



# FEDERAL MINISTRY OF AGRICULTURE AND FOOD SECURITY

National Agricultural Technology and Innovation Policy (NATIP)

2022-2027

## Action Plan & Monitoring and Evaluation Framework



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ACKNOWLEDGEMENTS.....

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August 2023

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Indeed, the data and relevant inputs provided by the departments, parastatals of FMAFS, and the state ministries of agriculture greatly assisted in the development of the Action Plan.

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FMAFS notes and recognizes the contributions of sister Ministries, farmer organisations, community organisations, research institutions, development partners and private sector actors who assembled intermittently to provide inputs and validated the Action Plan.

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Equally, the contributions of other bodies and individuals who are numerous to mention are greatly appreciated.

**Federal Ministry of Agriculture and Food Security,**  
**FCTA Secretariat, Garki Area 11,**  
**Abuja**  
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## NATIP ABBREVIATIONS

- i. ADF - Agricultural Development Fund
- ii. ADP - Agricultural Development Programme
- iii. AEHE - Agricultural Equipment Hiring Enterprise
- iv. AfCFTA - African Continental Free Trade Area
- v. ARCN - Agricultural Research Council of Nigeria
- vi. AU-IBAR - African Union - InterAfrican Bureau for Animal Resources
- vii. BOA – Bank of Agriculture
- viii. BOI – Bank of Industry
- ix. CBN – Central Bank of Nigeria
- x. CSA - Climate-Smart Agriculture
- xi. CSO – Civil Society Organisation
- xii. ECOWAS – Economic Countries of West African States
- xiii. EEG – Export Expansion Grant
- xiv. FAO – Food and Agriculture Organisation
- xv. FMAFS - Federal Ministry of Agriculture & Food Security
- xvi. FME - Federal Ministry of Environment
- xvii. FMFB&NP- Federal Ministry of Finance Budget & National Planning
- xviii. FMH – Federal Ministry of Health
- xix. FMHA&DM - Federal Ministry of Humanitarian Affairs & Disaster Management
- xx. FMIT&I - Federal Ministry of Industry Trade and Investment
- xxi. FMST- Federal Ministry of Science and Technology
- xxii. FMWR - Federal Ministry of Water Resources
- xxiii. GAP - Good Agricultural Practices

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Development

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- xxiv. INGO – International Government Organisation
- xxv. ISO – International Organisation for Standardisation
- xxvi. NABG - Nigeria Agricultural Business Group
- xxvii. NADF - National Agricultural Development Fund
- xxviii. NAERLS – National Agricultural Extension and Research Liaison Services
- xxix. NAPDEP - National Pasture Development Programme
- xxx. NAPRI - National Animal Production Research Institute
- xxxi. NAQS - Nigeria Agricultural Quarantine Services
- xxxii. NARS - Nigeria Agricultural Research Systems
- xxxiii. NATIP - National Agricultural Technology and Innovation Policy
- xxxiv. NBS – National Bureau of Statistics
- xxxv. NCRPs - Nationally Coordinated Research Projects
- xxxvi. NEPC - Nigerian Export Promotion Council
- xxxvii. NILEST - Nigerian Institute of Leather and Science Technology
- xxxviii. NNJC - Nigeria-Niger Joint Commission
- xxxix. NVRI - National Veterinary Research Institute
  - xl. PPP – Public Private Partnership
  - xli. REA - Rural Electrification Agency
  - xlii. SON – Standard Organisation of Nigeria
  - xliii. TETFund – Tertiary Education Trust Fund
  - xliv. WOAHA - World Organisation for Animal Health
  - xlv. VTH - Veterinary Teaching Hospital

## 1.0 Introduction

### 1.1 Background: NATIP Action Plan- 2022-2027

Having successfully launched the new Agricultural development policy titled the National Agricultural Technology and Innovation Policy (NATIP), the [Federal Ministry of Agriculture and Food Security](#) (FMAFS) is committed to its full implementation. Accordingly, the Ministry set machinery in motion for the development of specific action plan backed by a robust Monitoring and Evaluation (M&E) framework to guide towards the attainment of the cardinal goals of the Policy which include strengthening national food systems, ensuring food security, fostering growth and employment and positioning agriculture as the foundation for income and production diversification of the Nigerian economy.

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The NATIP Action Plan 2022-2027 is designed in a manner that considers and addresses critical issues and challenges along the food supply chain ranging from agricultural inputs to food waste. It covers key strategic interventions needed to drive agricultural development, including bridging knowledge gap by fostering knowledge creation and transfer to value chain actors and policy makers; better coordination among MDAs to permit synergy and overcoming overlaps, and technology deployment in the form of rapid mechanization across sub-sectors to drive productivity, income and employments. In addition, key sectoral interventions required to enhance priority crops, fisheries and livestock have been developed.

Furthermore, cross cutting interventions essential for all the sub-sectors have been crafted. They include, rural infrastructural development, nutrition, adherence to quality standards to meet health and export potentials, climate-smart and digital agriculture, strengthening agricultural ending and insurance, data and information management, access to quality inputs, sustainable use of land and water resources, women and youth in agriculture, national food reserve and food security and cooperative revival.

The overall Implementation Matrix is designed to ensure the sustainability of the country's food supply at all times, especially in the face of unexpected situations in addition to opening up new opportunities for economic diversification capable of creating wealth and jobs. Indeed, the Action Plan provided a holistic framework to guide short and medium terms interventions to effectively respond to the current National Food Security Emergency declared by the Government.

It is worth noting that Monitoring and Evaluation framework is an important component of the Action Plan that ensures systematic data gathering and analysis across interventions to allow policy makers and critical stakeholders to evaluate policy performance intermittently and make adjustments and corrections along the way.

As evidence-based mechanisms are in the hands of the policy makers, the M&E helps to track accountability, transparency and value for money in the management of public resources. Equally, the M&E is an important indicator and source of valuable information to the private sector and other stakeholders to help evaluate areas of opportunities for investments or development based on the reported progress recorded in attaining sustainable agricultural development.

The operationalization and success of the Action Plan is dependent largely on the functionality of the implementation structure succinctly designed to ensure effective governance of the Policy. Therefore, the inauguration and ensuring regular conduct of the activities of the implementation committee is not only desirable but necessary for the effective delivery of the programmes, projects and activities contained in the Action Plan.

Overall, this Action Plan is intended to harness human, institutional and administrative capacity of the Ministries Departments and Agencies (MDAs) concerned with agriculture to enhance the credibility and efficiency of the government by helping to prioritize and allocate limited resources wisely and in a manner that would bring about transformation of the Nigerian food systems as encapsulated in the NATIP Policy Thrust and Policy Objectives.

## **1.2 Policy Thrust**

NATIP is a 6-year national agricultural policy, incorporating the intervention instruments and implementation strategy, aimed at sustainable development of national technological and innovative capacity to fast-track increased productivity, import substitution, with particular emphasis on the reduction of rice, dairy, meat and fish imports, increased resilience through digital and climate-smart agriculture, towards promoting agricultural value chains and investments.

### 1.3 Policy Objectives

The specific objectives of NATIP are to:

- i Promote knowledge generation and dissemination to agricultural value chain actors by strengthening agricultural research, innovation and extension service delivery;
- ii Deploy appropriate technologies and Good Agricultural Practices (GAP) for a rapid increase in production, processing and marketing of crops, fisheries, and livestock for domestic and international markets;
- iii Support the evolution of Agricultural Development Fund (ADF) into a Mega Agency to overcome agricultural funding inadequacies and fast track rural development;
- iv Increase access to agricultural finance, rural microfinance and promotion of agricultural insurance with active private sector participation;
- v Promote Digital and Climate-Smart Agriculture (CSA); Organic Agriculture and efficient water management for improved efficiency, productivity and income in the face of climate change;
- vi Increase access to agricultural land through land development and rural Infrastructural development to improve the livelihood and community resilience of rural dwellers;
- vii Strengthen animal and aquatic diseases surveillance system for prompt detection and response to trans-boundary animal diseases;
- viii Develop high priority value chains based on ecological or comparative advantages covering crops, livestock and fisheries sub-sectors in collaboration with states;
- ix Reduce malnutrition and improve nutritional security through improved food systems;
- x Increase the competitiveness of Nigeria's agricultural products in the international markets;
- xi Improve the security of agricultural land to create enabling environment for agricultural investment;
- xii Facilitate the creation of 12 million job opportunities in the agricultural sector, and
- xiii Re-position agricultural cooperatives as a vehicle for the emergence of sustainable clusters.

## 1.4 Overall goal of NATIP Action Plan

The Action Plan aims to orient and coordinate goals, programmes and activities of MDAs, Development Partners, farmers' organizations and private sector to attain inclusive, transparent and sustainable food system in Nigeria by 2027 and also generate thrust towards the attainment of the Sustainable Development Goals.

## 2.0 Governance

To ensure a holistic approach to agricultural transformation, this Action Plan is implemented with the active participation of all critical stakeholders under the supervision and leadership of FMAFS. To permit effective governance, the Action Plan is to be constantly directed and reviewed by the already approved implementation structure spreading across the three tiers of government.

