

Selected IFAD investments in rice

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IFAD

IFAD key Instruments

- Sovereign investment projects (loans and/or grant)
- **Grant-financed activities,**
- Engagement in national policy processes, and policy engagement at regional and global levels
- Knowledge-sharing and knowledge management
- Partnerships including South – South triangular cooperation
- **New Grant policy**
- Grants instrument has been at IFAD's disposal since its establishment in 1976
- Allocation to regular grants is commensurate with the level of resources available on grant terms
- 2021 Grant Policy :
 - SO1: Leverage better impact on the ground for IFAD's programme of work, including through improvement of in-country capacity for greater sustainability of benefits;
 - (ii) SO2: Foster a more conducive policy and investment environment for smallholder agriculture and rural development,
- Key principle Competitive selection will be the norm in selecting grantees

AfricaRice Grants funded by IFAD

IFAD records show 27 projects led by AfricaRice financed by IFAD

- Research on Accelerated Diffusion of Rice Technology Programme in West Africa (RADORT): 1996-1999: USD 750 000 (in partnership with WINROCK)
 - Côte d'Ivoire, The Gambia, Senegal and Nigeria. Identification of major constraints blocking technology diffusion, inventory of rice development stakeholders, evaluation and diffusion of promising technologies
- Participatory Adaptive Research and Dissemination of Rice Technologies in West Africa (PADS): Mali, Guinea, Gambia, and Ghana (phase I USD1 M)
- Enhancing Smallholder Access to NERICA for Alleviating Rural Poverty in West and Central Africa in DRC, Guinea and Sierra Leone: 2007-2012, USD 1.5 M
 - Participatory varietal selection, seed production, knowledge dissemination, capacity building of seed producers and NARS etc.
- Sustainable and Diversified Rice Based Farming System : USD 3.6 million EU/IFAD Senegal , Nigeria Rwanda
- Strengthening Rice Value Chains In West And Central Africa
- Strengthening the Rice Sector for Poverty Reduction in East Africa through Improved Productivity and Competitiveness of Domestic Rice (EARiSS) 2019-2022 (Kenya, Uganda and Madagascar), USD 1.5 million IFAD

IFAD Grant Policy

- Grants instrument has been at IFAD's disposal since its establishment in 1976
 - Historically grants funding objectives have been : Innovation and technical approaches
 - targeted to the rural poor, along with initiatives to strengthen institutions and
 - smallholder farmers' organizations (Fos)
 - 2015 : Enhance policy engagement and to generation and disseminate knowledge for development impact
- Allocation to regular grants is commensurate with the level of resources available on grant terms
- 2021 Grant Policy :
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International Fund for Agricultural Development (IFAD)

