

Mapping of Donor Activities in the Seed Sector within the NSRM Framework

Guiding seed sector transformation in Nigeria



COLLABORATIVE **SEEDPROGRAMME**

Nigeria-Netherlands

Contributing to the
Nigeria-Netherlands Seed Partnership

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Executive Summary

The National Seed Road Map (NSRM) identifies the limited coordination, alignment and accountability that exists among the different donors and development partners to put boundaries to the transformation of the Nigerian seed sector. While it acknowledges the role of the Agriculture Donor Working Group (ADWG) in advising the Federal Ministry of Agriculture and Rural Development (FMARD), it also recognizes the high-level focus of the group and the absence of a mechanism to address in-depth sectorial issues required for coordination and alignment in the seed sector.

Donors and development organizations intervene both directly and indirectly in the sector. Direct efforts target systemic aspects and capacity development of stakeholders within the seed sector. Indirect efforts address the demand, production, marketing, and dissemination of quality seed to strengthen crop value chains, enhance agribusiness and provide humanitarian assistance to small-scale farmers in crisis areas. There is limited aggregate information on these interventions and their impact as intervening organizations largely design, implement, monitor, and evaluate programs in isolation.

The Collaborative Seed Programme (CSP) is implementing the Strategic Innovation Pathway (SIP) of the NSRM on Alignment of Donor Interventions. This SIP aims to achieve increased coordination and alignment among donor and development organizations in the Nigerian seed sector. An assessment and mapping of donor activities, directly and indirectly, impacting the seed sector within the framework of the NSRM has been conducted. The assessment and mapping support the design and operationalization of a mechanism for coordination and alignment of donors and development partners contributing to the transformation of the seed sector.

The current study mapped the seed sector activities of key donor and development organizations intervening in the Nigerian agriculture sector against the other SIPs of the NSRM. The study identifies gap areas in the sector with limited or no interventions, and areas of overlapping interventions which present opportunities for alignment and shared impact. Responding to a specific request from various donors and development partners, it also maps seed activities within a larger context of climate change adaptation and contribution to a more environmentally sustainable agricultural development and food systems.

Introduction: Overview of the National Seed Road Map

The National Seed Road Map outlines a vision for a competitive, resilient, profitable, innovative and adaptive, sustainable, inclusive, resistant and transparent Nigerian seed sector. It identifies twenty-two (22) Strategic Innovation Pathways (SIPs), grouped along six (6) seed sector performance functions and provides insights into the ambitions and functions of a topic relevant to seed sector transformation.



Introduction: Overview of Strategic Innovation Pathways (SIP)

The twenty-two (22) Strategic Innovation Pathways are grouped into six (6) seed sector performance functions.

Service provision

SP1: Decentralization of seed quality assurance
SP2: Professional variety development

Production systems

PS1: Early generation seed supply
PS2: Infrastructural capacity for seed production & marketing
PS3: Company professionalization & specialization
PS4: Community-based seed production.

Market development

MD1: Extension on seed & cultivation practices
MD2: Tackling of counterfeit seed
MD3: Seed company marketing & promotion
MD4: Crop value chains & food security policies stimulating seed demand
MD5: Seed distribution networks
MD6: Institutional markets.

Revenue generation & reinvestment

RR1: Revenue generation for seed quality assurance services
RR2: Financial services & products.

Coordination & governance

CG1: Sector governance & coordination
CG2: Seed information
CG3: Seed trade association
CG4: Alignment of donor interventions.

Regulation & management

RM1: Plant variety protection
RM2: Variety release
RM3: Seed import
RM4: Seed export

The Donor Alignment Topic

The Collaborative Seed Programme (CSP) brings together Nigerian and Dutch stakeholders, working to transform the Nigerian seed sector. The CSP implements the Strategic Innovation Pathway (SIP) of the “Alignment of Donor Interventions” topic of the NSRM. The topic aims to foster alignment amongst various donors and development partners in their interventions in the Nigerian seed sector.



Topic Challenges

- Limited information of the aggregate level development impact of donor interventions in the seed sector. Donors intervene directly and indirectly in the seed sector with little engagements and interaction.
- Limited mechanism exists for the coordination and alignment of donor and development partners interventions in the seed sector.
- The FMARD coordinated Agriculture Donor Working Group (ADWG) address high-level aspects of the agriculture sector; they do not address in-depth sectorial aspects required for coordination and alignment in the seed sector.



Strategic Innovation Pathway

- Assess and map donor activities directly and indirectly impacting the seed sector within the framework of the NSRM.
- Engage with the ADWG group to develop and operationalize a mechanism for coordination and alignment among development partners on seed sector issues, and to contribute to the NSRM; collaborate with FMARD, state ministries of agriculture and other relevant seed sector stakeholders in this effort.
- Regularly monitor and document the impact of both individual and accumulated interventions contributing to NSRM implementation; share impact and lessons learned with the ADWG and primary seed sector stakeholders; and provide inputs for a continued alignment and scoping of modalities to achieve other SIP ambitions.

OUTCOME Enhanced alignment and sharing of information contributing to NSRM implementation among development partners.

The Donor Alignment Topic: Mapping Exercise

The donor mapping exercise was conducted to identify seed related interventions directly and indirectly impacting the seed sector using the framework of the NSRM using a multi-stage approach; it is complemented assessing the interventions within a context of a green economy and climate change adaptation

Objective

- Assess seed-related donor interventions through engagements with the ADWG and bilateral meetings with donors and development partners.
- Map seed related interventions directly and indirectly impacting the seed sector using the framework of the NSRM;
- Map contributions of seed related interventions to climate change adaptation and environmentally sustainable agriculture and food systems
- Update the mapping of donor supported seed sector-related interventions conducted during the development of the NSRM
- Identify areas of overlap of interventions in the seed sector as well as gap areas in the sector with little or no interventions using the framework of NSRM and environmentally sustainable agricultural production and food systems
- Establish relationships with other donors on joint topics; develop and operationalize a mechanism for donor engagement

Approach

Desk Research

- Reviewed documents and reports in the seed sector to identify donors implementing projects ranging from;
 - Direct efforts targeting capacity and systemic aspects of seed sector development
 - Indirect efforts addressing particularly the demand, production, marketing and dissemination of quality seed.
- Developed an initial stakeholder list of donors with activities in the Nigerian landscape

Stakeholder Interviews

- Developed detailed questionnaire and interview/discussion guides to facilitate stakeholder engagements
- Engaged stakeholders through phone calls, and virtual meetings to obtain insights on their activities in the landscape.

Analysis and Report Development

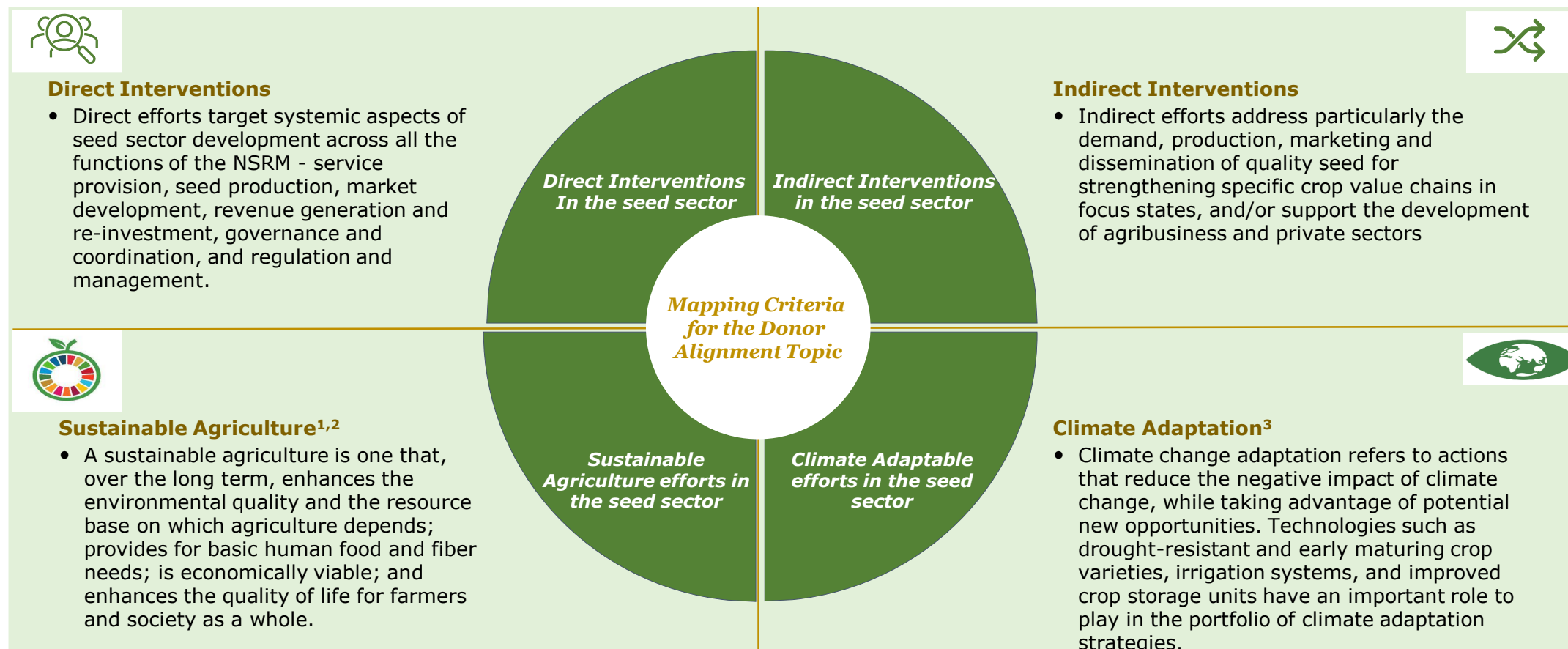
- Analysed data and insights obtained during interviews.
- Develop and submit draft mapping report
- Incorporate feedback on draft report.

Report Validation

- Engage stakeholders and present draft report for validation.
- Incorporate feedback from validation exercise and develop final report.
- Submit final report.

The Donor Alignment Topic: Assessment Criteria

Donor interventions in the landscape were evaluated across key components such as direct and indirect efforts, sustainable agriculture promotion, and climate adaptation strategies.



Source: 1. Francis, C.A., and G. Youngberg. 1990. Sustainable Agriculture--an overview. In C. A. Francis, C.B. Flora, and L. D. King (eds.), Sustainable Agriculture in Temperate Zones. John Wiley and Sons, New York, pp.1-23. 2. Oregon State University (2022). Define sustainable agriculture and discuss how forages are a key component. 3. Government of Canada (2021). CHAPTER 1: An Introduction to Climate Change Adaptation

The Donor Alignment Topic: Donor List

Key donor organizations interviewed implement interventions which have direct and indirect impact on the Nigerian seed landscape.





Acronyms	Description
AFD	The French Development Agency
AGRA	Alliance for a Green Revolution in Africa
BMGF	The Bill & Melinda Gates Foundation
BMZ	The German Federal Ministry for Economic Cooperation and Development
EKN	Embassy of the Kingdom of the Netherlands
EU	The European Union
FCDO	The Foreign, Commonwealth & Development Office
GiZ	The Deutsche Gesellschaft für Internationale Zusammenarbeit GmbH
IFAD	The International Fund for Agricultural Development
ISDB	The Islamic Development Bank
JICA	The Japan International Cooperation Agency
NMFA	The Royal Norwegian Ministry of Foreign Affairs
RF	The Rockefeller Foundation
USAID	The United States Agency for International Development
WB	The World Bank
WFP	The World Food Program

Snapshot of Donor Activities within the NSRM Framework

Donor interventions address several SIPs of the NSRM directly and indirectly, and there are gaps and overlapping areas in the landscape.