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### 2.1 National Implementation Committee (NIC)

SN	Name	Remarks
1	Minister of Agriculture and <u>Food Security (FMAFS)</u>	Chairman
2	Ministers of Water Resources, Transportation, Environment, Health, Science and Technology, Trade and Investments, Ministry of Finance, Budget and National Planning	Members
3	Honourable Commissioners of Agriculture, Livestock & Fisheries of State Ministries of Agriculture	Members
4	Permanent Secretary, <u>FMAFS</u>	Member/ Secretary

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SN	Name	Remarks
5	Central Bank of Nigeria (CBN)	Member
6	Managing Director Bank of Agriculture.	Member
7	Managing Director, NAIC	Member
8	All Technical Directors, <b>FMAFS</b> , – Headquarters.	Members
9	Organized private sector representing different segments	Members
10	Chairman of the Nigeria Agricultural Business Group (NABG)	Member

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## 2.2 Technical Working Committee (TWC)

SN	Name	Remarks
1	Permanent Secretary, <b>FMAFS</b> ,	Chairman
2	Managing Director, Bank of Agriculture	Member
3	Representative of CBN	Member
4	All Technical Directors, <b>FMAFS</b> Headquarters	Member
5	Director-General, NASC	Member
6	Executive Director, ARCN	Member
7	Managing Director, NAIC	Member

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<b>SN</b>	<b>Name</b>	<b>Remarks</b>
8	Director General, NAQS	Member
9	All States' Permanent Secretary Ministry of Agriculture	Members
10	Director, P&PC	Secretary
11	Organized Private Sector	Member
12	Representatives from Universities/Faculties of Agriculture	Member

### 2.3 State Implementation Committee

<b>SN</b>	<b>Name</b>	<b>Remarks</b>
1	Honourable Commissioner, State Ministry of Agriculture	Chairman
2	<del>FMAFS</del> State Director	Member
3	<del>FMAFS</del> Zonal Director	Member
4	Directors of Technical Departments, State Ministry of Agriculture	Member
5	Representative of Bank of Agriculture	Member
6	Programme Managers States ADPs	Members
7	Representatives of Farmers Group/Commodity Associations	Member
8	State Coordinators of various National Agricultural Development Projects and Programs such as	Members

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<b>SN</b>	<b>Name</b>	<b>Remarks</b>
	SPC APPEALS, FADAMA, IFAD, World Bank, etc.	
<b>9</b>	Representative of Civil Society/Community Organizations	Member
<b>10</b>	Representative of Donor Agencies and Developmental Partners	Member
<b>11</b>	Representative of traditional institution	
<b>11</b>	Local Government Representatives	Member
<b>12</b>	Organized private sector	Member
13	Permanent Secretary State Ministry of Agriculture	Secretary

#### **2.4 Local Government Implementation Committee (LGIC)**

<b>SN</b>	<b>NAME</b>	<b>REMARKS</b>
<b>1</b>	Local Government Chairman	Chairman
<b>2</b>	Representative of the State Ministry of Agriculture	Member
3	The HOD, Local Government Agriculture Department	Member
4	Representative of Bank of Agriculture	Member
5	Representatives of Farmers Group/commodity Association	Member
6	Representatives of Agro/Input Dealers	Member
7	Representative of Traditional institution	Member
8	<b>FMAFS</b> State Field Officers	Secretary

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### 3.0 Estimated Cost of implementing the Action Plan

The decades of neglect of the Agricultural sector motivated the need to develop a radical approach to generating and channeling substantial public and private sectors resources into the Sector. More so, the various interventions from the development partners should align with programmes, projects as provided in the 21 components of the Action Plan. It is worth noting that programmes, projects, and financial requirement for 'Standardization for Export' have been embedded in the value chains (crops, livestock, fisheries) in view of its relevance to productivity and competitiveness.

The task of estimating the financial requirements for transforming the agricultural sector is guided by the premise that funding agriculture is not the sole domain of the government. Realizing the resources requires persistent and consistent public and private sector dialogue/partnerships, government-donor engagements, and strong MDA alignment. In all, the sum of **₦5,664,079,090,817** is estimated for the implementation of the various components of the NATIP.

#### 3.1 Summary of Financial Estimates for NATIP Implementation

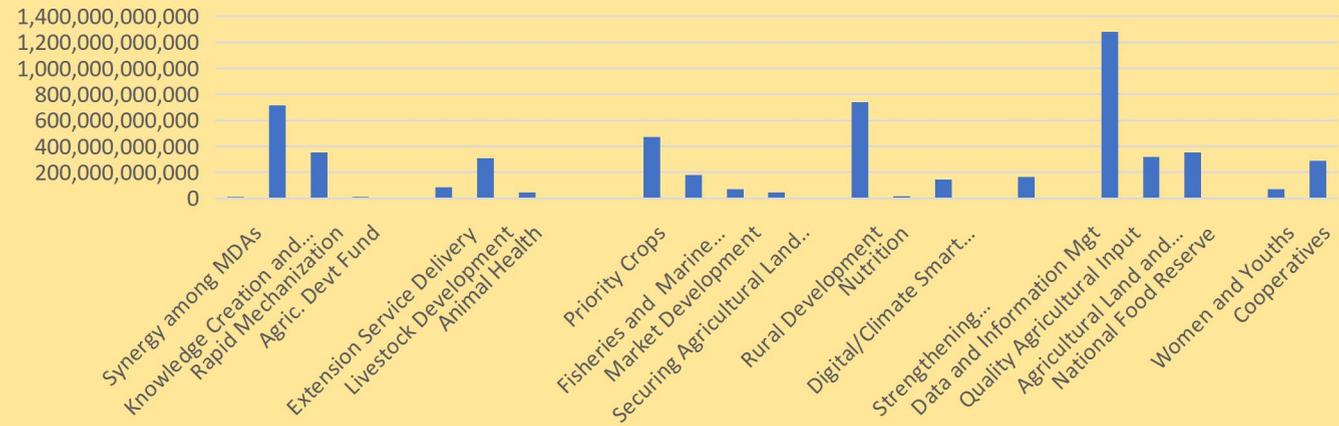
S/N	NATIP Programmes	Estimated Funds Required for The Planning Period 2022-2027	Main Funding Sources
1	Synergy among MDAs	3,768,969,760	Appropriation, NADF and Development Partners
2	Knowledge Creation and Transfer	716,000,000,000	Appropriation, NADF and Development Partners
3	Rapid Mechanization	353,576,485,594	Appropriation, NADF, Development Partners, special interventions, private sector
4	Establishment of National Agricultural Development Fund		Appropriations

<b>S/N</b>	<b>NATIP Programmes</b>	<b>Estimated Funds Required for The Planning Period 2022-2027</b>	<b>Main Funding Sources</b>
		4,050,000,000	
5	Revitalization of Extension Service Delivery	83,209,255,731	Appropriation, NADF, Development Partners, special interventions, private sector
6	Livestock Development (value chain)	308,020,350,000	Appropriation, NADF, Development Partners, special interventions, private sector
7	Livestock Development (Animal Health)	43,447,170,199	Appropriation, NADF, Development Partners, special interventions, private sector
8	Strengthening of Value chain for priority Crops	470,811,198,906	Appropriation, NADF, Development Partners, special interventions, CBN, BOA, BOI, private sector, farmer organizations
9	Fisheries and Development of Marine Resources	182,104,032,930	Appropriation, NADF, Development Partners, special interventions, CBN, BOA, BOI, private sector, farmer organizations

<b>S/N</b>	<b>NATIP Programmes</b>	<b>Estimated Funds Required for The Planning Period 2022-2027</b>	<b>Main Funding Sources</b>
10	Market Development	72,794,899,704	Appropriation, NADF, Development Partners, special interventions, CBN, BOA, BOI, private sector, farmer organizations
11	Securing Agricultural Land and Investments	47,350,000,000	Appropriation, Development Partners, special interventions, private sector
12	Rural Development	740,808,466,000	Appropriation, NADF, Development Partners, special interventions, private sector
13	Nutrition	14,500,000,000	Appropriation, NADF, Development Partners, special interventions, private sector
14	Digital Agriculture and Climate Smart Agriculture	144,500,000,000	Appropriation, NADF, Development Partners, special interventions, private sector
15	Strengthening Agricultural Lending and Insurance	164,282,352,586	Appropriation, NADF, Development Partners, special interventions, private sector
16	Data and Information Management	7,100,000,000	Appropriation, NBS, NADF, Development Partners, private sector
17	Access to Quality Agricultural Input	1,278,822,896,000	Appropriation, NADF, Development Partners, special

<b>S/N</b>	<b>NATIP Programmes</b>	<b>Estimated Funds Required for The Planning Period 2022-2027</b>	<b>Main Funding Sources</b>
			interventions, private sector, Presidential Fertilizers Initiative, NAFDAC, SON, NSA
18	Sustainable Use of Agricultural Land and Water Resources	319,375,000,000	Appropriation, NADF, Development Partners, special interventions, private sector
19	National Food Reserve and Food Security	351,626,720,000	Appropriation, NADF Development Partners, special interventions, private sector
20	Women and Youths in Agriculture	69,990,000,000	Appropriation, NADF, Development Partners, special interventions, private sector
21	Cooperative Revitalization	287,941,293,407	Appropriation, NADF Development Partners, special interventions, private sector
	<b>TOTAL AMOUNT</b>	<b>5,664,079,090,817</b>	