West and Central Africa: Regional Portfolio

50 ongoing projects in 23 countries

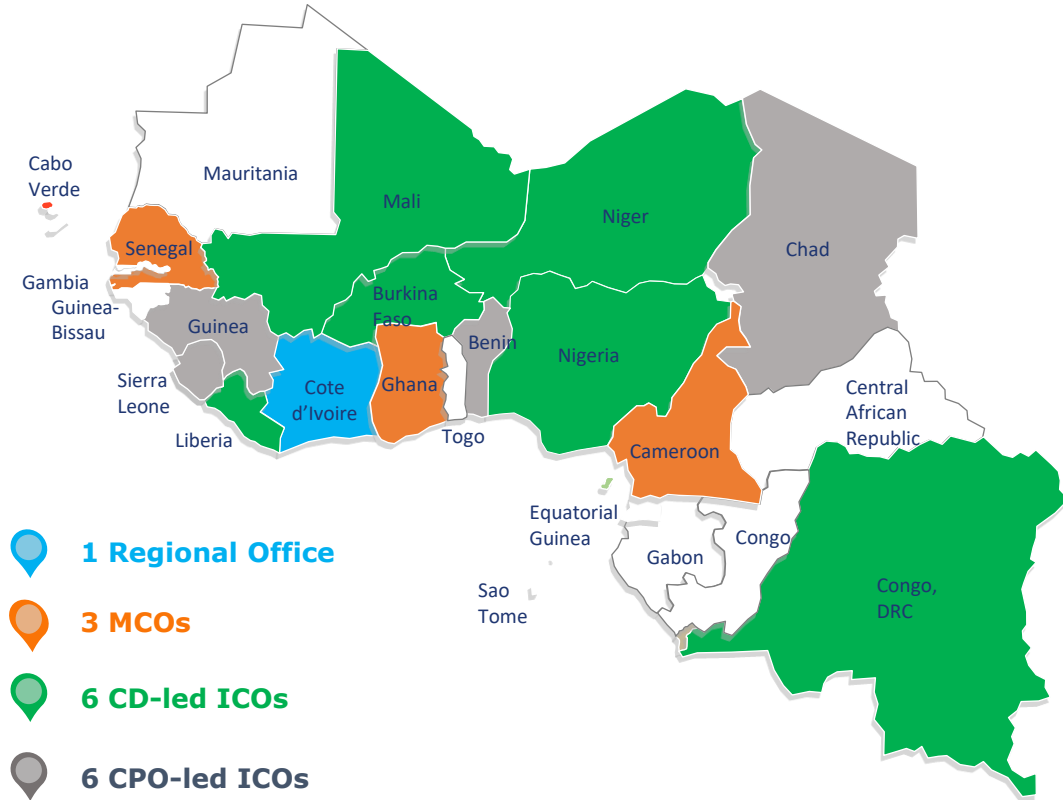
3 SIDS Countries

10 Countries in fragile state (FCVs)

47% Projects in Fragile Countries

Over **11 million** total beneficiaries

47% projects in LICs

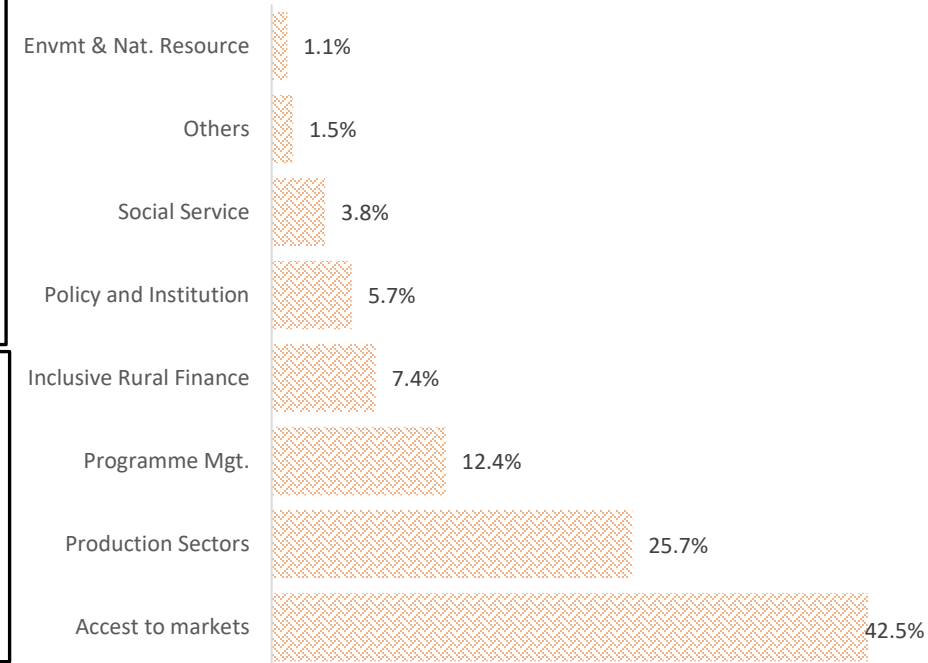


US\$ 4.3 billion
effective portfolio size

US\$ 2.3 billion
Int'l and Dom cofinancing

US\$ 500 million
Climate finance for the Great Green Wall (GGW) Initiative (GCF)

(%) Marco Area financing



- ✓ **SD3C-Regional Operation** (Effective in all participation countries except Mauritania for which the approval process is ongoing)
- ✓ **PRIMA- Regional Operation** (Togo and Benin) in progress
- ✓ Key cofinanciers include WB, AfDB, IsDB, OFID, AFD, etc.