	CSP Topic	AGRA	BMGF	EKN	EU	FCDO	GiZ	IFAD	ISDB	JICA	NMFA	RF	USAID	WB	WFP
1	Decentralization of Seed Quality Assurance	D	D	D			D	D							
2	Professional Variety Development	D	D												
3	Early Generation Seed Supply	D	D			I	D			D		I	D		
4	Infrastructural Capacity for Seed Production & Marketing													I	
5	Company Professionalization & Specialization	D	D			I	D	D	I	D			D		
6	Community-based Seed Production	D	D		I	I	D	D			D		D		
7	Revenue Generation for Seed Quality Assurance Services														
8	Financial Services & Products	I													
9	Extension on Seed & Cultivation Practices	D	D	D			D	I	I	D		D	D	I	
10	Tackling of Counterfeit Seed	D											D		
11	Seed Company Marketing & Promotion	D	D	D	I	I	D		I		I		D		
12	Crop Value Chains & Food Security Policies Stimulating Seed Demand														

KEY





	Absence of Donor Activity
	Presence of Donor Activity
	Direct contribution to enhancing seed sector performance
	Indirect contribution to enhancing seed sector performance

Snapshot of Donor Activities within the NSRM Framework (Contd.)

Donor interventions address several SIPs of the NSRM directly and indirectly, and there are gaps and overlapping areas in the landscape.

	CSP Topic	AGRA	BMGF	EKN	EU	FCDO	GiZ	IFAD	ISDB	JICA	NMFA	RF	USAID	WB	WFP
13	Seed Distribution Networks	D	D		I	I	I	I			I		D		I
14	Institutional Markets	I	I	I			I	I	I					I	
15	Sector Governance & Coordination	D	D	D										I	
16	Seed Information	D	D												
17	Seed Trade Association														
18	Alignment of Donor Interventions			D											
19	Plant Variety Protection	D		D									D		
20	Variety Release	D	D	D											
21	Seed Import						I								
22	Seed Export														
	Green economy and climate adaptation														
A	Climate adaptation	D	I	I	I	I	I				I			I	I
B	Environmentally sustainable agricultural production & food systems	I	I	I			I				I			I	I

KEY

	Absence of Donor Activity
	Presence of Donor Activity
	Direct contribution to enhancing seed sector performance
	Indirect contribution to enhancing seed sector performance

Donor Activities within the NSRM Framework

Several donor interventions are designed to address different challenges in the function of the seed sector. Alignment opportunities are revealed when reference donor projects are mapped against related NSRM topics.

Seed Sector Functions	NSRM Topics	Development Partners	Reference Projects	NSRM	Climate Adaptation	
Service Provision	SP1: Decentralization of seed quality assurance	GIZ	Competitive African Rice Initiative (CARI)	D	D	
		BMGF, IFAD	Community Based Agricultural Rural Development Project (CBARDP)	D	-	
		AGRA	NASC SEEDCODEX	D	I	
		EKN	Collaborative Seed Programme (CSP)	D	D	
	SP2: Professional variety development	AGRA	National Strategy (2006 - 2016), National Strategy (2017 - 2021)	D	D	
		BMGF, FCDO	NEXTGEN Cassava	D	-	
Production Systems	PS1: Early generation seed supply	BMGF	BASICS II	D	D	
		GIZ	Competitive African Rice Initiative (CARI)	D	D	
		BMGF	BASICS-II, YIIFSWA II	D	D	
		BMGF & AGRA	Support to Establish Foundation Seed Production Company - ECOBasic Seed Company Limited	D	-	
		FCDO	Rural and Agriculture Markets Development programme for Northern Nigeria (PrOpCom Mai-karfi)	I	I	
		JICA	Rice Post-Harvest Processing and Marketing Pilot Project (RIPMAPP)	I	-	
	PS2: Infrastructural capacity for seed production & marketing	AGRA, USAID, UKAID, RF, BMGF	Partnership for Inclusive Agricultural Transformation in Africa (PIATA)	D/I	-	
		AFD	Enhancing Agricultural and Rural Training in Nigeria (Project in prospection)	I	I	
		WB	Nigeria Rural Access and Agricultural Marketing Project	I	-	
		PS3: Company professionalization & specialization	GIZ	Competitive African Rice Initiative (CARI)	D	D
			BMGF	YIIFSWA II	D	D
			BMGF & AGRA	Support to Establish Foundation Seed Production Company - ECOBasic Seed Company Limited	D	-
			GIZ	Sustainable Smallholder Agribusiness in Western and Central Africa	D	-
		ISDB, JICA, AGRA/USAID, WB	Partnership for Inclusive Agricultural Transformation in Africa (PIATA)	?	-	
IFAD	Value Chain Development Programme	I	-			
FCDO	LINKS - Powering Economic Growth in Northern Nigeria	I	I			

Donor Activities within the NSRM Framework (Contd.)

Gaps exist in revenue generation for seed quality assurance services and seed export topics of the NSRM.

Seed Sector Functions	NSRM Topics	Development Partners	Reference Projects	NSRM	Climate Adaptation
Production Systems	PS4: Community-based seed production.	NMFA	Norwegian Ministry of Foreign Affairs funding for the Northeast Nigeria.	I	-
		EU	EU Support to Response, Recovery and Resilience in Borno State	I	I
		FCDO	LINKS - Powering Economic Growth in Northern Nigeria	I	I
		USAID	Feed the Future Nigeria Integrated Agriculture Activity	I	I
		BMGF	BASICS II, YIIFSWA II	D	D
		GIZ	Competitive African Rice Initiative (CARI)	D	D
		BMGF & AGRA	Support to Establish Foundation Seed Production Company - ECOBasic Seed Company Limited	D	-
		AGRA	National Strategy (2006 - 2016), National Strategy (2017 - 2021)	D	D
		GIZ	Green Innovation Centre for Agriculture and Food Sector (GIC)	I	D
Revenue Generation and Reinvestment	RR1: Revenue generation for seed quality assurance services	Nil	Nil		
	RR2: Financial services & products.	AGRA	National Strategy (2006 - 2016)	D	D
Regulation and Management	RM1: Plant variety protection	AGRA	National Strategy (2017 - 2021)	D	D
		USAID	NASC Capacity Building Support	D	-
		EKN	Collaborative Seed Programme (CSP)	D	D
	RM2: Variety release	AGRA	National Strategy (2006 - 2016)	D	D
		BMGF	BASICS II, YIIFSWA II (2017 - 2021)	D	D
		EKN	Collaborative Seed Programme (CSP)	D	D
		GIZ	Green Innovation Centre for Agriculture and Food Sector (GIC)	I	D
RM3: Seed import	GIZ	Green Innovation Centre for Agriculture and Food Sector (GIC)	I	D	
RM4: Seed export	Nil	Nil			

Donor Activities within the NSRM Framework (Contd.)

Donors are involved in the seed sector's market development function, with several projects aimed at improving extension services for seed and cultivation practices, as well as seed company marketing and promotion topics of the NSRM.

Seed Sector Functions	NSRM Topics	Development Partners	Reference Projects	NSRM	Climate Adaptation
Market Development	MD1: Extension on seed & cultivation practices	USAID	Feed the Future Nigeria Integrated Agriculture Activity, Feed the Future Nigeria Agricultural Extension and Advisory Services Activity	I	-
		JICA	Rice Post-Harvest Processing and Marketing Pilot Project (RIPMAPP), Promotion of Market-oriented Agricultural Extension System for Livelihood Improvement in Nigeria	I/D	-
		EKN	Collaborative Seed Programme (CSP), Seed4change (2019 - 2022), SDGP (2020-2024)	D	D
		AGRA	National Strategy (2006 - 2016), National Strategy (2017 - 2021)	D	D
		BMGF	BASICS II (2020 -2024), YIIFSWA II (2017 - 2021)	D	D
		GIZ	Sustainable Smallholder Agribusiness in Western and Central Africa	D	-
		IFAD	Value Chain Development Programme	I	I
	MD2: Tackling of counterfeit seed	AGRA	NASC SEEDCODEX, National Strategy (2017 - 2021)	D	D
		USAID	NASC Capacity Building Support	D	-
	MD3: Seed company marketing & promotion	NMFA	Norwegian Ministry of Foreign Affairs funding for the Northeast Nigeria.	I	I
		AGRA	National Strategy (2006 - 2016)	D	D
		EU	European Union Trust Fund for Africa	I	I
		USAID	Feed the Future Nigeria Integrated Agriculture Activity	I	-
		FCDO	Rural and Agriculture Markets Development programme for Northern Nigeria (PrOpCom Mai-karfi)	I	I
		EKN	Collaborative Seed Programme (CSP), Seed4change (2019 - 2022), SDGP (2020-2024)	D	D
GIZ		Competitive African Rice Initiative (CARI)	D	D	
	BMGF	YIIFSWA II (2017 - 2021)	D	D	
	BMGF & AGRA	Support to Establish Foundation Seed Production Company - ECOBasic Seed Company Limited	D	-	

Donor Activities within the NSRM Framework (Contd.)

There are gaps in the NSRM's market development function, particularly on the topic of crop value chains and food security policies that stimulate seed demand.

Seed Sector Functions	NSRM Topics	Development Partners	Reference Projects	NRSRM	Climate Adaptation
Market Development	MD4: Crop value chains & food security policies stimulating seed demand	Nil	Nil		
	MD5: Seed distribution networks	NMFA	Norwegian Ministry of Foreign Affairs funding for the Northeast Nigeria	I	I
		EU	European Union Trust Fund for Africa	I	I
		WFP	Livelihood and Resilience Support	I	I
		FCDO	LINKS - Powering Economic Growth in Northern Nigeria, Rural and Agriculture Markets Development Programme for Northern Nigeria (PrOpCom Mai-karfi)	I	I
		USAID	Feed the Future Nigeria Integrated Agriculture Activity	I	-
		GIZ	Green Innovation Centre for Agriculture and Food sector (GIC), Competitive African Rice Initiative (CARI)	D/I	D
		BMGF & AGRA	Support to Establish Foundation Seed Production Company - ECOBasic Seed Company Limited	D	-
		WFP	Livelihood and Resilience Support	I	I
		AGRA	National Strategy (2006 - 2016)	D	D
IFAD	Value Chain Development Programme	D	-		
Coordination & Governance	MD6: Institutional markets.	BMGF	BASICS II (2020 -2024), YIIFSWA II (2017 - 2021)	I	D
	CG1: Sector governance & coordination	AGRA	National Strategy (2006 - 2016), National Strategy (2017 - 2021)	D	D
		EKN	Collaborative Seed Programme (CSP)	D	D
		WB	Agro-Climatic Resilience in Semi-Arid Landscapes (ACReSAL), Nigeria Agriculture Sector Development Policy Operation	D	I
		BMGF	NASC Capacity Building Support	D	I
	CG2: Seed information	AGRA	National Strategy (2017 - 2021), National Strategy (2006 - 2016)	D	D
		BMGF	BASICS II (2020 -2024)	D	D
	CG3: Seed trade association	EU	Support to Response, Recovery & Resilience in Borno State	I	I
	CG4: Alignment of donor interventions	EKN	Collaborative Seed Program (CSP)	D	D