### Financial Estimates for NATIP Implimentation Billion (N.K)



### 4.0 Implementation Matrix: Strategic Interventions

#### 4.1. Synergy Among Ministries Departments and Parastatals (MDAs)

Lead Organization/Department: PP&PC

Lead Organization/Department: PP&PC						
Goal	Objectives	Key Activity/project	Resources required (N.K)	Funding source	Time frame	Key Actors
Institutional alignment	To create synergy of roles and responsibilities	Inauguration of National, states and local governments steering and implementation committees	300,000,000	Appropriation, NADF, Intervention Fund, and Development Partners	2022 - 2027	<del>FMAFS</del> , FMWR, FME, CBN, BOA, BOI, ARCN, Farmers Associations, Private Sector, Development Partners
		Create, staff equip and strengthen Secretariats for the implementation committees	200,000,000	Appropriation, Intervention Fund, and Development Partners	2022 - 2024	<del>FMAFS</del> and Development Partners
	To reduce duplication of mandate and	Conduct quarterly meetings of implementation committees	1,600,000,000	Appropriation, Intervention Fund, and Development Partners	2022 - 2027	<del>FMAFS</del> , FMWR, FME, CBN, BOA, BOI, ARCN, Farmers Associations, Private Sector, Development Partners

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Lead Organization/Department: PP&PC						
Goal	Objectives	Key Activity/project	Resources required (N.K)	Funding source	Time frame	Key Actors
	ensure harmonization among MDAs	Creation of Community of Practice (CoP) to meet twice every year	560,000,000	Appropriation, Intervention Fund, and Development Partners	2022 - 2027	<del>FMAFS</del> , FMWR, FME, CBN, BOA, BOI, ARCN, Farmers Associations, Private Sector, Development Partners
	To strengthen collaboration between Federal MDAs and State Governments	Create quarterly newsletter to report & disseminate MDA/ Inter-MDA Agricultural Activities	8,969,760	Appropriation, Intervention Fund, and Development Partners	2022 - 2027	<del>FMAFS</del> , FMWR, FME, CBN, BOA, BOI, ARCN, Farmers Associations, Private Sector, Development partners
Capability development of MDAs and states	To sensitize MDAs on the dynamics of agricultural value chains development	Create and strengthen Geographic Information System	300,000,000	Appropriation, Intervention Fund and Development Partners	2022 - 2024	<del>FMAFS</del> , FMWR, FME, CBN, BOA, BOI, ARCN, Farmers Associations, Private Sector, Development partners
	To equip MDAs with policy awareness & relevant model of	Conduct workshops on NATIP framework at all levels of government	200,000,000	Appropriation, Intervention Fund and Development	2022 - 2024	<del>FMAFS</del> , FMWR, FME, CBN, BOA, BOI, ARCN, Farmers

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Lead Organization/Department: PP&PC						
Goal	Objectives	Key Activity/project	Resources required (N.K)	Funding source	Time frame	Key Actors
	Agricultural development and food security			Partners		Associations, Private Sector, Development partners
	To provide MDAs with implementation & coordination tools to permit synergistic relationships	Conduct training on NATIP implementation and M&E	100,000,000	Appropriation, Intervention Fund and Development Partners		<del>FMAFS</del> , FMWR, FME, CBN, BOA, BOI, ARCN, Farmers Associations, Private Sector, Development partners
	To reduce inter-MDAs rivalries	Disseminate policy documents widely among MDAs.	50,000,000	Appropriation, Intervention Fund and Development Partners	2022 - 2027	<del>FMAFS</del> , FMWR, FME, CBN, BOA, BOI, ARCN, Farmers Associations, Private Sector, Development partners
Fostering cooperation among research & training institutions and value chain actors	Strengthen the coordinating capacity of <del>FMAFS</del> & ARCN	commercialization of research outcomes	50,000,000	Appropriation, Intervention Fund and Development Partners	2022 - 2027	<del>FMAFS</del> , FMWR, FME, CBN, BOA, BOI, ARCN, Farmers Associations, Private Sector, Development partners

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Lead Organization/Department: PP&PC						
Goal	Objectives	Key Activity/project	Resources required (N.K)	Funding source	Time frame	Key Actors
	Encourage collaborative research leading to Intellectual properties (IPs)		150,000,000	Appropriation, NADF, Intervention Fund and Development Partners	2022 - 2027	<del>FMAFS</del> , FMWR, FME, CBN, BOA, BOI, ARCN, Farmers Associations, Private Sector, Development partners
	Promote indigenous technologies and training for adoption		100,000,000		2022 - 2027	<del>FMAFS</del> , FMWR, FME, CBN, BOA, BOI, ARCN, Farmers Associations, Private Sector, Development partners
	Encourage knowledge exchange between research & Training Institutions and Federal/states technical departments		150,000,000	Appropriation, NADF, Intervention Fund and Development Partners	2022 - 2027	<del>FMAFS</del> , FMWR, FME, CBN, BOA, BOI, ARCN, Farmers Associations, Private Sector, Development partners

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### 4.2: Knowledge Creation and Transfer

Lead Organization/Department: ARCN

	Objectives	Key activities/programmes	Resources required	Funding source	Timeframe	Key Actors
Reform ARCN	Enhancing the Management and Performance of Research & Training institutions	Implement the ARCN (Amendment) Act 2021	80,000,000,000	Annual Appropriation, Special Intervention, PPP, NADF, Development Partners	2022-2025	FMAFS, FMST, ARCN NARIs, TETFund, Development partners, ADPs, Universities, Colleges of Agriculture, and the Private Sector
		Undertake Institutional mandates review and realignment			2022-2025	
		Unbundle NAPRI for effective coverage of diversity in livestock research			2022-2025	
		Implement the Nationally Coordinated Research Projects (NCRPs)			2022-2027	
		Re-introduction of Agricultural Research Grant Scheme approach			2022-2025	
		Re-introduction of joint operation and funding of relevant NARIs and FCAs			2022-2025	
		Upgrade agricultural research data management system for NARS			2022-2025	
		Institutionalize Coordination, monitoring and evaluation of agricultural research and training system			2022-2025	
		Build capacity for institutional research management			2022-2027	
	Promote the culture of problem-	Develop programmes which actively engage stakeholders to align agricultural research agenda	3,000,000,000		2022-2026	

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	<b>Objectives</b>	<b>Key activities/programmes</b>	<b>Resources required</b>	<b>Funding source</b>	<b>Timeframe</b>	<b>Key Actors</b>
	solving in the Agricultural sector	with national priorities				
		Develop and implement action plan to strengthen research, farmers, industry, and inputs linkages			2022-2027	
		Develop and implement periodic master plans for agricultural research, training, and extension			2022-2027	
		Facilitate linkages between research institutions, universities, TetFund, and Agricultural Development Fund			2022-2027	
		Create PPPs and collaborations in research and technology development			2022-2027	
		Build the capacity of research and training institutions to attract grants and forge local and international partnerships			2022-2026	
Responsive Research and Development	To increase agricultural research funding	Develop Genetic improvement programmes for priority crops	105,000,000,000	Annual Appropriation, Special Intervention, PPP, Grants, NADF, TETFund, Development Partners, private sector	2022-2026	FMAFS, FMST, ARCN, NARIs, TETFund, Development partners, ADPs, Universities, Colleges of
	Establish strong working relationship with ADF to support genetic improvement programmes in priority crops	2022-2027				
	Establish and upgrade of gene banks	2022-2025				

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	<b>Objectives</b>	<b>Key activities/programmes</b>	<b>Resources required</b>	<b>Funding source</b>	<b>Timeframe</b>	<b>Key Actors</b>
		Collection and conservation of indigenous species			2022-2027	Agriculture, farmer organizations and Private Sector
		Strengthen conservation and research on neglected, underutilized, and endangered indigenous crops			2022-2027	
	Functional researches and training for productivity improvement	Develop programmes on indigenous knowledge management system in agriculture	185,000,000,000		2022-2027	
		Establish two embryo transfer and artificial insemination centres			2022-2026	
		Establish two Genetic improvement, processing, and technology development programmes for priority livestock			2022-2026	
		Develop project on conservation and research on endangered indigenous livestock			2022-2027	
		Implement animal health research programmes			2022-2027	
		Strengthen research in improved livestock production and value chain activities				
	Implement Pasture and Range land development programmes	Conduct researches on binding constraints to the development of fish and marine resources	150,000,000,000		2022-2027	
		Conduct researches on constraints to development of deep-sea			2022-2027	
					2022-2027	

	Objectives	Key activities/programmes	Resources required	Funding source	Timeframe	Key Actors
		fishing				
		Using PPP arrangements to implement the research findings and recommendations				
		Set up PPP Structure to develop indigenous feed and fingerlings			2022-2026	
		Implement Fish genetic improvement, processing, and technologies development programmes			2022-2027	
Knowledge Transfer	To generate intellectual properties annually	Set up Intellectual Property and Patent office at ARCN	5,000,000,000	Annual Appropriation, Special Intervention, PPP, NADF, Development Partners, private sector	2022-2025	FMAFS, FMST, ARCN, NARIs, TETFund, Development partners, ADPs, Universities, Colleges of Agriculture, farmer organizations and Private Sector
		Implement agricultural research exchange programme and study tours			2022-2027	
		Establish spin-off companies for NARIs and FCAs			2022-2027	
		Conduct Annual Agricultural Policy dialogue			2022-2027	
		Conduct Annual Agricultural research & innovation conference/technology fair			2022-2027	
	Generate and disseminate new knowledge to policy makers,	Establish and strengthen Agricultural Innovation Platforms, demonstration sites and farmers' clusters across the country	50,000,000,000		2022-2027	
		Conduct Agricultural research technology dissemination and knowledge transfer through			2022-2027	