- ✓ **Result-Based Lending (RBL)**- Effective and ongoing in **Senegal**)
- ✓ **Non Sovereign operations** with Babban Gona in a Nigeria and ABC fund financing investments in Cote d'Ivoire, Burkina Faso, Ghana
- ✓ **SAPZ** (Effective in Nigeria, and planned new designs in Senegal and Cote d'Ivoire)

Sample case 1: Rice Value Chain

Value Chain Development Programme (VCDP)- Nigeria



Project areas

Country Context & Rational:

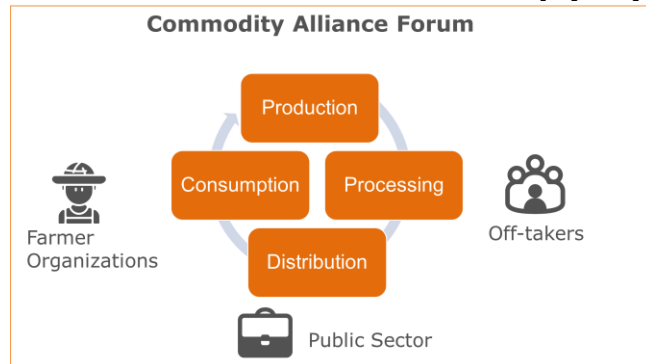
- ✓ Nearly 6.3 million MT rice demand per year with 40% of rice consumption imported from external markets
- ✓ Extensive focus on agricultural production without much consideration on downstream activities (handling, processing, storage, transport) of rice value chain
- ✓ Improved food supply through increased productivity and post-harvest activities constitute a high priority under the **National Agricultural Investment Plan (NAIP)** linked to the **Comprehensive Africa Agricultural Development Programme (CAADP)**
- ✓ Enormous potential due to existing synergies in the rice value chain, natural resources, and local technologies

Project Development Project:

Enhance the incomes and food security of poor rural households engaged in the production, processing and marketing of rice and cassava in targeted states on a sustainable basis.

Interventions:

Producer-Public-Private Partnership (4Ps)



- ✓ Creation of Commodity Alliance Forum (CAF)
- ✓ Over 50,000 smallholder farmers directly participate in the CAF
- ✓ More than 20 private companies take part in CAF as off-takers

Project Details:



- Rice VC development financed by **IFAD** and **FGN** (Programmatic approach)
- Enter-into-Force: **Oct. 2013**
- Expected completion: **Dec. 2024**



- IFAD: **US\$ 213.5 million**
- Private sector: **US\$ 37.8 million**
- Beneficiaries: **US\$ 23.5 million**
- Govt: **US\$ 54.2 million**
- Total Value: **\$US 329 million**



- **315 000** direct beneficiaries
- **66 000** women
- **61 000** youth

Project Results/Impact:



16% increase in rice yield compared to control group
2 to 4.5 MT/h in wet season
2 to 6 MT/h in dry season



21% increase in value of rice price through market sales



6 percentage point decrease in incidence of food insecurity



80 178 MT/h rice supply to local food market value (N 9.926 billion) (Sept 2021- Aug 2022)



Sample case 2: Rice Value Chain

Agriculture Value Chain Development Project (AVDP)- Sierra Leone



Project areas

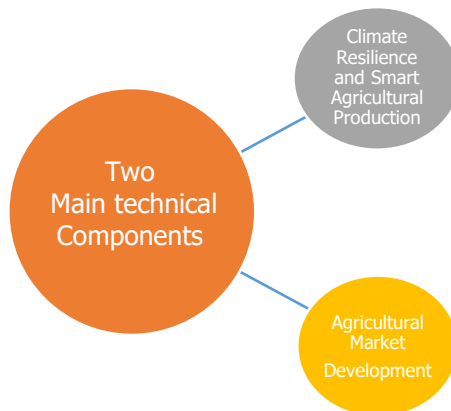
Country Context & Rational:

- ✓ Yields of major agricultural and food commodities lower than regional average due to variety of factors such as limited availability of improved seeds and fertiliser, weak extension service, absence of irrigation and water control mechanism, etc.
- ✓ Growing food insecurity as low productivity (0.97 t/ha for rice) acutely affects calories intake in a context marked by high dependence on rice import (over US\$ 200 million) as SL is among the top 10 countries in the region with high rice consumption per capita (148.5kg)
- ✓ Linked to the government's National Agricultural Transformation 2023 Programme with a priority to achieve rice self- sufficiency and crop diversification
- ✓ To scale-up the impact of SCP-GAFSP in IVS development which completed in 2018