Overview of Reference Projects

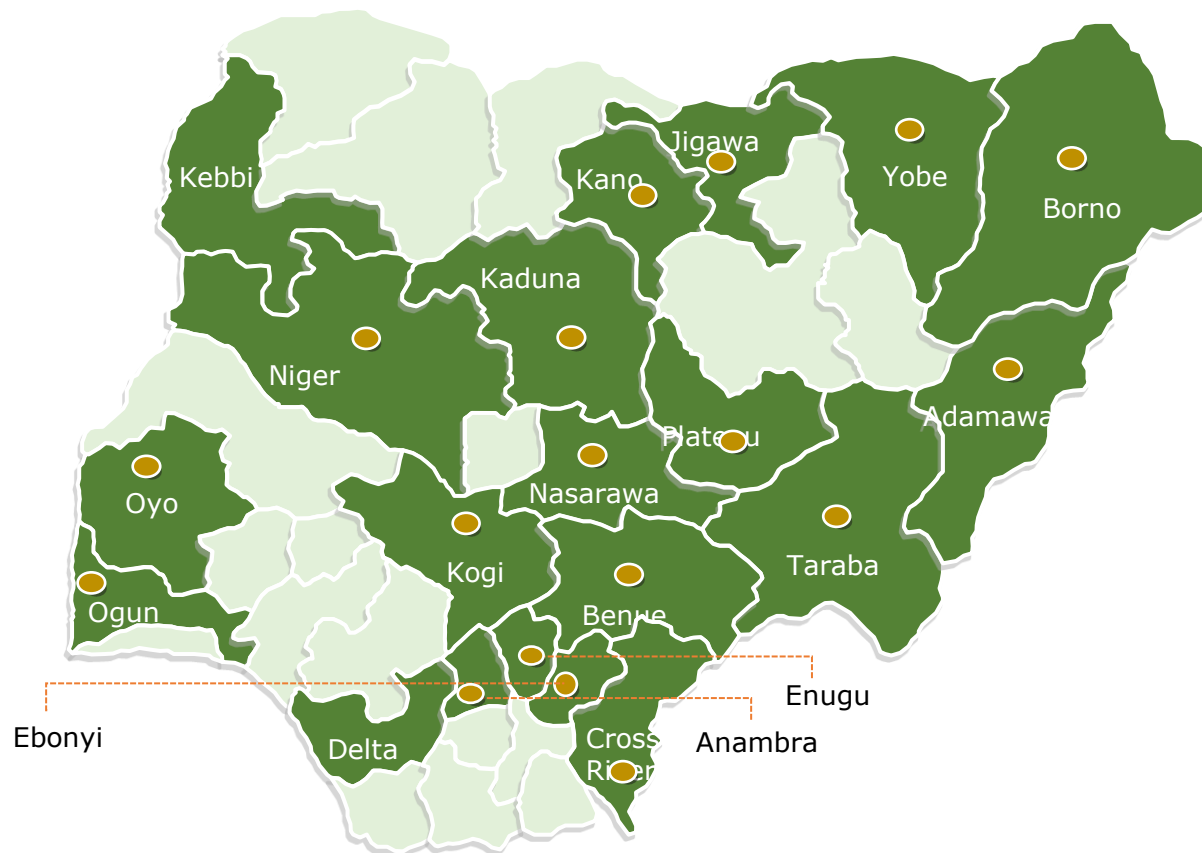
Specific interventions and projects by donor organizations and development partners have an impact on the Nigerian seed sector across a variety of NSRM functions.

Donors	Projects
AGRA	National Strategy, NASC SEEDCODEX
BMGF	BASICS I & II, YIIFSWA I & II
BMGF & AGRA	Support to Establish Foundation Seed Production Company - ECOBasic Seed Company Limited
EKN	Collaborative Seed Project, Seed4Change
EU	EU Support to Response, Recovery and Resilience in Borno State
FCDO	Rural and Agriculture Markets Development programme for Northern Nigeria (PrOpCom Mai-karfi), LINKS - Powering Economic Growth in Northern Nigeria
GIZ	Sustainable Smallholder Agribusiness in Western and Central Africa, Competitive African Rice Initiative (CARI), Green Innovation Centre for Agriculture and Food sector (GIC)
IFAD	Value Chain Development Programme, Support for Special Agro-Industrial Processing Zone (SAPZ)
ISDB	IsDB Support for Special Agro-Industrial Processing Zone (SAPZ)
JICA	Rice Post-Harvest Processing and Marketing Pilot Project (RIPMAPP), Promotion of Market-oriented Agricultural Extension System for Livelihood Improvement in Nigeria
NMFA	Norwegian Ministry of Foreign Affairs funding for the North-East Nigeria
RF	Yieldwise
USAID	Feed the Future Nigeria Integrated Agriculture Activity, Feed the Future Nigeria Agricultural Extension and Advisory Services Activity, Building Sustainable Livelihoods (BSL)
WB	Nigeria Rural Access and Agricultural Marketing Project, Agro-Climatic Resilience in Semi-Arid Landscapes (ACReSAL), Nigeria Agriculture Sector Development Policy Operation
World Food Program	Livelihood and Resilience Support

Overview of Reference Projects - Regions and Crops

Donor organizations' interventions in the seed sector in Nigeria span multiple locations and a wide range of focus crops.

Project Locations across Nigeria



Note: This is not an exhaustive list as there are donor funded projects with a national focus and those who do not particularly focus on any crop.

Project Focus Crops

Donor activities in the seed sector are focused on the highlighted crops/value chains across the country.


Cassava ³	Cotton ¹	Cowpea ⁴
Groundnut ⁴	Maize ⁷	Millet ³
Potatoes	Rice ⁸	Sesame ¹
Sorghum ³	Soybean ⁴	Wheat ¹
Yam ¹	Vegetables ¹	Aquaculture ¹

*The numbers represent the number of donor interventions focused on the crop.

* Vegetables consist of tomatoes, cabbage, pepper, onions, and watermelon

Overview of Reference Projects - Direct Interventions


Direct efforts target capacity and systemic aspects of seed sector development across all the functions of the NSRM.



Function	Development Partners	Reference Project
Service Provision	GIZ, IFAD, AGRA, EKN, FCDO	<ul style="list-style-type: none"> Competitive African Rice Initiative (CARI) BASICS II Collaborative Seed Programme (CSP) National Strategy (2006 - 2016) National Strategy (2017 - 2021)
Production Systems	GIZ, AGRA, USAID, RF	<ul style="list-style-type: none"> Competitive African Rice Initiative (CARI) BASICS-II YIIFSWA II Support to Establish Foundation Seed Production Company - ECOBasic Seed Company Limited ECOBasic Seed Company Limited National Strategy (2006 - 2016), National Strategy (2017 - 2021),
Revenue Generation and Reinvestment	AGRA	<ul style="list-style-type: none"> National Strategy (2006 - 2016)
Regulation and Management	AGRA, USAID, EKN, BMGF	<ul style="list-style-type: none"> National Strategy (2017 - 2021) Collaborative Seed Programme (CSP) National Strategy (2006 - 2016) BASICS II YIIFSWA II
Market Development	EKN, AGRA, BMGF, EKN, GIZ, IFAD	<ul style="list-style-type: none"> Collaborative Seed Programme (CSP) Seed4change (2019 - 2022) National Strategy (2006 - 2016) National Strategy (2017 - 2021) BASICS II (2020 -2024) YIIFSWA II (2017 - 2021) Competitive African Rice Initiative (CARI) Support to Establish Foundation Seed Production Company - ECOBasic Seed Company Limited Value Chain Development Programme
Coordination & Governance	AGRA, EKN, BMGF	<ul style="list-style-type: none"> Collaborative Seed Programme (CSP) National Strategy (2006 - 2016) National Strategy (2017 - 2021) BASICS II (2020 -2024)

Overview of Reference Projects - Indirect Interventions

Indirect efforts address the demand, production, marketing and dissemination of quality seed for strengthening specific crop value chains in focus states, and/or support the development of agribusiness and private sectors, support climate-smart agriculture and engage in humanitarian work.



Function	Development Partners	Reference Project
Service Provision	Nil	
Production Systems	FCDO, JICA, AGRA, USAID, UKAID, RF, BMGF, AFD, IFAD, FCDO, NMFA, EU, USAID, GIZ	<ul style="list-style-type: none"> Rural and Agriculture Markets Development programme for Northern Nigeria (PrOpCom Mai-karfi) Value Chain Development Programme Norwegian Ministry of Foreign Affairs funding for the Northeast Nigeria. EU Support to Response, Recovery and Resilience in Borno State Rice Post-Harvest Processing and Marketing Pilot Project (RIPMAPP) Enhancing Agricultural and Rural Training in Nigeria (Project in prospect) LINKS - Powering Economic Growth in Northern Nigeria Feed the Future Nigeria Integrated Agriculture Activity Green Innovation Centre for Agriculture and Food Sector (GIC)
Revenue Generation and Reinvestment	Nil	
Regulation and Management	Nil	
Market Development	USAID, JICA, IFAD, NMFA, EU, FCDO, WFP	<ul style="list-style-type: none"> Feed the Future Nigeria Integrated Agriculture Activity, Feed the Future Nigeria Agricultural Extension and Advisory Services Activity Rice Post-Harvest Processing and Marketing Pilot Project (RIPMAPP), EU Rural and Agriculture Markets Development programme for Northern Nigeria (PrOpCom Mai-karfi) Value Chain Development Programme Norwegian Ministry of Foreign Affairs funding for the Northeast Nigeria. European Union Trust Fund for Africa Livelihood and Resilience Support LINKS - Powering Economic Growth in Northern Nigeria Green Innovation Centre for Agriculture and Food sector (GIC)
Coordination & Governance	EU	<ul style="list-style-type: none"> Support to Response, Recovery & Resilience in Borno State

Overview of Reference Projects – Green Economy and Climate Adaptation Contd.

Donor interventions in the seed sector aid in climate change adaptation strategies as well as the promotion of environmentally sustainable agriculture and food systems.

Development Partners		Reference Project
 <p>Climate adaptation</p>	<p>BMGF, GIZ, EKN, EU, FCDO, NMFA, WFP, AGRA, RF, USAID WB</p>	<ul style="list-style-type: none"> • Competitive African Rice Initiative (CARI) • Collaborative Seed Programme (CSP) • National Strategy (2006 - 2016) • National Strategy (2017 - 2021) • Building an Economically Sustainable Seed System for Cassava Phase II (BASICS-II) • Yam Improvement for Incomes and Food Security in West Africa, Phase II (YIIFSWA II) • Green Innovation Centre for Agriculture and Food sector (GIC) • Sustainable Smallholder Agribusiness in Western and Central Africa • Seed4Change • Support to Response, Recovery and Resilience in Borno State • Rural and Agriculture Markets Development Programme for Northern Nigeria (PrOpCom Mai-karfi) • Funding for the North-East Nigeria • Yieldwise • Feed the Future Nigeria Integrated Agriculture Activity • Agro-Climatic Resilience in Semi-Arid Landscapes (ACReSAL)
 <p>Environmentally sustainable agricultural production & food systems</p>		

National Strategy (2006 - 2016)

Over a ten-year period, AGRA invested in projects that directly and indirectly addressed the following topics - Variety Release, Seed Distribution Networks, Extension on Seed and Cultivation Practices, Professional Variety Development, Financial Services and Products, Seed Company Marketing and Promotion, and Commodity-based Seed Production



In the first ten years (2006 – 2016), AGRA’s work in Nigeria was in the following programs: Seed systems, Soil Health, Policy, and inclusive finance. Through these investments, AGRA made significant progress:

- 20 PhDs and 27 MScs trained
- 8 seed companies supported, increased their certified seed production from less 100 MT to 11,000 MT on average pa (23,000 mt cumulatively). This seed was purchased by approximately 1,081,739 farmers by 2017. Further, AGRA supported the development and release of 19 varieties out of which 17 were commercialized
- AGRA supported 4,132 agro-dealers through whom distances the farmer had to travel to access inputs reduced from 30 km to 15 km
- AGRA **trained thousands of farmers (146,150 farmers) who cropped a total of 80,793 hectares with new technologies.**
- AGRA supported the inception of NIRSAL. The risk sharing fund was designed to evolve strategies to de-risk and catalyze lending to the Nigerian agriculture value chain.
- AGRA contributed to the development of the Fertilizer Quality Control Bill and the National Agricultural Seed Council Bill alongside a second bilateral agreement on the Presidential Fertilizer Initiative (PFI) to ensure affordable supply of fertilizers to farmers in Nigeria

National Strategy (2017 - 2021) – Portfolio Summary

AGRA has invested in projects that directly and indirectly addressed various topics of the NSRM with partners across the public and private sectors.