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	<b>Objectives</b>	<b>Key activities/programmes</b>	<b>Resources required</b>	<b>Funding source</b>	<b>Timeframe</b>	<b>Key Actors</b>
	farmers, processors, and inputs suppliers	multiple platforms and networks (AVs, ARTTC, Media, ICT, e-extension, etc.)				
		Establish and strengthen agribusiness and related programmes across the NARS			2022-2027	
		Fast track the approval and implementation of National Extension Policy to deliver knowledge to farmers			2022-2023	
		Generate high impact researches across the agricultural value chains			2022-2027	
	To generate and deliver appropriate technologies to farmers and processors	Conduct audit of available indigenous technologies in agriculture Conduct technology fairs/exhibitions and link farmers to techno-prenuers	5,000,000,000		2022-2026	
Comprehensive data on agricultural production and marketing	To provide up-to-date and real time data to value chain actors and policy makers	Conduct bi-annual Agricultural market Survey	15,000,000,000	Annual Appropriation, Special Intervention, PPP, NADF, Development Partners, private sector	2022-2027	FMAFS, FMTI, NBS, ARCN, NAERLS, Private sector, research & Training institutions, ADPs, farmer
		Develop data management infrastructure within the NARS			2022-2025	
		Build research and users capacity in e-data management			2022-2026	
	To provide reliable data to monitor	Conduct bi-annual Agricultural market Survey	5,000,000,000	2022-2027		
		Develop e-data collection system		2022-2026		

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	<b>Objectives</b>	<b>Key activities/programmes</b>	<b>Resources required</b>	<b>Funding source</b>	<b>Timeframe</b>	<b>Key Actors</b>
	agricultural development and constraints	for agricultural production and markets data				organizations and development partners
			<b><u>N16,000,000,000</u></b>			

### **4.3 Rapid Mechanization**

**Lead Organization/Department: FDA**

<b>IMPLEMENTATION MATRIX:</b>						
<b>Goal</b>	<b>Objectives</b>	<b>Key Activity/project</b>	<b>Resources required (N)</b>	<b>Funding source</b>	<b>Time frame</b>	<b>Key Actors</b>
Adoption of Renewable and Alternative Power Supply to enhance Agricultural production and productivity	1. to reduce post-harvest losses across value chains 2. to ensure constant power supply to the Soil and GIS Laboratories for efficient service delivery	1. Conduct national campaign renewable energy to encourage its adoption by farmers and processor 2. Facilitate the adoption of Solar Dryers/Cold rooms.  3. Conduct sensitization workshops on the use and maintenance of the cold room  4. Procurement, maintenance and Installation of Solar Inverter for the Soil and GIS laboratories	6,600,000,000	Federal Appropriation, CBN, NADF, BOA, BOI, states, development partners, Special Intervention, private sector	2022 - 2027	FMAFS, FMS&T, Rural Electrification Agency (REA), states, ARCN, ADPs, Development Partners, Private Sector, farmer/community organizations
	ii. Increasing access to rural electricity and renewable energy	Facilitate the installation of 100,000 Solar streetlights in rural farming communities	120,228,265,755	Federal Appropriation, CBN, BOA, BOI, states, development partners, Special Intervention, private sector	2022 - 2027	FMAFS, FMS&T, Rural Electrification Agency (REA), states, ARCN, Development Partners, ADPs, Private Sector, farmer/community organizations

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IMPLEMENTATION MATRIX:						
Goal	Objectives	Key Activity/project	Resources required (N)	Funding source	Time frame	Key Actors
	Reducing production cost via alternative energy resource	1. Establishment of agriculture-based green technology incubation centres for training of women, youths, and people with special needs 2. Encouraging the establishments of solar powered agribusiness Incubation Centres and agro-preneurial skill centres for agribusiness students, graduates and public	2,700,000,000	Federal Appropriation, CBN, BOA, BOI, states, development partners, Special Intervention, private sector	2022 - 2027	FMAFS, FMS&T, Rural Electrification Agency (REA), states, ARCN, ADPs, Development Partners, Private Sector, farmer/community organizations
Adaptation of Agricultural Mechanization System	i. To fast-track access to public tractor hiring services by farmers	Facilitate the establishment of Agricultural Equipment Hiring Enterprise (AEHE) Centres Nationwide	102,500,000,000	Federal Appropriation, NADF, CBN, states, development partners, Special Intervention, private sector	2022 - 2027	FMAFS, FMS&T, states, ARCN, development partners, Banks, ADPs, Development Partners, Private Sector, farmer/community organizations

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IMPLEMENTATION MATRIX:						
Goal	Objectives	Key Activity/project	Resources required (N)	Funding source	Time frame	Key Actors
	ii. Fast-tracking the implementation of the Green Imperative	1. Conduct trainings for Mechanics, Tractor Operators, and Farmers on mechanization 2. Facilitate the establishment of Tractor Assembly Centres 3. Facilitate the deployment & distribution of 10Nos Tractors with implements to LGA's	107,800,000,000	Federal Appropriation, states, NADF, development partners, Special Intervention, private sector	2022 - 2027	FMAFS, FMS&T, states, ARCN, ADPs, Development Partners, Private Sector, farmer/community organizations
	Supporting local fabricators of small and medium scale agricultural equipment	i. Procurement & distribution of 50Nos 20 tons/day Rice/grains Mill with accessories from local fabricators ii. Encourage the utilisation of Tricycles in rural communities iii. Encourage the utilisation of Power Tillers by farmers iv. Encourage the utilisation of Mini Tractors by farmers	11,786,367,113	Federal Appropriation, states, development partners, Special Intervention, private sector	2022 - 2027	FMAFS, FMS&T, states, ARCN, ADPs, Development Partners, Private Sector, farmer/community organizations

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IMPLEMENTATION MATRIX:						
Goal	Objectives	Key Activity/project	Resources required (N)	Funding source	Time frame	Key Actors
		v. Encourage the utilisation of Mini Combined Harvesters by farmers vi. Encourage the utilisation of Hammer Mill by farmers vii. Encourage the utilisation of Corn Harvester Machinery farmers viii. Encourage the utilisation of Garri & Odorless Cassava Flour Processing Machine by farmers ix. Encourage the utilisation of Maize Peeler/Dehusk by farmers				
	i. Promotion of animal draft power for sustainable farm power supplyii. Adaptation of efficient labour-saving devices	(ii) Support the utilisation of Work Bulls and Animal Traction Equipment by farmers (iii) Support farmers with Medication Packs for Work Bulls	1,961,852,726	Federal Appropriation, NADF, states, development partners, Special Intervention, private sector	2022 - 2027	FMAFS, FMS&T, states, ARCN, ADPs, Development Partners, Private Sector, farmer/community organizations

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IMPLEMENTATION MATRIX:						
Goal	Objectives	Key Activity/project	Resources required (N)	Funding source	Time frame	Key Actors
	relevant to smallholders					
			353,576,485,594			

#### 4.4 Establishment of National Agricultural Development Fund

Lead Organization/Department: PP&PC

Goal	Objective	Key Activities	Resources Required (N)	Funding Source	Time Frame	Key Actors
Generate and channel adequate and sustainable funding for agricultural transformation	i. Create legal framework for the establishment of the Agricultural Development Fund	Enactment of the relevant law establishing ADF	0		2022-2023	FMAFS, CBN, BOA, BOI, ARCN, universities, Farmers Associations, Private Sector, Development Partners
	ii. To establish a mega agency for proper administration of the funds	1. Sensitization of key actors on the establishment of the Fund 2. Appointment of the Board and management of the Fund 3. Selection of befitting physical structure to accommodate the Agency 4. Conduct critical		Annual Appropriation, NADF, Special Intervention, Development Partners	2022-2023	FMAFS, CBN, BOA, BOI, ARCN, universities, Farmers Associations, Private Sector, Development Partners

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Goal	Objective	Key Activities	Resources Required (N)	Funding Source	Time Frame	Key Actors
		stakeholder engagement to guide the proper take-off of the Agency. 5. Linking the Agency with relevant MDAs, value chain actors and research institutions				
	iii. Ensure the appointment of qualified and credible management for the Fund	Establishment of the Agency to manage the Fund				
	iv. Build a multi-stakeholder approach for the supervision of the implementation of the Fund.	Establishment of a credible governing structure of the Fund				
		Populating the Agency with relevant specialist staff	2,000,000,000.00			FMAFS, CBN, BOA, BOI, ARCN, universities, Farmers Associations, Private Sector, Development Partners

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Goal	Objective	Key Activities	Resources Required (N)	Funding Source	Time Frame	Key Actors
	v. To properly staff and equip the Fund for better management of the Fund	Build capacity for managing the Fund	500,000,000.00			<del>FMAFS</del> , CBN, BOA, BOI, ARCN, universities, Farmers Associations, Private Sector, Development Partners
		Install robust IT infrastructure for efficient administration of the Fund	1,500,000,000.00		2022-2025	<del>FMAFS</del> , CBN, BOA, BOI, ARCN, universities, Farmers Associations, Private Sector, Development Partners
		Develop Multi-MDA approach to delivery	50,000,000.00		2022-2024	<del>FMAFS</del> , CBN, BOA, BOI, ARCN, universities, Farmers Associations, Private Sector, Development Partners
		Total	<b>4,000,500,000.00</b>			