Project Development Project:

Increase incomes for smallholder farmers through the promotion of agriculture as a business

Interventions:



- ✓ Improve climate resilience of Inland Valley Swaps (IVS) through the construction of earth dams
- ✓ Leverage on FFS to advance access and adaptation of new inputs, technologies and knowledge (including innovations)
- ✓ Development of AMIS anticipating the strong participation of all actors in the rice value chain

Project Details:



- Rice VC development financed by **IFAD** and **GSL**
- Enter-into-Force: **July 2019**
- Expected completion: **Sept. 2025**



- IFAD: **US\$ 61.8 million**
- Private sector: **US\$ 2.1 million**
- Beneficiaries: **US\$ 2.7 million**
- OFID & others: **US\$ 20.1 million**
- Govt: **US\$ 14.5 million**
- Total Value: **US\$ 101.2 million**



- **43 000** direct beneficiaries
- **25 800** women
- **10 750** youth
- **17 200** PwD

Project Expected Results:



Smallholders Productivity

90% of beneficiaries household expected to report in **increase in production**



Over **3 000 ha** of land to be brought under climate-resilient management



Households food security

20 700 households expected to improved their dietary diversity and sales of rice



2 000 jobs to be created
20 700 households expected to adopt the use of improved seeds and new climate-resilience technologies

Sample case 3: Rice Value Chain

Smallholder Agriculture Transformation and Agribusiness Transformation Project (STAR-P)- Liberia



Project areas

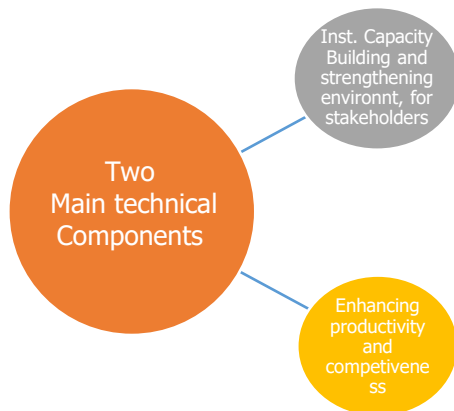
Country Context & Rational:

- ✓ Chronic food insecurity and poor nutrition (limited calories intake) due to low levels of agricultural and food production/productivity leading to structural food deficit.
- ✓ High climate vulnerability due to over-dependence on rain-fed agriculture production
- ✓ Rice market offers considerable unexploited opportunities with an estimated 3% annual growth in domestic consumption and imports estimated at US\$150 million annually, thus providing significant opportunities for competitive import substitution
- ✓ STAR-P is designed with a focus on economic empowerment of rural poor farmers as reflected in the Five-year Liberia National Development Plan - the Pro Poor Agenda for Prosperity and Development (PAPD), developed in 2018

Project Development Project:

Increase agricultural productivity and commercialization for smallholder farmers engaged in the vegetable, rice and oil palm value chains in selected counties of Liberia

Interventions:



- ➔ ✓ Institutional support for the development of the mechanisation strategy of rice VC as part of the National Rice Development Strategy
- ✓ Institutional capacity development: CARI and CDA
- ✓ Establishment of **Liberia Agricultural Commercialisation Fund (LACF)** accessible via matching grants to agribusiness, FBO, Cooperative and FIs of the development of rice, oil palm, and vegetables value chains
- ✓ LACF to finance vibrant business plans that support nutrition, climate-smart practices, gender equality, etc.