Region	Description/purpose of grant	Partners	Value of investment (USD)	Expected outcome	Progress to date
National	Support the development and enactment of a plant variety protection. Identified as a key bottleneck to variety release .	National Council Agricultural Seed	235,470	To ensure a functional seed system	Secured endorsement by UPOV
Kaduna State	Capacity strengthening for Kaduna State to enhance the Ministry's capacity to set priorities, coordinate the sector and enhance execution	Ministry of Agriculture and Forestry	447,308	Improved planning, budgeting, M&E and sector governance	Project Inception and community sensitization
Niger State	Capacity Strengthening for Niger State Ministry of Agriculture	Ministry of Agriculture and Forestry and Rural Development	545,962	Improved planning, budgeting, M&E and sector governance	Project inception
National	Korea-AFRICA rice development network for enhancement of high-yielding rice germplasm and breeding capacity of rice in Nigeria	University of Port Harcourt	56,453	Network established and functional	Completed
National	Socialization of Nigeria Agricultural Investment Plan (NAIP)	Federal Ministry of Agriculture & Rural Development (FMARD)	127,175	NAIP2 Validated by Stakeholders	In progress (3 of 7 zones completed)
Kaduna State	Support Nigeria in achieving its goals of food security and improving livelihoods of poor farmers in Kaduna	AFEX Commodities Exchange Ltd,	998,167	Enhanced productivity and incomes for 100,000 HHs	Inception of project activities

Climate Adaptation



Climate adaptation



Environmental sustainable agriculture and food systems

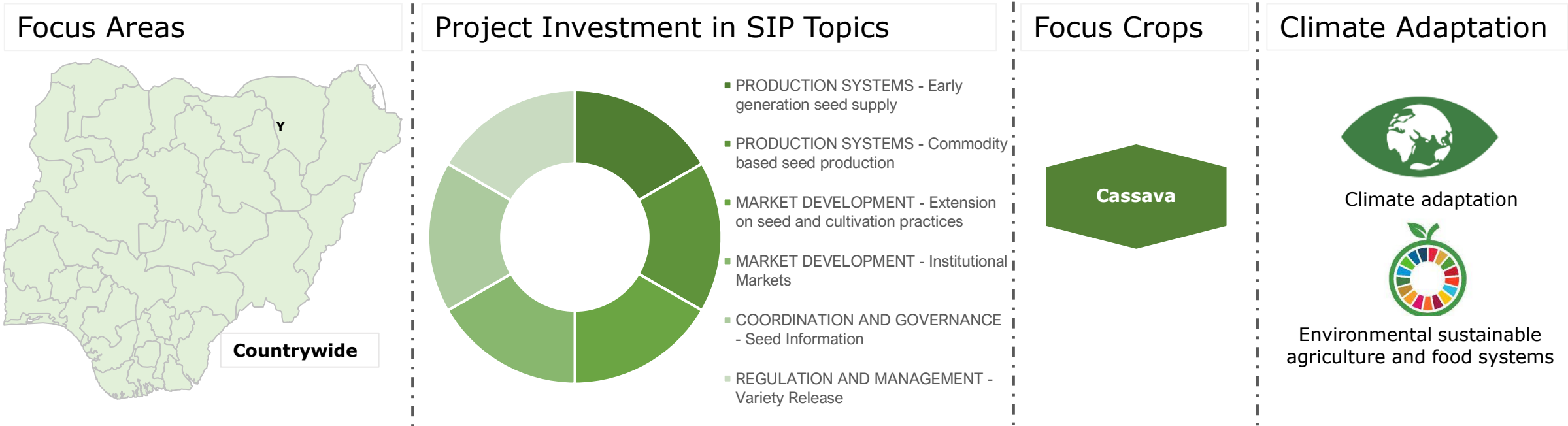
National Strategy (2017 - 2021) – Portfolio Summary

AGRA has invested in projects that directly and indirectly addressed various topics of the NSRM with partners across the public and private sectors.

Region	Description/purpose of grant	Partners	Value of Investment	Expected outcome	Progress to date
Niger State Kaduna State	Uplifting Smallholder Farmers’ Livelihood Through Market Driven Upscaling of the Maize, Rice and Soybean Value Chains (unlocking scaling of technology uptake through enhancing market linkages)	Sasakawa Global 2000, Value Seeds, Premier Seeds Ltd, Africa Rice and others	1,764,175	Enhance uptake of technologies and access to markets for 270,000 HHs	81,000 farmers reached year 1.
	To increase productivity, incomes and food security of smallholder rice farmers in through expanded access to technologies, good agricultural practices (GAP) and established markets	Sasakawa Global 2000, Da AllGreen Seeds Limited (DAGs), Tecni Seeds, Rice Farmers Association of Nigeria, RFAN, Afex Commodity Exchange Ltd (AFEX) and UPH/NCRI/Africa Rice	1,453,855	To double productivity and incomes for 156,250 HHs	31,000 farmers reached in 2018
Niger & Kaduna States	Crop-Site Specific Fertilizer Blends for Niger and Kaduna States-	National Program on Food Security Institute of Agricultural Research (IAR) Fertilizer Producers & Suppliers Association of Nigeria (FEPSAN)	672,270	Recommendations of blended fertilizers that can be used by the industry to improve production of priority crops	50, 000 farm households networked for the season
Kaduna State	Support Nigeria in achieving its goals of food security and improving livelihoods of poor farmers in Kaduna through farmer aggregation and development of a commodity exchange and WRS	AFEX Commodities Exchange Ltd,	998,167	Enhance markets for 100,000 HH	Farmers networked for the season and supported with inputs
Kaduna and Niger	Strengthen the extension system in Kaduna and Niger States through building the capacity of community-based agents who will train farmers to increase use of improved inputs and link them to markets	National Agricultural Extension Research Liaison Services (NAERLS);	1,407,848	Build capacities of 120 Extension workers, 1,460 Community Based Agents, to support 360,000 HHs	Project launched, communities sensitized Farmers networked

Building an Economically Sustainable Seed System for Cassava Phase II (BASICS-II)

The BASICS II project aims to provide farmers with access to affordable, quality-assured seeds of the cassava varieties in demand by local food and industrial processor.

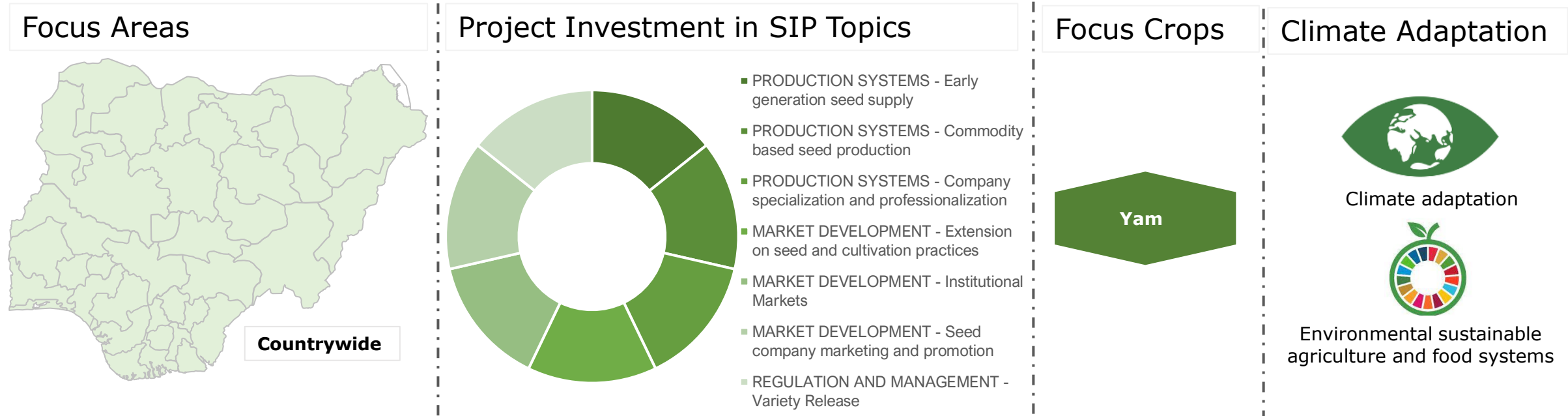


The first phase of the project - BASICS-I - was implemented between November 2015 to December 2019 and piloted the Semi-Autotrophic Hydroponic (SAH) technology for the first time in Africa. The SAH is an innovative rapid seed multiplication technology that speeds up plantlet production, while lowering costs. The goal of the BASICS-II (the second phase of the project runs from 2022 to 2025) is to provide farmers with **access to affordable, quality-assured seeds of the cassava varieties** in demand by local food and industrial processor markets through the establishment of a commercially viable seed value chain operating across breeder, foundation, and commercial seed levels.

This seed value chain will enable more efficient dissemination and **adoption of new cassava varieties to improve productivity**, raise incomes of cassava growers and seed entrepreneurs, enhance gender equity, and contribute to inclusive agricultural transformation in Nigeria and Tanzania.

Yam Improvement for Incomes and Food Security in West Africa, Phase II (YIIFSWA II)

The YIIFSWA II project aimed to develop and prove a functional, commercial seed yam seed system in Nigeria and Ghana.



The Yam Improvement for Incomes and Food Security in West Africa, Phase II (YIIFSWA II) project aim was to develop and prove a functional, commercial seed yam seed system in Nigeria and Ghana to benefit smallholder farmers through timely and **affordable access to high-quality seed yam tubers of improved varieties.**

YIIFSWA-II was based on a three-pronged approach:

- Demonstrate the profitable business opportunity in **using the Aeroponics System (AS)** for basic seed yam production;
- Provide technical and business advisory services for private seed companies to engage in the production **of high-quality basic seed yam using AS;**
- Increase the supply of certified seed yam tubers from vibrant and profitable seed entrepreneurs (SE) at an affordable price to ware yam producers.

Support to Establish A Foundation Seed Production Company - ECOBasic Seed Company Limited

ECOBasicSeed, a foundation seed company aims to address the challenge of limited availability and access to quality foundation seed in Nigeria and the rest of West Africa.

Focus Areas



Project Investment in SIP Topics



- PRODUCTION SYSTEMS - Early generation seed supply
- PRODUCTION SYSTEMS - Commodity based seed production
- PRODUCTION SYSTEMS - Company specialization and professionalization
- MARKET DEVELOPMENT - Seed company marketing and promotion
- MARKET DEVELOPMENT - Seed distribution markets

Focus Crops



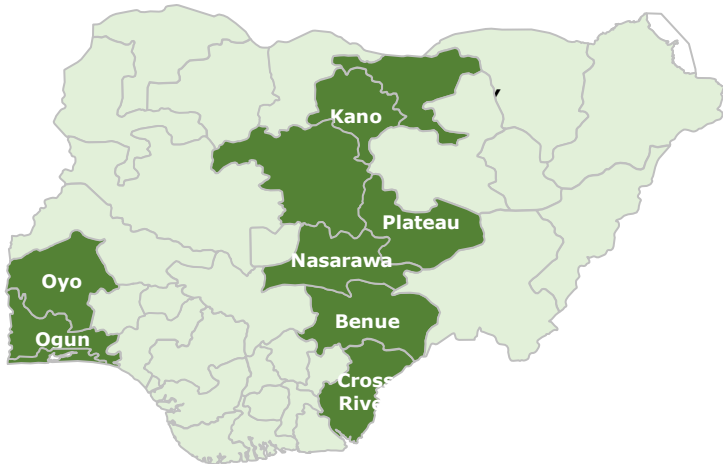
In collaboration with SEEDAN, National Agricultural Seed Council, Sahel Consulting and other stakeholders AATF launched ECOBasic Seed Company in Nigeria dedicated to the production of Foundation Seed for Seed companies in the West African Sub-region.

The company fills a very important gap in seed sales and distribution in the region and has its operational headquarters in Kaduna. It focuses on producing high-quality and improved maize foundation seed for hybrid production, presenting opportunities for seed producers to accelerate the adoption of maize hybrids into their product offerings, enhance their yields and profitability, and ensure the availability of maize hybrids to farmers in the region who can in turn leverage the hybrid seed to increase maize production across the region.

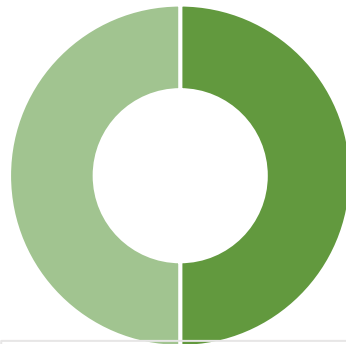
Green Innovation Centre for Agriculture and Food sector (GIC)

The Green Innovation Centre for the Agriculture and Food Sector program has three grant agreements focused on seed sector development. The project works to enhance community seed systems as a part of its value chain development objective.