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### 4.5 Revitalization of Extension Service Delivery

**LEAD ORGANIZATION/DEPARTMENT: FEDERAL DEPARTMENT OF EXTENSION SERVICES**

Implementation Matrix:						
Goal	Objectives	Key Activity/project	Resources required (N)	Funding source	Time frame	Key Actors
<b>Provide Enabling Environment for efficient extension delivery</b>	To devise policy for the guidance and practices of extension services in Nigeria.	Engage with the Federal Executive Council, National Executive Council and National Assembly to pass the bill on National Agricultural Extension Policy			2023-2024	↓ & States
	To develop policy and implementation guidelines for Extension Service Delivery in Nigeria	Conduct Advocacy, Sensitization and capacity development for Extension stakeholders to adopt the policy on Extension	500,000,000.00	Appropriation, NADF, Development Partners	2023-2024	FMAFS, CBN, NARIs Private sectors, Development partners, Higher Institutions of Learning, States Min. of Agric., and farmer organizations, National Agricultural Development Fund, BoA
		Empowerment of lead farmers to adopt innovation for dissemination to other farmers	1,500,000,000.00			

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Implementation Matrix:						
Goal	Objectives	Key Activity/project	Resources required (N)	Funding source	Time frame	Key Actors
<b>Improved Adoption of good agricultural practices for standardization and increased productivity</b>	To demonstrate production, processing, packaging, storage, and business practices to farmers across the country.	Mount Demonstration Training Plots/Pens/Ponds on Crops, Livestock and Fisheries across the 36 States and FCT	2,270,957,169.00	Appropriation, NADF, Development Partners, and Private sector	2023-2027	<del>FMAFS</del> , CBN, NARIs Private sectors, Development partners, Higher Institutions of Learning, States Min. of Agric., and farmer organizations
	To plan and implement extension activities with farmers, Research Institutes, and relevant stakeholders for effective implementation.	Support Technology Review Meetings and Workshops by the 6 Mandate Research Institutes and the State Agricultural Development Projects for adaptive research and dissemination of improved practices on new varieties.	192,000,000.00	Appropriation, NADF Development Partners	2023-2027	<del>FMAFS</del> , CBN, NARIs Private sectors, Development partners, Higher Institutions of Learning, States Min. of Agric., and farmer organizations
		Conduct regular National Agricultural Extension Development Committee Meetings	330,000,000.00	Appropriation	2023-2027	<del>FMAFS</del> , CBN, NARIs Private sectors, Development partners,

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Implementation Matrix:						
Goal	Objectives	Key Activity/project	Resources required (N)	Funding source	Time frame	Key Actors
						Higher Institutions of Learning, States Min. of Agric., and LGAs
	To inculcate agriculture as a vocation to thousands of young people.	Establish Junior Farmers, Field, and Life Schools in rural communities.	3,270,000,000.00	Appropriation, Development Partners	2023-2027	<del>FMAFS</del> , CBN, NARIs Private sectors, Development partners, Higher Institutions of Learning, States Min. of Agric., and LGAs
	To support 5000 farmers with on-hand training on new innovation in the agricultural value chains.	Build capacity and empower farmers to adopt improved and recommended agricultural practices in crops, livestock, fisheries, and horticulture	4,500,000,000.00	Appropriation, Development Partners, CBN, BOA, private sector	2023-2027	<del>FMAFS</del> , CBN, NARIs Private sectors, Development partners, Higher Institutions of Learning, States Min. of Agric., and farmer organizations

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Implementation Matrix:						
Goal	Objectives	Key Activity/project	Resources required (N)	Funding source	Time frame	Key Actors
	To empower hundreds of farmer groups in the sharing of extension knowledge	Build capacity of farmer-to-farmer extension and community-based advisors	72,000,000.00	Appropriation, Development Partners, CBN, BOA, Private sector	2023-2027	<del>FMAFS</del> , CBN, NARIs Private sectors, Development partners, Higher Institutions of Learning, States Min. of Agric., and farmer organizations
<b>Employment creation for youth in the agricultural extension system.</b>	To build the capacity and deploy young extension workers/ agri-prenure to provide advisory services to farmers in all the value chains.	Engage with the National Agricultural Research Institutes, the 37 Agricultural Development Projects in Nigeria to develop relevant agricultural extension and agribusiness modules for Agricultural Extension Workers Training.	118,000,000.00	Appropriation, NADF, Development Partners, CBN, BOA, Private sector	2023-2024	<del>FMAFS</del> , CBN, NARIs Private sectors, Development partners, Higher Institutions of Learning, States Min. of Agric., and farmer organizations

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Implementation Matrix:						
Goal	Objectives	Key Activity/project	Resources required (N)	Funding source	Time frame	Key Actors
Adoption of innovation by farmers for increased productivity	To improve the Extension Agent-Farm-Family Ratio	to train 1000 Nos. Extension workers/agents in LGs across the country	2, 111,000,000	Appropriation, Donor Partners, CBN	2023-2027	FMAFS, CBN, NARIs Private sectors, Development partners, Higher Institutions of Learning, States Min. of Agric., and farmer organizations
	To improve skills of youth in the agricultural value chains	Conduct training and empower youth extension service providers and existing extension workers in various value chains on extension practices and methodology, farmer field and business schools in the 36 States and the FCT.	19,852,349,338.00	Appropriation, Donor, NADF, Partners, CBN	2023-2027	FMAFS, CBN, NARIs Private sectors, Development partners, Higher Institutions of Learning, States Min. of Agric., and LGAs

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Implementation Matrix:						
Goal	Objectives	Key Activity/project	Resources required (N)	Funding source	Time frame	Key Actors
	To create a database of Extension Agents and Farm Family	Conduct A Village Listing Survey	108,000,000.00	Appropriation, Donor Partners, NADF, CBN	2023-2027	<del>FMAFS</del> , CBN, NARIs Private sectors, Development partners, Higher Institutions of Learning, States Min. of Agric., and farmer organizations
<b>Enhanced Accountability</b>	To provide technical backstopping and tracking of extension projects to ensure effective implementation	Conduct tracking of extension project under implementation and provide technical backstopping in the 36 States and FCT	288,000,000.00	Appropriation	2023-2027	<del>FMAFS</del> , CBN, NARIs Private sectors, Development partners, Higher Institutions of Learning, States Min. of Agric., and LGAs

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Implementation Matrix:						
Goal	Objectives	Key Activity/project	Resources required (N)	Funding source	Time frame	Key Actors
<b>Attain Pluralist Extension</b>	To increase private sector participation in extension delivery	To create a database of private extension service providers, farmer to farmer groups, commodity-based advisors and facilitators involved in extension services	404,513,150.00	Appropriation, Private Sector and Development Partners	2023-2024	FMAFS, CBN, NARIs Private sectors, Development partners, Higher Institutions of Learning, States Min. of Agric., and farmer organisations
	To improve leadership in the extension value chain	To build capacity in extension principles, methodology, standards, compliance, and service group dynamics.	75,000,000.00	Appropriation, Private Sector and Development Partners.	2023-2024	FMAFS, CBN, NARIs Private sectors, Development partners, Higher Institutions of Learning, States Min. of Agric., and farmer organizations
	To create job for extension service providers	To improve linkage to relevant extension organizations to improve the scope of services for private	40,000,000.00	Appropriation, Private Sector and Development Partners	2023-2024	FMAFS, CBN, NARIs, farmer organizations, Development partners,

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Implementation Matrix:						
Goal	Objectives	Key Activity/project	Resources required (N)	Funding source	Time frame	Key Actors
		extension service providers.				Higher Institutions of Learning, States Min. of Agric.
<b>Timely Delivery of Extension Projects</b>	To ensure efficiency and timely delivery of extension	Build capacity of staff on work ethics, extension practices and dissemination methodologies, extension project management. Standards and compliance.	90,000,000.00	Appropriation, Private Sector and Development Partners	2023-2025	FMAFS, CBN, NARIs Private sectors, Development partners, Higher Institutions of Learning, States Min. of Agric., and farmer organizations
		Provide working tools such as computers, printers, internet facilities and subscription.	1,150,000,000.00	Appropriation, Private Sector and Development Partners	2023-2025	FMAFS, CBN, NARIs Private sectors, Development partners, Higher Institutions of Learning, States Min. of Agric., and LGAs

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Implementation Matrix:						
Goal	Objectives	Key Activity/project	Resources required (N)	Funding source	Time frame	Key Actors
Up-to-date and timely information to farmers	To integrate electronic extension delivery services	Generate and distribute software for crop, livestock, and fisheries management.	10,407,560,312.00	Appropriation, NADF, Development Partners	2023-2025	FMAFS, CBN, NARIs Private sectors, Development partners, Higher Institutions of Learning, States Min. of Agric., and LGAs
		Deliver timely weather information, diseases, and epidemic, and good agricultural practices	166,375,762.00	Appropriation, Development Partners	2023-2024	FMAFS, CBN, NARIs Private sectors, Development partners, Higher Institutions of Learning, States Min. of Agric., and LGAs
		Establish/strengthen Electronic Farmer Learning Platforms.	75,000,000.00	Appropriation, Development Partners	2023-2024	FMAFS, CBN, NARIs Private sectors, Development partners, Higher Institutions of