Project Details:



- Rice VC development financed by **WB, IFAD and GL**
- Enter-into-Force: **July 2020**
- Expected completion: **Sept. 2026**



- IFAD: **US\$ 51.71 million**
- Private sector: **US\$ 4.5 million**
- Beneficiaries: **US\$ 15.1 million**
- WB: **US\$ 25.0 million**
- Govt: **US\$ 0.82 million**
- Total Value: **US\$ 97.13 million**



- **73 875** direct beneficiaries
- **22 162** women
- **22 162** youth

Project Expected Results:



Smallholders Productivity

20% increase in yield
1 Mt volume of annual rice sales by beneficiary households



50% capacity utilisation of post-harvest processing facilities



Households food security

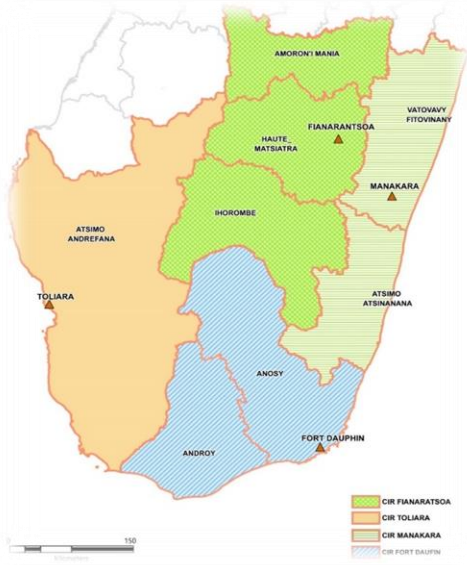
50% of beneficiary households expected to improve their dietary diversity and production



1 500 jobs to be created
60% of households expected to adopt the use of improved seeds and new climate-resilience technologies

Sample case 4: DEFIS in Madagascar

Inclusive Agricultural Value Chains Development Programme



Project areas

Country Context & Rational:

- ✓ High incidence of rural poverty reaching 82% as well of food insecurity particularly in the Southern regions
- ✓ Prevalence of chronic malnutrition among children under five years of age is among the highest in the world
- ✓ Despite challenging context, the Madagascar country programme has performed well historically
- ✓ The Independent Office of Evaluation (IOE) and RIA impact Assessment have mostly been positive.

Project Development Project:

DEFIS goal is to sustainably improve incomes and food and nutritional security for vulnerable rural people living in the programme area. The development objective is to transform family farming through the large-scale adoption of effective, resilient farming systems, integrating family farms into profitable value chains

Project Details:



- Rice among the 8 priority VC
- Enter-into-Force: **2018**
- Expected completion: **2027**



- IFAD loan: **US\$ 90.5 million**
- IFAD grant : **US\$ 26.5 million**
- OPEC: **US\$ 20 million**
- Green Climate Fund :**US\$ 53.9 million**
- Beneficiaries: **US\$ 14.3 million**
- Govt: **US\$ 25.3 million**
- Total Value: **US\$ 250 million**



- **320 000** direct household beneficiaries
- **30% household led by** women and youth

Project Expected Results:



Smallholders Productivity
60% increase in yield



50% capacity utilisation of post-harvest processing facilities



Households food security
50% of beneficiary households expected to improved their dietary diversity and production

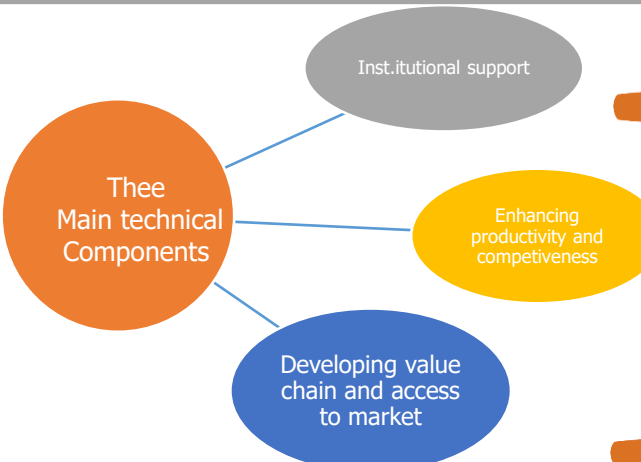


7 000 jobs to be created



Interventions:

- ✓ Institutional support and building the capacities of: (i) national public institutions; and (ii) rural professional organizations, particularly in strategy on farmer services and development of agricultural value chains, including for NARS such as FOFIFA
- ✓ rehabilitation of 20,000 ha of existing irrigation schemes, 8 000 ha of new irrigated schemes and 7 000 ha of micro irrigation
- ✓ Proximity access to agricultural inputs and agricultural advisory services
- ✓ Strengthening farmer organization for market access and partnership-building with private sector
- ✓ Post harvest and market related infrastructure