Focus Areas



Project Investment in SIP Topics



- PRODUCTION SYSTEMS - Community-based Seed Production
- MARKET DEVELOPMENT - Seed Distribution Networks

Type of Investment: INDIRECT

Above \$10 million have been invested in the Production Systems and Market Development function under the highlighted topics above

Focus Crops



Climate Adaptation



Climate adaptation



Environmental sustainable agriculture and food systems

The general programme works with community seed systems as a part of the value chain development.

The program also has three grant agreements with seed development: One with CIP Nigeria Potato Seed Security Partnership, one with IITA on community seed systems in Cassava and maize and One with AfricaRice - CORIS - Covid19 Response Rice Seed Project, which is promoting the use of certified seed in the rice value chain. The project also includes seed dissemination; CIP facilitating potato germplasm import from Kenya to Nigeria; and IITA promoting stem multiplication for cassava varieties.

The focus of the work is on smallholdings in 21 selected value chains. These farms are supported primarily through the provision of advisory services, educational and training courses with the goal of enabling them **to use input-based, technical, knowledge-based and organisational innovations to improve their productivity, income and climate resilience in the long term.** This will also create new jobs in the area of food processing, ensuring that a greater portion of the added value from agricultural production remains in the countries, especially in rural areas. The new employment opportunities will benefit young people and women, in particular.

Competitive African Rice Initiative (CARI)

The Competitive African Rice Initiative (CARI), which was launched in 2013, promotes small-scale climate-friendly rice production and advocates for equal cooperation between target community groups and the private sector.

Focus Areas

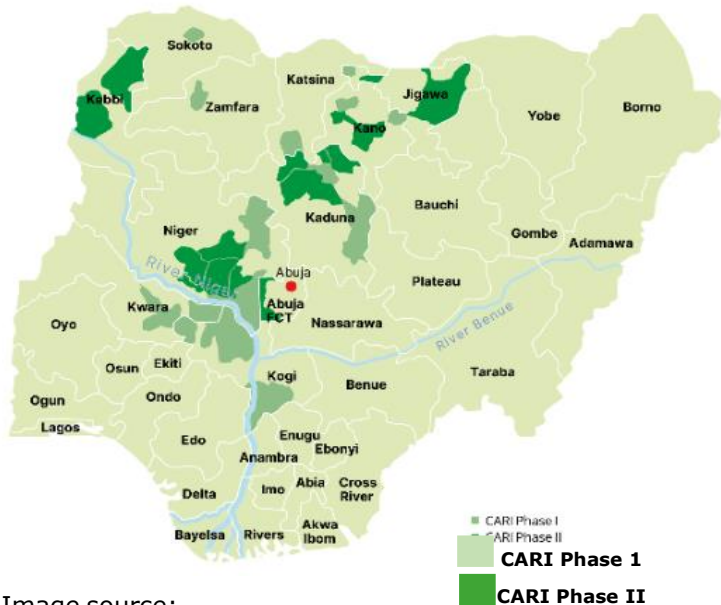


Image source:
Competitive Africa Rice Initiative (CARI). Available at <https://www.cari-project.org/where-we-work>

Project Investment in SIP Topics

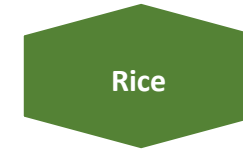


- PRODUCTION SYSTEMS - Community Based Seed Production
- MARKET DEVELOPMENT - Extension on Seed & Cultivation Practices

Type of Investment: INDIRECT

An undisclosed amount has been invested in the Market Development function under the Seed Distribution Network topic.

Focus Crops



Climate Adaptation



Climate adaptation



Environmental sustainable agriculture and food systems

Since the inception of CARI in Nigeria, 430 000 beneficiaries have been able to simultaneously and sustainably increase, their income and enjoy significantly improved food security.

Around 186 000 smallholder farmers have been able to attend trainings increasing the knowledge and production capacities. 30 000 women have been supported in Nigeria alone, while creating 15 000 full time jobs. Currently, 90 000 farmers are engaged in inclusive business models through contracts with off takers. In addition, **farmers are introduced to climate friendly agriculture (SRP)** and technologies allowing for higher crop yields.

Sustainable Smallholder Agribusiness in Western and Central Africa

This project has resulted in 475,000 smallholders in Western and Central Africa increasing their income and food supply through more diverse agricultural cultivation.

Focus Areas



Project Investment in SIP Topics



- PRODUCTION SYSTEMS - Company Professionalization & Specialization
- MARKET DEVELOPMENT - Extension on Seed & Cultivation Practices

Focus Crops



Climate Adaptation



Climate adaptation



Environmental sustainable agriculture and food systems

The project is working with 50 public and private partners in Cameroon, Côte d'Ivoire, Ghana, Nigeria and Togo.

In Farmer Business School (FBS) training, farmers learn how they can improve their planning of cocoa and food production and increase yields and incomes by investing in **improved cultivation techniques**. Farmers also benefit from advice on **good cultivation practice and digital media**. The Cooperative Business School (CBS) approach builds on the concept behind the FBS training.

The extension services include 40 training topics **on good cultivation practices** for cocoa and food products. These topics have been taught to 190,000 smallholders, 30 per cent of whom are women. In total 2,000 managers and members of 400 producer associations have taken part in CBS training courses and learned how to transparently plan and implement services for their members and thus to strengthen their market power. Furthermore, 42 service centres have supplied services to 153,000 customers and 250 young employees of these centres have provided services for over 24,000 hectares of cultivated land.

The Seed4Change project aims to develop Kano's vegetable sector by providing farmers with high-quality vegetable seeds and biological crop protection.

Focus Areas



Project Investment in SIP Topics



- PRODUCTION SYSTEMS - Early generation seed supply
- PRODUCTION SYSTEMS - Commodity based seed production
- PRODUCTION SYSTEMS - Company specialization and professionalization
- MARKET DEVELOPMENT - Extension on seed and cultivation practices
- MARKET DEVELOPMENT - Institutional Markets
- MARKET DEVELOPMENT - Seed company marketing and promotion
- REGULATION AND MANAGEMENT - Variety Release

Focus Crops

**Vegetables:
tomatoes,
cabbage,
pepper, onions,
and
watermelon**

Climate Adaptation



Climate adaptation



Environmental sustainable agriculture and food systems

Seeds 4 Change is a 3-year project coordinated and implemented by Netherlands-African Business Council (NABC), 6 Dutch companies, seed breeders, and experts in biological crop protection. The project is partly funded by the Dutch government. S4C aims for the development of the vegetable sector in Kano by the provision of high-quality vegetable seeds and biological crop protection combined with **the training of farmers on how to cultivate vegetables with improved inputs.**

Access to improved inputs and knowledge transfer is facilitated through trials, demonstrations, capacity building activities (on-farm training and open field days) focused on crop management, **basic and improved cultivation techniques, and good agricultural practices.**

Collaborative Seed Programme (CSP)

The CSP is a collaborative initiative between stakeholders in the Nigerian and Dutch seed sectors to transform the Nigerian seed sector and contribute to the vision of the National Seed Road Map.

Focus Areas



Project Investment in SIP Topics



- SERVICE PROVISION - Decentralization of seed quality assurance
- MARKET DEVELOPMENT - Extension on seed and cultivation practices
- MARKET DEVELOPMENT - Institutional Markets
- MARKET DEVELOPMENT - Seed company marketing and promotion
- COORDINATION AND GOVERNANCE - Sector governance & coordination
- COORDINATION AND GOVERNANCE - Alignment of Donor Interventions
- REGULATION AND MANAGEMENT - Variety Release
- REGULATION AND MANAGEMENT - Plant Variety Protection

Focus Crops



The Collaborative Seed Programme (CSP) is a four-year Programme financed by the Ministry of Foreign Affairs of the Netherlands, represented by the Embassy of the Kingdom of the Netherlands in Abuja. The programme brings together Nigerian and Dutch seed sector stakeholders with the aim to enhance the performance of the Nigerian seed sector.

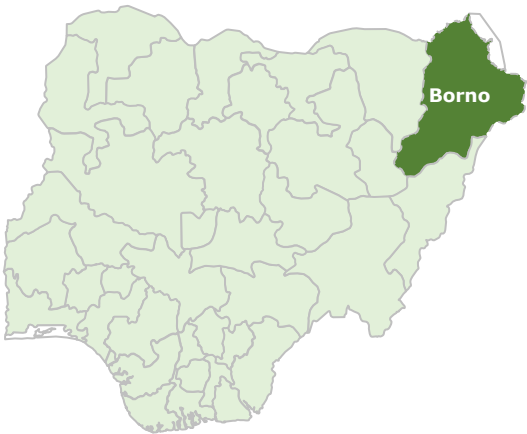
CSP takes a systemic approach for sustainably addressing seed sector challenges and contributes to the vision of the National Seed Road Map (NSRM) of Nigeria which aims to ensure that the seed sector becomes more competitive, resilient, profitable, innovative and adaptive, sustainable, inclusive, resistant and transparent.

The programme focuses on eight NSRM Topics: Decentralization of seed quality assurance, Sector governance and coordination, Extension on seed and cultivation practices, Plant variety protection, Seed company marketing and promotion, Variety release, Alignment of donor interventions, and Institutional markets.

Support to Response, Recovery and Resilience in Borno State

The European Union Trust Fund for Africa invests to increase access to quality declared seeds across Borno state and address the acute shortage of seed among farmers in the state.

Focus Areas



Project Investment in SIP Topics



- PRODUCTION SYSTEMS - Commodity-based Seed Production
- MARKET DEVELOPMENT - Seed Company Marketing and Promotion
- MARKET DEVELOPMENT - Seed Distribution Networks

Type of Investment: DIRECT

Between \$1m - \$2.5m have been invested in the Production Systems and the Market Development functions under the highlighted topics.

Focus Crops



Climate Adaptation



Climate adaptation



Environmental sustainable agriculture and food systems

The project addresses Seed Sector Development (General), Quality Assurance, Seed Production, Variety Promotion, Variety Promotion and Extension, Development of a Seed Trade Association, Capacity Development - farmers, and Capacity Development - Seed Producers/Companies. The project which was implemented during the crises affected Local Government Areas in Borno state with the clear objectives of increasing access to quality declared seeds across the state and primarily addressing the acute shortage of seeds among the farmers.

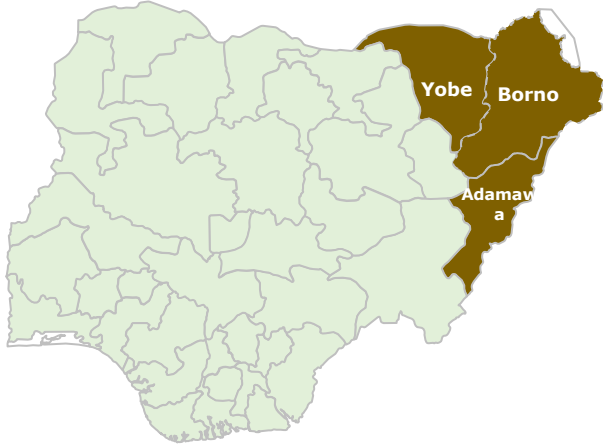
The project targeted the **training and empowerment of 100 community-based seed producers on the different aspects of seed system development.** At the initial stage, key farmers were identified and provided with the required inputs and technical skills for seed production. To ensure that quality and standards were promoted, experts from institutions of the mandate provided both technical support and FAO supported the farmers with the inputs and capacity building.

Quality-declared seeds produced by the seed producers were sourced and distributed to farmers within the immediate localities through modalities that were considered suitable for both farmers and the seed producers. Some of the methods applied include; seeds fairs, seed vouchers and seed distribution.