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Implementation Matrix:						
Goal	Objectives	Key Activity/project	Resources required (N)	Funding source	Time frame	Key Actors
						Learning, States Min. of Agric., and farmer organizations
		Provide software for commodity and input price monitoring to farmers	45,000,000.00	Appropriation, NADF, CBN	2023-2024	<del>FMAFS</del> , CBN, NARIs Private sectors, Development partners, Higher Institutions of Learning, States Min. of Agric., and LGAs
	To upgrade the existing 6 National Farmers Helplines in the 6 geopolitical zones for efficiency	Upgrade 6 Zonal National Farmers Helpline Centres in NARIs and NAERLS	495,000,000.00	Appropriation	2023-2024	<del>FMAFS</del> , CBN, NARIs Private sectors, Development partners, Higher Institutions of Learning, States Min. of Agric., and farmer organizations

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Implementation Matrix:						
Goal	Objectives	Key Activity/project	Resources required (N)	Funding source	Time frame	Key Actors
		Source and initiate extension support suites and software for extension workers.	2,120,000,000.00	Appropriation, Private Sector and Development Partners	2023-2025	FMAFS, CBN, NARIs Private sectors, Development partners, Higher Institutions of Learning, States Min. of Agric., and farmer organizations
		Establish and support Agricultural Radio Stations using FM in the 6 geopolitical zones	1,742,500,000.00	Appropriation, Private Sector and Development Partners	2023-2027	FMAFS, CBN, NARIs Private sectors, Development partners, Higher Institutions of Learning, States Min. of Agric., and LGAs
		Train centre operators for efficiency and proper management of the centres	36,000,000.00	Appropriation, Private Sector and Development Partners	2023-2027	FMAFS, CBN, NARIs Private sectors, Development partners, Higher

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Implementation Matrix:						
Goal	Objectives	Key Activity/project	Resources required (N)	Funding source	Time frame	Key Actors
						Institutions of Learning, States Min. of Agric., and farmer organizations
	To increase access to agricultural information, training, inputs, mechanization services and markets	Establish and operationalize 2 One-stop agricultural extension delivery centres in each of the geopolitical zones	2, 750,000,000.00	Appropriation	2023-2024	FMAFS, CBN, NARIs Private sectors, Development partners, Higher Institutions of Learning, States Min. of Agric., and farmer organizations
<b>Improved Livelihood for Rural Household</b>	To increase access to jobs and income through creation of processing centres in the rural communities	To establish processing centres on the Livelihood Improvement Family Enterprise Programme	30,000,000,000.00	Appropriation, CBN, Private Sector, Development Partners	2023-2027	FMAFS, CBN, NARIs Private sectors, Development partners, Higher Institutions of Learning, States Min. of Agric., and

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Implementation Matrix:						
Goal	Objectives	Key Activity/project	Resources required (N)	Funding source	Time frame	Key Actors
						farmer organizations
		<b>Total</b>	<b>83,209,255,731.00</b>			

## 4.6 Livestock Development

Lead Organisation/Department: Federal Department of Animal Husbandry

IMPLEMENTATION MATRIX FOR ANIMAL HUSBANDRY						
Goal	Objectives	Key Activity/project	Resources required	Funding source	Timeframe	Key Actors
1.0 Enhanced Policy Coordination	To harmonize and re-focus key interventions for speedy livestock development	<del>FMAFS</del> to oversee the speedy implementation of programs and projects of National Livestock Transformation Plan (NLTP)	NIL		2022-2027	<del>FMAFS</del> , States, Development partners, farmer organizations, Private sector
2.0 Improved livestock productivity	Generate nation-wide knowledge and experiences in livestock development  Utilize models	Livestock Productivity and Resilience Support (L-PRES) Project	2,250,000,000	Loan	2022-2027	<del>FMAFS</del> , States, farmer organizations, Private sector, World Bank

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IMPLEMENTATION MATRIX FOR ANIMAL HUSBANDRY						
Goal	Objectives	Key Activity/project	Resources required	Funding source	Timeframe	Key Actors
	and good practices generated to support livestock transformation					
3.0 Dairy Transformation	i. To improve nutrition of dairy animals at minimal cost  ii. To increase milk production by 30% and processing by 50%	i. Fast track the harmonization and implementation of Animal Feed Development Programme	25,000,000,000	Appropriation, NADF, Special intervention, Development partners and PPP	2022-2027	FMAFS; ARCN; States; Development Partners; INGOs; CSOs, Research Institutions and Private Sector
	To Support the formation/establishment of 200 functional dairy cooperative societies and 1200 clusters	Support establishment of peri-urban and commercial dairy farms in strategic locations				
	To increase milk production by 30% and processing by 50%	i. Deploy innovative dairy extension services to farmers ii. Support the establishment of cold chain services to serve dairy industry iii. Train farmers/cooperatives on Savings and Loans				

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IMPLEMENTATION MATRIX FOR ANIMAL HUSBANDRY						
Goal	Objectives	Key Activity/project	Resources required	Funding source	Timeframe	Key Actors
		schemes				
4.0 Comprehensive Livestock breed improvement	<p>To upgrade indigenous breeds of cattle, sheep, and goats to generate 25% increase in meat production and 40% increase in hides and skins production.</p> <p>To increase domestic and export of fresh and processed meat by 30%</p>	<p>Support studies on pure indigenous dairy cattle</p> <p>Conduct sensitization and training on livestock fattening, AI and crossbreeding</p> <p>Establish private sector led modern Abattoirs and/or meat processing centers in 36 States and the FCT</p>	35,000,000,000	Appropriation, NADF, Special Intervention, Development partners and PPP	2022-2027	FMAFS, States, NAQS, Development Partners, Private Sector Investors and Research Institutions
5.0 Comprehensive livestock data management	<p>To generate comprehensive data to help policy direction in livestock development</p> <p>To utilize data generated to promote private investments in livestock value</p>	Implement National Animal Identification and traceability system	5, 000,000,000			

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IMPLEMENTATION MATRIX FOR ANIMAL HUSBANDRY						
Goal	Objectives	Key Activity/project	Resources required	Funding source	Timeframe	Key Actors
	chain  Utilize traceability data to support exports of meat and diary					
6.0 Enhanced Leather Production and Marketability	To increase quality and quantity of leather and leather products in Nigeria by 30%	i. Advocate improved animal husbandry practices ii. Capacity building of butchers, flayers, hides and skins traders and dealers in proper primary processing.  iii. Discourage the consumption of sheep and goat skins	70,000,000,000	Appropriation, Special intervention, Development partners and PPP	2022-2027	FMAFS; ARCN; FMSTI; FMFNP; NILEST; States; Development Partners; INGOs; CSOs, Research Institutions and Private Sector
	To increase level of investment in hides and skins trading and transportation sector	Encourage commercial and agricultural banks to provide small scale trading and storage and warehousing loans for skin traders				
	To reduce lack of tanning materials locally	i. Provide incentive to chemical companies that invest in the tanning materials production				

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<b>IMPLEMENTATION MATRIX FOR ANIMAL HUSBANDRY</b>						
<b>Goal</b>	<b>Objectives</b>	<b>Key Activity/project</b>	<b>Resources required</b>	<b>Funding source</b>	<b>Timeframe</b>	<b>Key Actors</b>
		ii. Support for establishment of acacia plantation and products improvement				
	To develop effluent management system	i. Revise effluent policy and include Incentive to leather in the revised policy ii. Provide training to effluent policy enforcement officers				
	Reduce documentation requirement for EEG and improve EEG administration	i. NEPC to set EEG review committee ii. Support FLG practitioners to form business groups that will assist individual players to access the fund. iii. Training institution to provide modules for training FLG practitioners				
	To increase industrial market price of hides for the leather goods sector (compared to prices of Ponmo)	i. Identify and sensitize training institutions/service providers ii. Support to development of training modules and				

IMPLEMENTATION MATRIX FOR ANIMAL HUSBANDRY						
Goal	Objectives	Key Activity/project	Resources required	Funding source	Timeframe	Key Actors
		conducting training iii. Set committee to review hides and skins regulation				
	To improve incentives from the public sector to the finished leather goods	i. Support the creation of Nigerian Fashion group ii. Provide other well thought support to the production of FLG other than EEG iii. Increase the tariff for imported FLG				
7.0 Attain Hygienic Processing and Sustainable Beef Production	To develop business models to massively increase beef production by 30% with 400 feedlots, 50 integrated meat units and 700 - 900 settled smallholder beef cooperatives	i. Support establishment of prototype private sector led feedlots and modern Abattoirs, developing 40-50 integrated meat units ii. Build 50-60 combined dairy-meat farms iii. Establish 700-900 settled smallholder cooperatives	60,000,000,000	Appropriation, Special intervention, Development partners and PPP	2022-2027	FMAFS; ARCN; FMH; FMHA&DM; States; Development Partners; Farmer organizations, INGOs; CSOs, research institutions and Private Sector

