding Concept notes	C1, C4	C1,C4 & C6
Title	Sierra Leone Agribusiness and Rice value chain Support (SLARiS) Project	Sierra Leone Rice Agro Industrial Cluster (SL RAIC) Project
Period	July 2019– December 2024	Nov 2021 – March 2027
Target area	Kambia, Kenema and Moyamba Districts	Pujehun and Bonthe Districts
Scheme	Grant	Loan,
Partners	AfDB,	AfDB,
Budget	USD 11.98M	USD 36.75M
Objectives	<ol style="list-style-type: none"> 1. Support and promotion of reliable access to quality input markets (seeds, fertilizers and pesticides) 2. Creation of an enabling environment for private sector led agribusiness growth 3. Supporting growth in farmer efficiency, productivity and income. Increasing reliable output market through strengthening out-grower farming models 	<ol style="list-style-type: none"> 1. Increase the productivity and production of rice by providing farmers access to quality inputs, land and water management, mechanization and extension services. 2. Improve the value chain through the processing of high-quality rice. 3. Promoting the consumption and marketing of locally processed rice
Focus/ Specificities	<ol style="list-style-type: none"> 1. The project aims to transform the agricultural input supply sub-sector as a viable and inclusive business opportunity, in order to promote enhanced production and productivity required to improve the livelihoods of beneficiaries along priority value chains (rice and maize). 	<ol style="list-style-type: none"> 1. The project aims to establish a rice value chain where quality-improved local rice is stably supplied and competes with imported rice in Sierra Leone. 2. The project targets to increase rice production by 300% by end of the project . 3. Establish a rice processing zones where rice producers within and without the operational chiefdoms could access to process their rice

VC development through private sector involvement

Mountain Lion Agriculture SL Ltd.

1. Who they are

- 1) Company specialized in adding value to paddy rice. Experts in milling parboiled rice.
- 2) Established in November 2010 in Bombali District, Northern Province of Sierra Leone.

2. What they are doing

- 1) Supporting over 4,000 smallholder farmers, providing tractors for land preparation, interest free high quality rice seed loans and high quality fertilizers.
- 2) Training farmers on Good Agricultural Practices (GAP) and agribusiness management
- 3) Provide ready market for farmers by purchasing all their disposable paddy rice at farmsteads.
- 4) Selling milled rice in packages of 1.5g, 25Kg and 50Kg bags in local shops, supermarkets and to institutions

3. Impacts

- 1) In 10 years, SHFs have increased yields from 1.5t/ha to 3t/ha
- 2) Average income from rice of farmers increased by at least 30%.

4. Support from public sector

- 1) Matching grant from Smallholder Commercialization and Agribusiness Development Project (SCADeP)

Photos showing Mountain Lion Rice Processing facilities