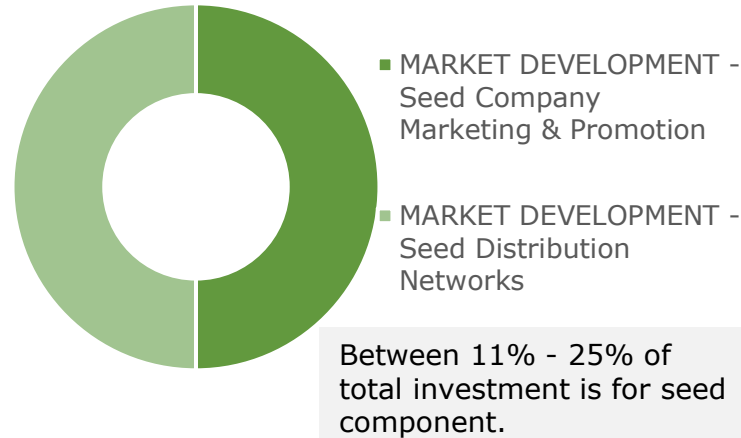
Rural and Agriculture Markets Development Programme for Northern Nigeria (PrOpCom Mai-karfi)

The PrOpcom Mai-Karfi Project invests to support rural seed promoters facilitate last mile delivery of climate-smart seeds in Borno, Adamawa and Yobe States.

Focus Areas



Project Investment in SIP Topics



Type of Investment: **INDIRECT**

Between \$500,000 and \$1 million have been invested in the Market Development function under the highlighted topics above

Focus Crops



Climate Adaptation



Climate adaptation



Environmental sustainable agriculture and food systems

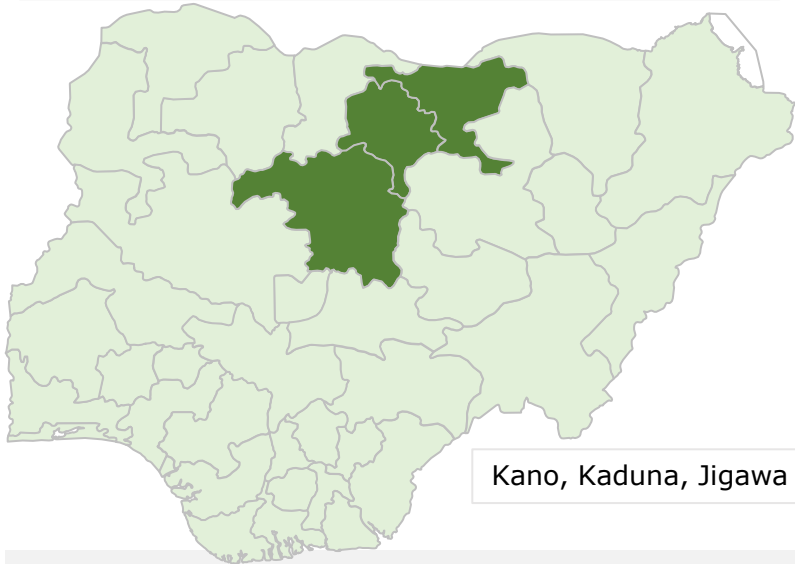
- The project targets agriculture and rural development, value chain development, private sector development, capacity development, last-mile delivery
- The Propcom Mai-Karfi Project invests between \$500,000 and \$1 million in Borno Adamawa and Yobe States. It comprises two seed components;
- Promotion of rural seed promoters to facilitate last-mile delivery **of climate-smart seeds (early maturing, drought tolerant, flood tolerant, and disease resistant), and**
 - **Local seed multiplication of climate-smart seed varieties.**

The project also includes seed dissemination, not directly but through private sector partners.

LINKS: Powering Economic Growth in Northern Nigeria

The Foreign, Commonwealth, and Development Office's (FCDO) LINKS program focuses on three key components: investment, innovation, and business environment reforms, with geographic coverage spanning three northern states: Kano, Kaduna, and Jigawa

Focus Areas



Project Investment in SIP Topics



- PRODUCTION SYSTEMS - Company Professionalization & Specialization
- PRODUCTION SYSTEMS - Commodity Based Seed Production
- MARKET SYSTEMS - Seed Distribution Networks

Type of Investment: INDIRECT
£67.5m

Crops Varieties Marketed

Maize, rice, cowpea, sorghum, groundnut, soybeans, wheat, cotton

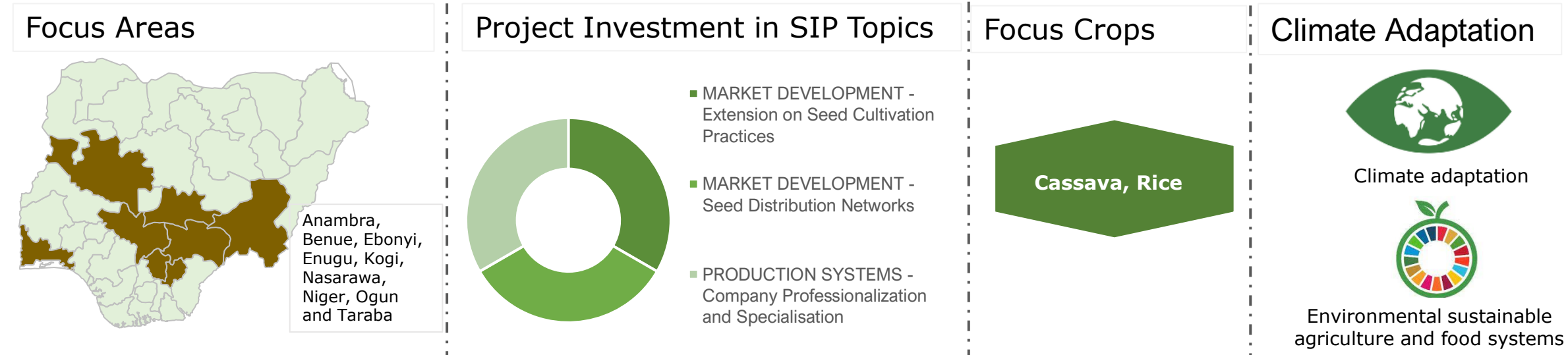
Presently, the program supports the facilitation of investment and financial flow into seed companies operating in its focal states. Some of the business that LINKS works with include:

1. A processor and exporter of 100% locally sourced agricultural commodities including sesame seeds
2. A major seed producer in Northern Nigeria, which is also one of first 5 seed companies built in the country.

The LINKS programme commenced operations in 2019 with a budget of £67.5m. It focuses on three key components: investment, innovation and business environment reforms, with geographical coverage across three northern states: Kano, Kaduna and Jigawa. However, the programme recently limited its scope of work to investment facilitation and promotion due to budget constraints.

Value Chain Development Programme

This program addresses constraints along the cassava and rice value chains in a comprehensive and demand-driven manner. It accomplishes this through an inclusive strategy that strengthens the capacity of all actors along the supply chain, including producers and processors, as well as public and private institutions, service providers, policymakers, and regulators.



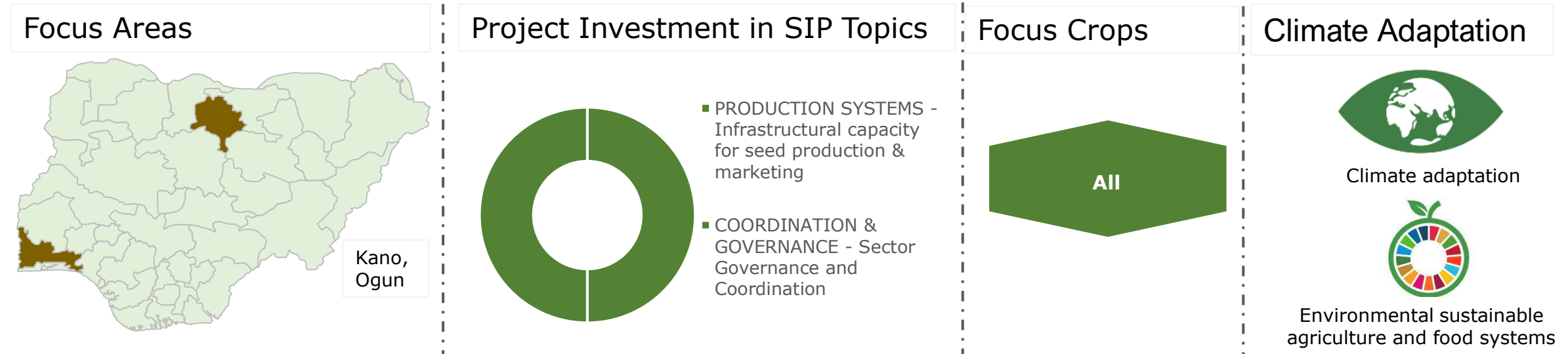
The programme strongly emphasizes the development of commodity-specific Value Chain Action Plans at the local government level, which serve as the basis for rolling out sustainable activities to reduce poverty and accelerate economic growth. The objective is to sustainably enhance rural incomes and food security. The target groups include 15,000 smallholder farming households, 1,680 processors and 800 traders.

Specifically, the programme focuses on: Developing agricultural markets and increasing market access for smallholder farmers and small to medium-scale agro-processors; Enhancing smallholder productivity – and thus increasing the volume and quality of marketable produce – by strengthening farmers' organizations as well as supporting smallholder production.

Key results achieved include: (i) productivity increase in rice yields from 2 – 4 t/ha to 5 – 8 t/ha and cassava from 15 – 18 t/ha to 25 – 30 t/ha (ii) contribution of 450,000 MT of Rice and 653,843 MT of cassava in the domestic food supply. (iii) the engagement of 6 PESP (1 per State) to train farmers on FFBS (iv) establishing 465 FFBS across the States (v) reaching 4,112 FOs through VCDP extension support and 8,422 youths in income generating enterprises (vi) strengthening the establishment of 210 youth seed production groups (120 for rice and 90 for cassava) (vii) producing 287 tons of improved rice seed and 24,129 cassava stem bundles (ix) collaborating with NASC for certification of seed and registration of youth seed producers (x) establishing 6 seed testing labs (xi) training 34,896 farmers in **improved production technologies** (x) providing 35,031 farmers with **improved seed, fertilizers and agrochemicals** through matching grant arrangement (xii) rehabilitating 6,549 ha of irrigated systems for crop production and (xiii) **protecting 30,000 ha of land from seasonal flooding** including construction of dykes.

Support for Special Agro-Industrial Processing Zone (SAPZ)

IFAD is funding the second component of the SAPZ project in Kano and Ogun States, which aims to improve agricultural productivity and enterprise development in order to strengthen agricultural value chains and create jobs in the SAPZ Catchment Areas.



The Program development objective is to support inclusive and sustainable agro-industrial development in Nigeria.

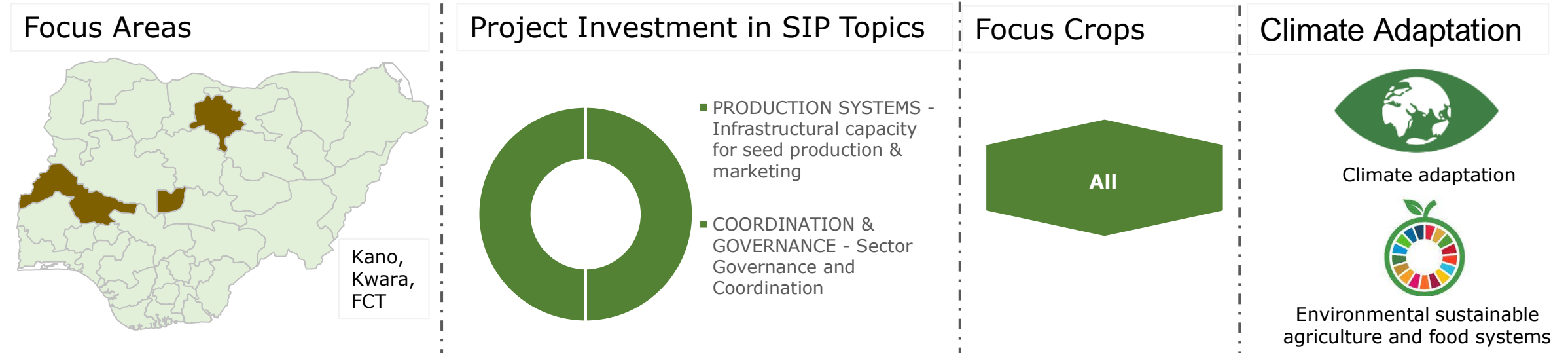
The Program has four broad components namely:

- (i) Support the development of **enabling climate adapted infrastructure** for Agro-Industrial Hubs (AIHs),
- (ii) Improve agricultural productivity and enterprise development to enhance agricultural value chains and job creation in the SAPZ Catchment Areas,
- (iii) Support Agro-Industrial Zone Policy and Institutional Development, and
- (iv) Program Coordination and Management.