On-going sovereign projects in WCA with rice investments

Country	Project Name	Success stories in Rice Chains
Niger	Family Farming Development Programme in the Diffa Region (ProDAF-Diffa) Budget : USD 116.8 Million	
Guinea-Bissau	Economic Development of Southern Regions (PADES) Budget : USD 36.7 million	Water management for mangrove ecology Intensification of agricultural practices and
Cote d'Ivoire	Agricultural Value Chain Development Support Programme (PADFA) Budget : USD 72.5 million	
	Agricultural Emergency Support Project (AESP) Budget : USD 50 Million	
RDC	North Kivu Agriculture Sector Support Project (PASA-NK) Budget : USD 59.5 Million	rice yield increase from 1500 kg to 3000 kg per hectare, Adoption of ISFM (Integrated Soil Fertility Management) .
RCA	Projet de renforcement de la productivité et l'accès aux marchés des produits agricoles dans les savanes (PRAPAM) Budget : USD 37 Million	introduction of rice parboiling practices to women
	Projet d'appui au développement des chaines de valeurs agricoles en zone de savanes (PREPAS) Budget : USD 30.5 Million	Introduction of high yielding varieties and yield increased from 1.4 T to 3T/ha

AfricaRice Grants funded by IFAD

Country	Project Name	Success stories in Rice Chains
Sierra Leone	Agricultural Value Chain Development Project (AVDP) Budget : USD 102.2 Million	Rehabilitation of 1,200ha of Inland Valley Swamp 200 rice-based Farmers Field Schools established
Liberia	Smallholders Agriculture Transformation and Agribusiness Revitalization project (STAR-P) Budget : USD 107.2	Average increase in rice yield from 1.30 tons per hectare to 2.67 tons, due to the adoption of improved technologies Increase in marketable surplus by 55%
Burkina Faso	Agricultural Value Chains Promotion Project (PAFPA) Budget : USD 73.8 Million	Contract between rice-producing cooperatives and local private sector agents
Burkina Faso	Agricultural Value Chains Support Project in the Southwest, Hauts-Bassins, Cascades and Boucle du Mouhoun Regions Budget : USD 154.5 Million	Partnership between rice processing and rice-producing cooperatives
NIGERIA	Livelihood Improvement Family Enterprises Project in the Niger Delta of Nigeria (LIFE ND) Budget : USD 130 Million	Increase in yield 4t /ha against 2.5t/ha. Increase in yield rice seed multiplication from the baseline record of 3t/ha to 6t/ha
Nigeria	Special Agro-Industrial processing zones Programme (SAPZ) Budget : USD 521.2 Million	Not yet

On-going sovereign projects in WCA with rice investments

Country	Project Name	Success stories in Rice Chains
Senegal	Projet de développemnt agricole de Matam-PRODAM II	Scaling up on system of Rice Intensification (SRI) led to yield to 8-10 tons/ha from 4-5 tons/ha Compared to traditional practices, SRI leads to 20% cost reduction from 36 francs CFA/kg/ha à to 16 FCFA/kg/ha and a doubling of income.
	Programme d'appui au développement agricole et à l'entrepreneuriat rural- PADAER I	Introduction of upland rice production in the regions of Kédougou, Kolda et Tambacounda (lowland production being is a traditional practice) With SRI, yield increase from 3 to 5 t/ha in lowland to 7 t/ha
	Programme d'appui au développement agricole et à l'entrepreneuriat rural- PADAER II	Marking of 412 t of rice
Cameroon	Commodity Value-Chain Development Support Project - Phase II (PADFA II) Budget : USD 69.4 Million	(1) Organization of rice producers in cooperative in accordance with OHADA regulations. rice standards in the portfolio of Cameroon Standards and Norm Agency Establishment of multi-stakeholders platform at regional level
Benin	Agricultural Development and Market Access Support Project (PADAAM) Budget : USD 106.4 million	Processing of rice par smallholder ; locally produced rice competitive vis a vis imported rice

Thank you for your attention