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IMPLEMENTATION MATRIX FOR ANIMAL HUSBANDRY						
Goal	Objectives	Key Activity/project	Resources required	Funding source	Timeframe	Key Actors
	To unlock productivity gains through improved genetics and feed	i. Use improved breeds to increase cattle productivity ii. Improve existing breeds iii. Develop new crossbreeds iv. Promote innovative breeding methods				
	To upgrade slaughterhouses	i. Support the private investments in modernizing abattoirs ii. Upgrade slaughterhouses				
	To use intersecting reforms for sustainability	i. Form industry body for coordination and knowledge dissemination ii. Set strict safety and environmental legislation and enforce standards iii. Manage live cattle and processed beef imports.				
8.0 Enhanced Sheep and Goat production, processing, and	To increase the population and productivity of	Promote open and closed nucleus breeding techniques	30,000,000,000	Appropriation, Special intervention,	2022-2027	<b>FMAFS</b> ; ARCNI; FMH; FMHA&DM; States; Development Partners; Farmer organizations, INGOs; CSOs;

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<b>IMPLEMENTATION MATRIX FOR ANIMAL HUSBANDRY</b>						
<b>Goal</b>	<b>Objectives</b>	<b>Key Activity/project</b>	<b>Resources required</b>	<b>Funding source</b>	<b>Timeframe</b>	<b>Key Actors</b>
marketing	sheep and goat by 25% through upgrade of the genetic profile of the local sheep and goat breeds	<ul style="list-style-type: none"> <li>among sheep and goat association/group.</li> <li>ii. Promote private sector led animal husbandry services and input delivery to rural-based farmers,</li> <li>iii. Strengthening the capacity of sheep and goat farmers/producers, processors and distributors to increase production and productivity</li> <li>iv. Establish prototype climate smart elevated house and ancillaries using local materials</li> <li>v. Organize and profile stakeholders along the sheep and goat value chain</li> <li>vi. Promote linkage of sheep and goat farmers to productivity enablers</li> <li>vi. Capacity building on Good Animal Husbandry Practices (GAHPs) with</li> </ul>		Development partners and PPP		Private Sector

<b>IMPLEMENTATION MATRIX FOR ANIMAL HUSBANDRY</b>						
<b>Goal</b>	<b>Objectives</b>	<b>Key Activity/project</b>	<b>Resources required</b>	<b>Funding source</b>	<b>Timeframe</b>	<b>Key Actors</b>
		Standard Operating Procedures (SOPs) and good hygienic practices for processors, butchers, retailers, marketers and transporters.				
		vii. Organize and register sheep and goat breeders/fattening associations/cooperatives among producers and traders in the various marketing regions nationwide through innovative private sector led initiatives				
		viii. Link sheep and goat farmers' cooperative associations with finance institutions to enhance their ability to obtain financing and associated facility.				
	Improvement of Sheep and Goat Meat processing in	ix. Provide link to finance for mini abattoir and standard retail shop				

IMPLEMENTATION MATRIX FOR ANIMAL HUSBANDRY						
Goal	Objectives	Key Activity/project	Resources required	Funding source	Timeframe	Key Actors
	the Abattoirs and slaughter slabs	development for the supply of wholesome chevon and mutton				
	To supply additional quality skins to the leather industry	Increase processing of skins for exports				
	To popularize and encourage the use of sheep and goat milk	Organize and register sheep and goat breeders' associations/cooperatives through innovative private sector led initiatives for sheep and goat milk production especially in view of their health benefits and as raw material for pharmaceutical and cosmetic industry.				
9.0 Promote Donkey Production	To promote increased production of donkeys to avert extinction, from current 1.2 million to 2million donkeys in 5 years (62%)	Conduct massive public campaign on donkey production and protection, ii. Identification profiling and registration of donkey farmers, iii. Capacity building	5,000,000,000	Appropriation, Special intervention, Development partners and PPP	2022-2027	FMAFS; NAPRI; States; Development Partners; Farmer organizations, INGOs; CSOs; Private Sector

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IMPLEMENTATION MATRIX FOR ANIMAL HUSBANDRY						
Goal	Objectives	Key Activity/project	Resources required	Funding source	Timeframe	Key Actors
		of existing and prospective donkey farmers on Good Animal Husbandry Practices, iv. Formation of donkey value chain cooperatives in the 36 states and FCT v. Procurement and distribution of breeding jennys and feed to smallholder donkey farmers in predominant production states vi. Support to NAPRI for research into specifics for donkey breeding and management.				
10.0 Poultry Transformation	Promote the development of parent stock (state number to be attained)  Achieve 50% increase in the production of quality and cost-	Encourage the setting up of commercial farms for breeding parent stock poultry  ii. Implement Rural poultry production improvement scheme  iii. Mobilize farmers' cooperative and	20,000,000,000	Appropriation, Special intervention, Development partners and PPP	2022 - 2027	FMAFS, States, Value Chain Associations Private sector investors

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IMPLEMENTATION MATRIX FOR ANIMAL HUSBANDRY						
Goal	Objectives	Key Activity/project	Resources required	Funding source	Timeframe	Key Actors
	effective poultry Sufficiency in egg and poultry meat production Sustainable Egg powder production	commercial farmers for massive production of broilers (including Noilers) and layers  iv. Promote the setting up of small and medium feed-mills for production of commercial livestock feeds  Establishment of cottage poultry processing centers.  Implement commercial Rabbit, Glasscutters, Honeybee and snail production scheme				
11.0 Rejuvenate Pig production	Increased production of good quality pig and pig products by 20% for local and international markets	Support to commercial breeding of pigs  ii. Establishment of pig processing centers in strategic	10,000,000,000	Appropriation, Special intervention, Development partners and PPP	2022-2027	FMAFS, States, Pig Value Chain Associations.

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IMPLEMENTATION MATRIX FOR ANIMAL HUSBANDRY						
Goal	Objectives	Key Activity/project	Resources required	Funding source	Timeframe	Key Actors
		locations of comparative advantage  iii. Support to formation of pig farmers clusters for interventions				
12.0 Enhanced Micro Livestock production	Enhanced commercial production by 20%	Input support for commercial rabbit production ii. Support to formation of rabbit farmers cooperatives and clusters iii. Linkage of rabbit farmers to markets	5,000,000,000	Appropriation, Special intervention, Development partners and PPP	2022-2027	FMAFS, States, Value Chain Associations.
13.0 Strengthened Livestock regulatory agencies	To promote commercialization and quality assurance of Livestock and Livestock products		5,000,000,000	Appropriation, Special intervention, Development partners and PPP	2022-2027	FMAFS, States, Snail value chain Associations
14.0 Rejuvenate Honey production and processing	Promotion of production of honey bee for pure honey and other products	Technical support to beekeepers ii. Input support to registered beekeepers iii. Capacity building	5,000,000,000	Appropriation, Special intervention, Development partners and PPP	2022-2027	FMAFS, States, Beekeepers Association

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IMPLEMENTATION MATRIX FOR ANIMAL HUSBANDRY						
Goal	Objectives	Key Activity/project	Resources required	Funding source	Timeframe	Key Actors
		of beekeepers on hygienic practices				
15.0 Comprehensive Strategic Animal Feeds Development	To increase production of animal feed by 70%	<p>Implement National Pasture Development Programme (NAPDEP)</p> <p>Promote the setting up of small and medium feed mills For production of commercial livestock feeds</p> <p>ii. Harnessing and conservation of alternative feed ingredients</p> <p>iii. Establishment of strategic animal feed reserves</p> <p>iv Development of a National Animal Feed Policy</p>	<p>25,770,350,000</p> <p>10,000,000,000</p>	Appropriation, Special intervention, Development partners and PPP	2022-2027	FMAFS, States, Development partners, FMITI, Feed Industry Practitioners

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#### 4.7 Comprehensive Animal Health, Veterinary Public Health and Transboundary Pests Control

**Lead Organization/Department: Federal Department of Animal Health**

Goal	Objectives	Key Activity/project	Estimated Resources required	Funding source	Time frame	Key Actors
Comprehensive Animal Health and Disease Management	To improve trade on animal and animal products at the international market	Fast track the issuance of ISO Certification of 2nos laboratories in selected VTHs	250,000,000.00	Appropriation, NADF, Development partners, private sector	2022-2025	FMAFS, NVRI WOAH, VTHs FAO and AU-IBAR
		Develop a programme to facilitate the operationalization and realisation of the benefits of African Continental Free Trade Area (AfCFTA) agreement and Global Trade in animals and animal products	140,000,000.00	Appropriation, private sector, and Development partners	2022-2027	FMAFS, FMFB&NP, FMT&I, SON, FAO and ECOWAS
		Conduct training and stakeholders engagements (Private & Public Veterinarians, Farmers, Producers to enhance knowledge and compliance to Sanitary and Phytosanitary Standards)	350,000,000.00	Appropriation, NADF, and Development partners	2023-2026	FMAFS, States, ARCN, Farmer organizations and Private sector

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Goal	Objectives	Key Activity/project	Estimated Resources required	Funding source	Time frame	Key Actors
	To eradicate major Transboundary Animal Diseases (TADs) in line with the global target for the prevention, control, and eradication of major TADs	Implement National programmes for the Control and Eradication of Peste des petits Ruminants (PPR), Foot and Mouth Disease (FMD), African Swine Fever (ASF), and Contagious Bovine Pleuropneumonia (CBPP)	4,850,000,000.00	Appropriation, States, NADF, NAQS, Development partners, and PRIVATE SECTOR	2023-2027	<del>FMAFS</del> , SMOA/L, ARCN, NAQS, FAO, NVRI, L-PRESS, farmer organisations, and Private sector
	To Establish a robust programme for upscaling Surveillance of Transboundary Animal Diseases (TADs) in order to ensure prompt detection and respond to animal disease outbreaks	1. Conduct of Needs Assessment /Reactivation of Surveillance Points 2. Conduct training for Surveillance Agents and conduct of passive and active disease surveillance in terrestrial, wild, and Aquatic animals	926,864,700.00	Appropriation, states, NVRI, VTHs, WOAAH, FAO and AU-IBAR	2023-2027	<del>FMAFS</del> , states, NVRI, VTHs, WOAAH, FAO and AU-IBAR, Farmers