The key expected outputs of the SAPZ Program (Phase I) are: development of infrastructure for eight(8) Agro-Industrial Processing Hubs (AIHs), fifteen (15) Agricultural Transformation Centers (ATCs), 2,300ha of irrigated lands and farm to market access roads; supply of certified agricultural inputs and extension services; skills development for farmers and Micro, Small and Medium Scale Enterprises (MSMEs), an updated agro-industrial zone policy and establishment of regulatory institution/special regulatory regime. SAPZ Program(Phase I) will be implemented over five years (2022 –2026)

IsDB Support for Special Agro-Industrial Processing Zone (SAPZ)

The IsDB financing for the SAPZ Project will cover almost all activities in the FCT, Kano, and Kwara, totaling US\$ 55.40 million, 41.90 million in Kano, and 53.22 million in Kwara.



The project's goal is to help Nigerian producers, processors, and the entire agricultural value chain become more functional and profitable.. The project is expected to increase household income for the beneficiaries, create 185,000 new jobs, and enhance food security by increasing the yields of key crops.

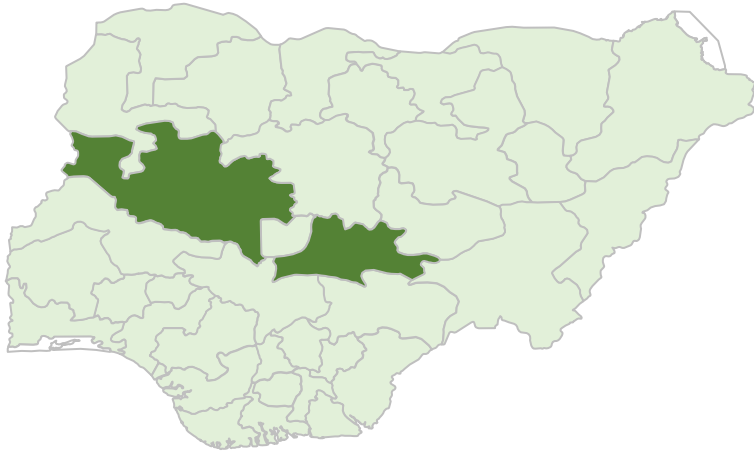
It supports a larger Program of the Government led by African Development Bank (AfDB) for an inclusive and sustainable agro-industrial development to enhance the competitiveness of the agriculture sector. IsDB financing for SAPZ Project will cover almost all activities in FCT, Kano and Kwara amounting to US\$ 55.40 million, Kano US\$ 41.90 million and Kwara US\$ 53.22 million respectively. Agricultural productivity and production in Kano State is being co-financed by IFAD.

The Program development objective is to support inclusive and sustainable agro-industrial development in Nigeria. The Program has four broad components namely: (i) Support the development of enabling climate adapted infrastructure for Agro-Industrial Hubs (AIHs), (ii) Improve agricultural productivity and enterprise development to enhance agricultural value chains and job creation in the SAPZ Catchment Areas, (iii) Support Agro-Industrial Zone Policy and Institutional Development, and (iv) Program Coordination and Management.

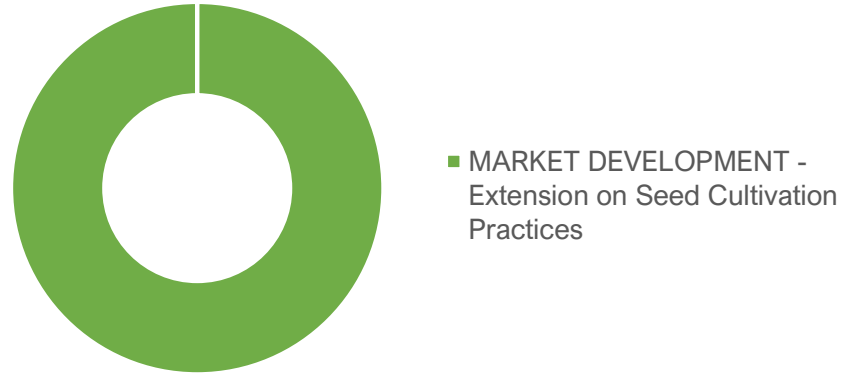
Rice Post-Harvest Processing and Marketing Pilot Project (RIPMAPP)

The RIPMAPP project improves the capacity of the Agricultural Development Programme (ADP) in the target states of Nasarawa and Niger to provide extension services on seed and cultivation practices.

Focus Areas



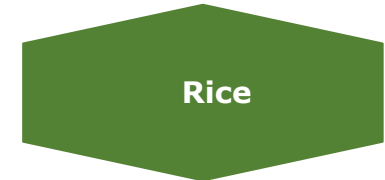
Project Investment in SIP Topics



Type of Investment: INDIRECT

An undisclosed amount was invested in the Market Development Function under the Extension on Seed & Cultivation Practices topic

Focus Crops

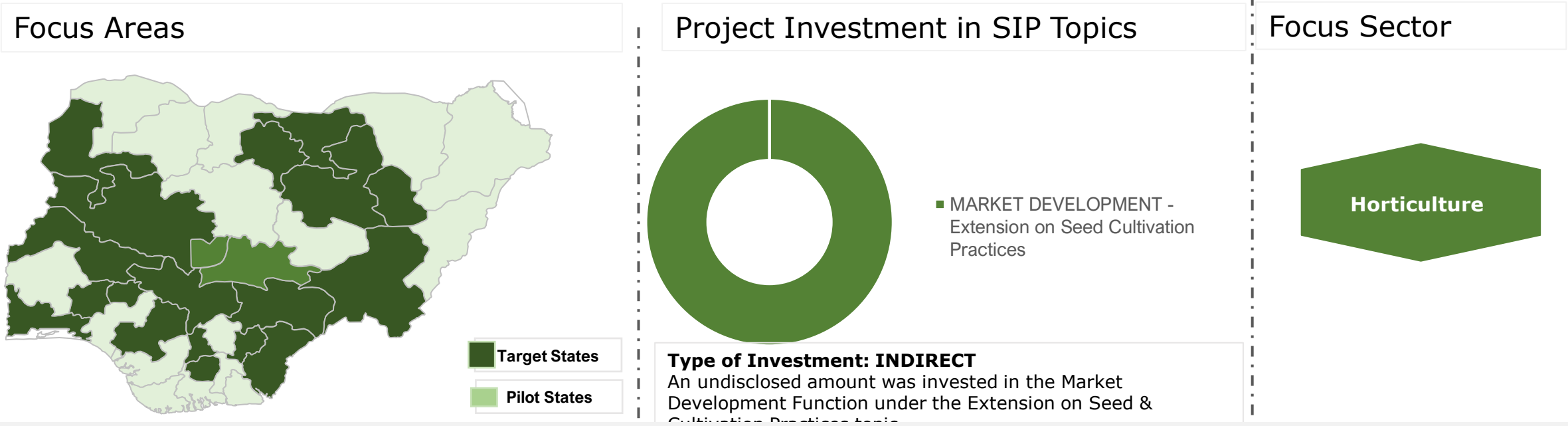


The overall goal of the RIPMAPP was to improve the quality and reduce the post-harvest loss, of domestic rice in the target states of Nasarawa and Niger. To achieve these goals, the project (1) identifies measures to promote the distribution of high-quality domestic rice seeds; (2) develop and improve rice grading standards for domestic rice; (3) enhance the capacity of the Agricultural Development Programme (ADP); and (4) enhance the capacity of small-scale rice millers, parboilers and rice farmers.

The main activities of the project are to conduct training and provide technical guidance. The project targets the ADP personnel, the people involved in rice production and processing, as well as the personnel of the Department of Agro-Processing and Marketing in the Federal Ministry of Agriculture and Rural Development. The Department of Agro-Processing and Marketing personnel provide training and technical guidance to the ADP personnel, who will subsequently provide them to small-scale rice millers, parboilers and rice farmers. This training structure is meant to enhance the capacity of the stakeholders in rice production and processing and develop rice industries in a continuous and sustainable fashion.

Promotion of Market-oriented Agricultural Extension System for Livelihood Improvement in Nigeria

The goal of this project is to adapt the Smallholder Horticulture Empowerment and Promotion (SHEP) Approach to specific Nigerian conditions and to standardize the approach as an agricultural extension method in Nigeria.



The Smallholder Horticulture Empowerment & Promotion (SHEP) is an approach for smallholder horticultural farmers developed by JICA. This approach encourages horticultural farmers to change the mindset of "Grow and sell" to "Grow to sell". It also aims at improving their farming skills and income.

The project is to establish an implementation system for market-oriented extension services and expand SHEP Approach to 20 states. Furthermore, the component of nutrition improvement is also included in the Project.

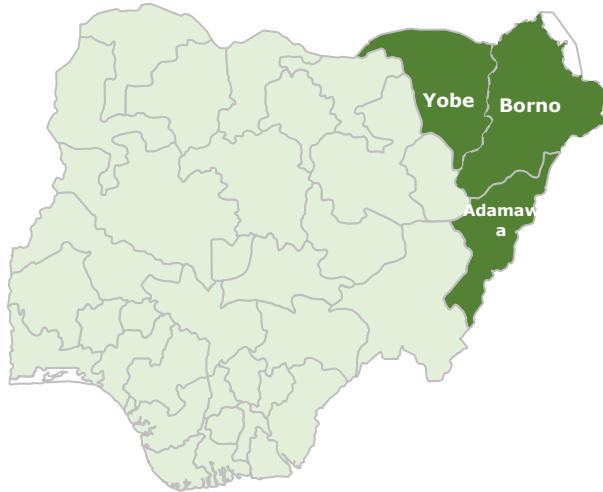
From August 31st to September 4th, 2020, eight staff of the Federal Department of Agricultural Extension who was appointed as Master Trainers were trained. The training was conducted remotely due to the COVID-19 pandemic.

These Master Trainers are responsible for training extension agents, and monitoring and coordinating the SHEP activities in the 20 target states in Nigeria. The training included topics such as the outline of the Project, sensitization of farmers, baseline survey, gender and family budget, market survey, crop selection, business plan making, nutrition, water, sanitation and hygiene, and monitoring and evaluation.

Funding for the North-East Nigeria

The Norwegian Ministry of Foreign Affairs funding for the North-East Nigeria project aims to promote easy access to quality declared seeds among the crises affected population in Borno, Adamawa and Yobe states.

Focus Areas



Project Investment in SIP Topics



- PRODUCTION SYSTEMS - Commodity-based Seed Production
- MARKET DEVELOPMENT - Seed Company Marketing and Promotion
- MARKET DEVELOPMENT - Seed Distribution Networks

Type of Investment: **INDIRECT**

Between \$1m - \$2.5m have been invested in the Production Systems and the Market Development functions under the highlighted topics.

Focus Crops

Maize, sorghum, millet, cowpea, groundnut, sesame

Climate Adaptation



Climate adaptation



Environmental sustainable agriculture and food systems

This is a humanitarian/food and seed aid project. The objective of the project was mainly to promote easy access to quality declared seeds among the crises affected population of Borno, Yobe and Adamawa States of Nigeria. The project involved the engagement of relevant institutions with the mandate **to train community-based seed multiplication cooperatives across production, certification, processing and marketing of seeds in their localities.**

The seed produced by the out-growers go through quality control by the National Seed Council of Nigeria (NASC), an agency empowered by law to enforce seed quality among seed producers. The certified seeds are then disseminated to farmers through platforms such as seed fairs, seed vouchers and local media outlets. Other methods of seed dissemination include the procurement and in-kind distribution of seeds to vulnerable farming households.

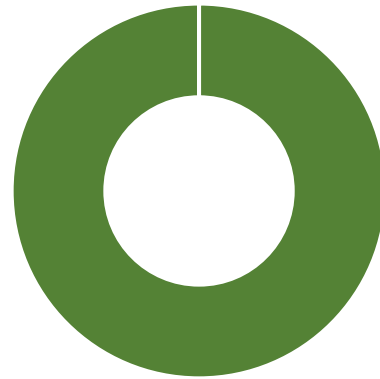
YieldWise

The Rockefeller Foundation invests in the creation of a variety of resources, including training materials, technological research, communication content such as videos and radio programs, and broader lessons learned from working in post-harvest management.

Focus Areas



Project Investment in SIP Topics



- MARKET DEVELOPMENT - Extension on seed & cultivation practices

Focus Crops

Tomato

Climate Adaptation



Climate adaptation



Environmental sustainable agriculture and food systems

As an implementing partner of The Rockefeller Foundation's YieldWise initiative, PYXERA Global is working alongside Dangote Farms Limited, a member of the Dangote Group – the largest manufacturing conglomerate in Nigeria, to reduce post-harvest loss in the Nigerian tomato value chain.

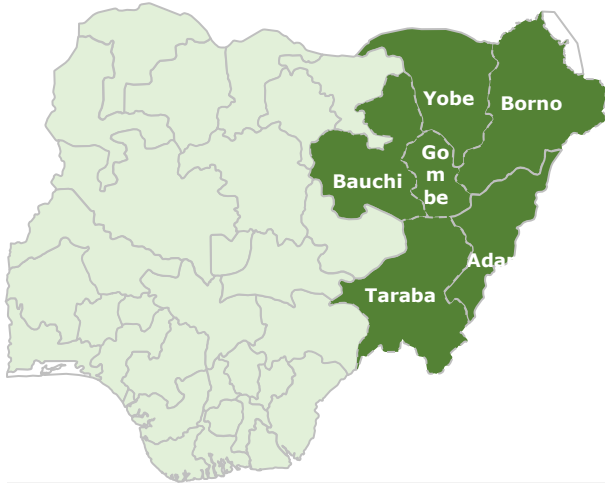
The program supports the establishment of an effective outgrower scheme for Dangote's recently established processing plant in Kano State, thereby providing smallholder farmers in the region with a year-round ready-buyer to **absorb much of the loss that occurs during peak season**. When food is thrown away, it takes up 20% of our landfills **where it emits tons of methane, a greenhouse gas 86 times more powerful than carbon dioxide**.

The program also targets post-harvest loss by facilitating linkages to alternative markets, improving access to finance and innovative technologies to improve storage and handling, and **conducting on-farm trainings to improve crop rotation and other production practices**.

Feed the Future Nigeria Integrated Agriculture Activity

The Feed the Future Integrated Agriculture Activity project is implemented by IITA across North-Eastern Nigeria with a focus on maize, sorghum, millet, groundnut, and soyabean.

Focus Areas



Project Investment in SIP Topics



- PRODUCTION SYSTEMS - Commodity-based Seed Production
- MARKET DEVELOPMENT - Extension on Seed & Cultivation Practices
- MARKET DEVELOPMENT - Seed Company Marketing and Promotion

Focus Crops

Maize, sorghum, millets, groundnut, soybeans

Climate Adaptation



Climate adaptation



Environmental sustainable agriculture and food systems

The project's goal is to increase food security, agricultural income, and resilience among smallholder farmers and their families in Adamawa and Borno states.

To achieve this goal the project will focus on three objectives:

- Increased availability and timely **access to quality agricultural inputs**, and **improved capacity of public and private extension providers** to provide effective **agricultural extension and advisory services** to smallholder farmers.
- Strengthened market linkages along agricultural value chains resulting in increased income among farmers and improved nutrition status of households among consumers.
- Increased engagement among youth, women and the most vulnerable in agriculture and commercial agribusiness.

The project was implemented by IITA and funded by USAID. Invests over \$1 million in North-Eastern Nigeria. The project links seed companies with research institutions for breeder seeds. It also provides capacity building to community-based seed producers to produce foundation seeds of maize, sorghum, millet, groundnut, and soyabean in North-Eastern Nigeria.

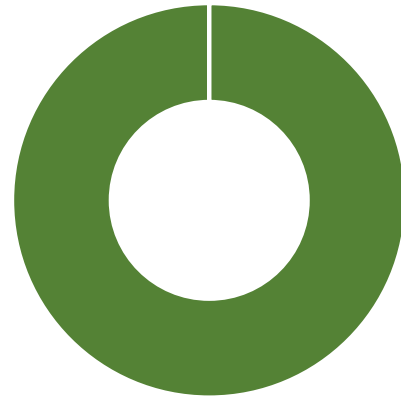
Nigeria Rural Access and Agricultural Marketing Project

This project aims to improve rural access and agricultural marketing in participating states while also strengthening the financing and institutional foundation for effective rural road development, maintenance, and management.

Focus Areas



Project Investment in SIP Topics



■ PRODUCTION SYSTEMS -
 Infrastructural capacity for seed
 production & marketing

Focus Crops

All

This project has four components.

- 1) The first component, Improvement of Rural Access and Trading Infrastructure, has two subcomponents: (i) Major Civil Works; and (ii) Consultancies and Supervision.
- 2) The second component, Asset Management, Agro-logistics Performance Enhancement and Sector Reform, has the following subcomponents: (i) Other Civil works; (ii) Support to Agro-logistics Activities; and (iii) Consultancies Studies and Supervision.
- 3) The third component, Institutional Development, Project Management and Risk Mitigation, is to provide technical and material support for the rural transport and agro logistics capacity building, smooth functioning of the project and risk mitigation and resiliency activities.
- 4) The fourth component, Contingent Emergency Response, aims to address any emergency infrastructure needs following a natural disaster.

Nigeria Agriculture Sector Development Policy Operation

This aims to strengthen the policy environment and institutional capacity to enhance agricultural productivity and market access among farmers, and to improve agriculture sector management.

Focus Areas



Project Investment in SIP Topics



Focus Crops

All

The operation is in line with the strategic focus of the Country Partnership Strategy (CPS) FY10-13 and contributes directly to outcomes related to building sustainable agricultural development and market access.

The CPS recognized that in order to sustain the recent growth in the agriculture sector and its significant contribution to robust growth in the non-oil economy there is a deliberate need to increase agricultural productivity. The Nigerian Government has unprecedented opportunities to accelerate the country's development. Realizing the objectives of the transformation agenda will be essential to preserving stability in Nigeria. Agriculture is a major focal point of the transformation agenda. Agricultural growth in staples has the greatest impact on poverty reduction. The study identified significant potential for agricultural growth and poverty reduction through sector policies and investment, particularly those fostering improved productivity in food staples. One of the conclusions from the study is that Nigeria is unlikely to meet the millennium development goal under its current growth path unless there is a significant improvement in agricultural productivity and in the efficiency of public spending.

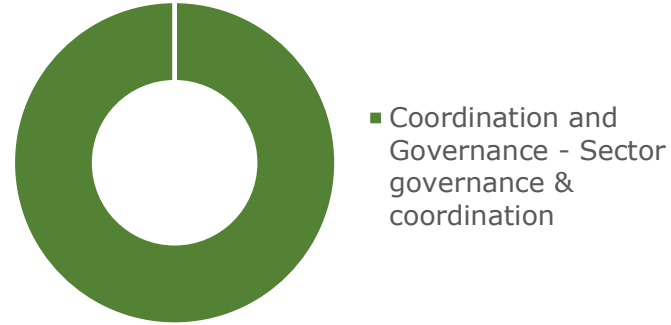
Agro-Climatic Resilience in Semi-Arid Landscapes (ACReSAL)

This aims to increase the implementation of sustainable landscape management practices in northern Nigeria and strengthen the country's long-term enabling environment for integrated climate-resilient landscape management

Focus Areas



Project Investment in SIP Topics



Focus Crops

All

Climate Adaptation



Climate adaptation



Environmental sustainable agriculture and food systems

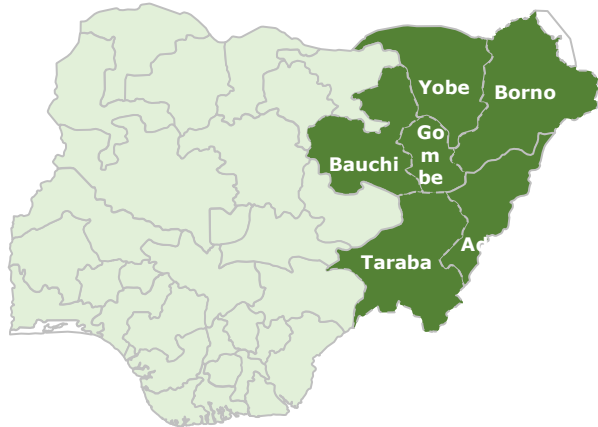
The ACReSAL Project is a 6-year strategic project prioritizing actions within four components: Dryland Management, **Community Climate Resilience**, Institutional Strengthening and Project Management, and Contingent Emergency Response. It will improve the capacity of the country to adapt to a **changing climate**, largely through enhancing multi-sectoral convergence (across environment, **agriculture** and water) and technology modernization, including improved use of data, analytics, and connectivity.

The project will specifically target the inclusion of vulnerable and marginalized groups, including women, youth, the elderly, persons with disabilities, internally displaced people, and ethnic and religious minorities using an integrated watershed approach across sectors and levels of governance

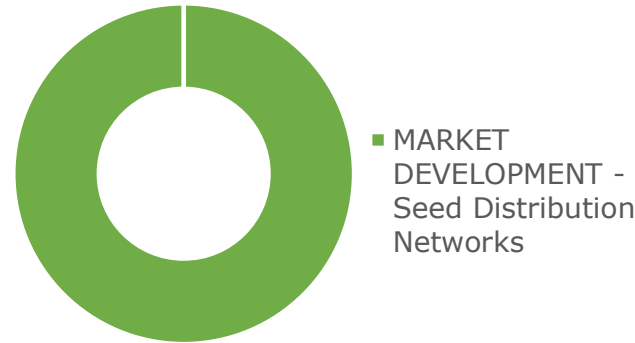
Livelihood and Resilience Support

The livelihood and resilience support program by the World Food Program aims to provide seed for select beneficiaries through cooperating partners to promote recovery from shocks as well as strengthen resilience.

Focus Areas



Project Investment in SIP Topics



Type of Investment: **INDIRECT**

An undisclosed amount has been invested in the Market Development function under the Seed Distribution Network topic.

Focus Crops

Maize, sorghum, millets, groundnut, cowpea

Climate Adaptation



Climate adaptation



Environmental sustainable agriculture and food systems

This is a value chain development, it is centred on humanitarian/food and seed aid, last-mile delivery and capacity development

Seed dissemination is a core aspect of the livelihood and resilience support program. Seeds grain crops are distributed to beneficiaries in stabilized parts of North-East Nigeria to enable them to restart their livelihoods.

For more information:

Chinedu Agbara

CSP Coordinator (Nigeria)
Sahel Consulting
cagbara@sahelconsult.com

Walter de Boef

CSP Coordinator (Netherlands)
Wageningen University & Research
walter.deboef@wur.nl

Mariska Lammers

First Secretary Food Security & Climate
Embassy of the Kingdom of the Netherlands (Abuja)
mariska.lammers@minbuza.nl

<https://csp-nigeria.org/>



The screenshot shows the website for the Collaborative Seed Programme (CSP) Nigeria-Netherlands. The header includes the logo and the tagline "Guiding seed sector transformation in Nigeria". A search bar is present. The navigation menu includes: ABOUT, NEWS, CSP TOPICS, LIBRARY, COVID-19, CONTACT. The main content area features a large image of potatoes and a featured article titled "THE COLLABORATIVE SEED PROGRAMME". The article text reads: "CSP brings together Nigerian and Dutch seed sector stakeholders to transform the Nigerian seed sector. CSP contributes to the vision of the National Seed Road Map (NSRM), driving the seed sector to become more competitive, resilient, profitable, innovative and adaptive, sustainable, inclusive, resistant and transparent. CSP contributes to the Nigeria-Netherlands Seed Partnership". A banner at the bottom of the screenshot reads: "ISSD AFRICA WEBINAR 25 FEBRUARY: SEED POLICY DESIGN AND IMPLEMENTATION – LESSONS FROM WEST AFRICA".



COLLABORATIVE **SEEDPROGRAMME**

Nigeria-Netherlands

Contributing to the
Nigeria-Netherlands Seed Partnership