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Goal	Objectives	Key Activity/project	Estimated Resources required	Funding source	Time frame	Key Actors
	To enhance capacity in animal health practice and standard operating procedures for handling of wildlife diseases	1. Development of technical guidelines and standard operating procedures on wildlife disease surveillance and control in Nigeria 2. Conduct training and stakeholder engagement on the implementation of guidelines and procedures	265,198,000.00	Appropriation, States, farmer organizations, development partners	2023-2024	<del>FMAFS</del> , states, farmer organizations and private sector
		Provision of Open Data Kit (ODK) facilities for wildlife disease reporting and information management	625,852,941.00	Appropriation & FMIC, States, development partners	2023-2027	<del>FMAFS</del> , FMIC, States, and farmer organizations
	To set up an effective disease investigation system and reporting for early disease detection and response	Implementation of wildlife associated Emerging Infectious Diseases (EIDs) surveillance programme and Capacity Building of wildlife surveillance agents on wildlife disease reporting	385,000,000.00	Appropriation, States, development partners, private sector	2024-2027	<del>FMAFS</del> , FMIC, States and farmer organizations
		Sensitization/Awareness Creation on Socio-Economic Importance of Wildlife Diseases through Production and airing of Radio and TV Jingles on Wildlife Diseases and TADs	417,000,000.00	Appropriation, FMIC, States, development partners and farmer organizations	2024-2026	<del>FMAFS</del> , FMIC, states and farmer organizations

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Goal	Objectives	Key Activity/project	Estimated Resources required	Funding source	Time frame	Key Actors
		Training of Livestock farmers/pastoralists, Veterinarians and Veterinary Para-Professionals on Clinical Ambulatory services and basic animal disease prevention and control techniques	580,351,879.00	Appropriation, NADF and Development partners	2023-2026	<del>FMAFS,</del> SMoA, ARCN, VTHs,
	To ensure accessibility of animal and animal products to the international Market through the Establishment of Disease-Free zones and compartments	Construction/Rehabilitation and Equipping of veterinary facilities (Abattoir, fencing of livestock markets, live bird markets, Veterinary Clinics) and Provision of Laboratory diagnostic Reagents at the 2nos pilot disease free zones in selected states	1,780,351,879.00	Appropriation, States, NVRI, Development partners and Private Sector	2023-2025	<del>FMAFS,</del> SMoA/L, NVRI, Development partners and Private Sector

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Goal	Objectives	Key Activity/project	Estimated Resources required	Funding source	Time frame	Key Actors
	To ensure national coverage of vaccination against vacciable TADs (at least 70% of the target population)	Provision of adequate FMD, CBPP, NCD and PPR Vaccines assorted vaccination equipment and consumables as well as support with logistics for the conduct of field vaccination exercise against TADs in 36 States and FCT	1,608,693,997.00	Appropriation, NVRI, Pastoralist, Development partners and Private Sector	2023-2027	<del>FMAFS,</del> States, NVRI, Livestock Farmers, Pastoralist, Development partners and Private Sector
	To ensure accessibility of Nigerian fisheries and aquatic animal products to the international Market through the Development of programmes on aquatic health and surveillance system	Development and validation of SOPs and implementation of programme on aquatic animal health and surveillance system	220,597,000.00	Appropriation, states, ARCN, NVRI, Development Partners and Private Sector.	2023-2027	<del>FMAFS,</del> states, ARCN, NVRI, Development Partners and Private Sector.

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Goal	Objectives	Key Activity/project	Estimated Resources required	Funding source	Time frame	Key Actors
	To strengthen the diagnostic capacity of veterinary laboratories for prompt and effective disease detection and diagnosis	Establishment of 6nos regional veterinary diagnostic laboratories, 1no aquatic animal disease diagnostic centre and equipping of central veterinary reference laboratory and 11nos Veterinary Teaching Hospitals (VTHs) laboratories	2,200,000,000.00	Appropriations, NVRI, VTHs, FAO, AfDB and Private Sector	2024-2026	FMAFS, NVRI, VTHs, FAO and Private Sector
	To Implement Veterinary Infrastructure Development Programme for improved livestock production and productivity.	Establishment of critical Veterinary infrastructure: Construction and equipping of 5Nos Federal Veterinary Medical Centres (FVMC), (ii) Construction and equipping of 50Nos Primary Animal Health Centre's (PAHCs), (iii) Construction of 10nos Standard Live Bird Markets (iv) Upgrading the standard of 5nos Abattoir/Slaughter House in selected states	4,875,000,000.00	Appropriation, states, Private Sector, development partners	2023-2027	FMAFS, states, ALGON and Private Sector, NEC, Governor's Forum

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Goal	Objectives	Key Activity/project	Estimated Resources required	Funding source	Time frame	Key Actors
	To reduce the incidence and spread of zoonotic diseases across the country	(i) Implementation of National One Health Initiative (Animal Health Component) Conduct of screening for Brucellosis & bovine TB, (ii) production of National strategic plan for elimination of dog mediated human Rabies in Nigeria in line with the Global target for Rabies eradication by 2030	1,385,900,907.00	Appropriation, states, private sector, ARCN, development partners	2023-2026	<del>FMAFS</del> , states, FMOH, FMEnv, private sector, ARCN
		Implementation of programme for the Prevention and Control of Emerging and Re-emerging zoonotic diseases of Veterinary Public Health importance	248,000,000.00	Appropriation, states, private sector, ARCN	2023-2026	<del>FMAFS</del> and States, private sector, ARCN
	To facilitate the involvement of private sector in the provision of quality veterinary service delivery to livestock	Support the establishment of private veterinary health care service Centres for health management services and implementation of sanitary mandate programme	860,000,000.00	Appropriations, states, BOA, BOI, FAO, AU-IBAR and Private Sector	2023-2027	<del>FMAFS</del> and States, BOA, BOI, FAO, AU-IBAR and Private Sector

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Goal	Objectives	Key Activity/project	Estimated Resources required	Funding source	Time frame	Key Actors
	farmers and pastoralists					
	To improve dairy health management for enhanced productivity of dairy cows	Provision of dairy Animal health, Artificial Insemination Service Equipment, and engagement of Service Providers for the conduct of insemination of cows in 20nos selected States	2,350,906,400.00	Appropriation, states, farmers associations, development partners and Private Sector	2023--2027	<del>FMAFS</del> , States, farmers associations and Private Sector
	To promote food safety through provision of wholesome and hygienic milk and its products for human consumption.	Advocacy and Awareness Creation on Food Safety for dairy value chain actors and Sensitization of farmers/processors on Standard Operating Procedure (SOP) for Production, Processing and Distribution of healthy milk	210,772,000.00	Appropriation, states, private sector, development partners, AU-IBAR	2023-2025	<del>FMAFS</del> , and states, private sector, ARCN, FAO, AU-IBAR

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Goal	Objectives	Key Activity/project	Estimated Resources required	Funding source	Time frame	Key Actors
	To enhance the quality of meat for human consumption	Provision of adequate sets of Meat Inspection kits to support renovated Abattoirs/Slaughterhouses in 26nos selected States	2,349,064,000.00	Appropriations, states, private sector	2023-2026	<del>FMAFS</del> , and States, private sector
	by 30% and commence formal exportation of livestock products for foreign exchange earnings	Building capacity of Veterinarians, Community Animal Health Workers, and Abattoir workers/butchers on Standard Operating Procedures (SOP) for slaughter and hygienic processing of meat in selected States	290,855,864.00	Appropriations, states, and Private Sector	2023--2025	<del>FMAFS</del> , States, and Private Sector
	To improve a robust legal and regulatory framework for mitigating Anti- Microbial Resistance for detection, prevention and control of Antimicrobial Resistance (AMR) in the livestock sector	Fast track the development of National Policy on Anti-Microbial Resistance and Use (AMR/U) and conduct of nationwide surveillance in Poultry Farms, food-producing Animals (Cattle and Swine, Aquaculture, and animal processing Centres	351,355,864.00	Appropriation, states, VTHs and Private Sector, Development Partners	2023--2026	<del>FMAFS</del> , States, VTHs and Private Sector

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Goal	Objectives	Key Activity/project	Estimated Resources required	Funding source	Time frame	Key Actors
		Development and implementation of National Residue Monitoring & Control Plan for food of animal origin.	430,000,000.00	Appropriation, states, Development Partners, and Private Sector	2023-2027	<del>FMAFS</del> , States, VTHs and Private Sector, Development partners
		Development of National Animal Welfare Standard and Implementation Guidelines	120,200,000.00	Appropriation, states, Development partners and Private Sector	2023-2024	<del>FMAFS</del> , States, VTHs and Private Sector
	To create awareness and sensitize relevant stakeholders on quarantine measures and protocols thereby preventing disease outbreaks	Accreditation of Veterinary Programmes and Capacity Building of Stakeholders on animals and animal products for certification	385,509,600.00	Appropriation, states, Development partners and Private Sector	2023-2027	<del>FMAFS</del> , States, VCN, ARCN
Establish a robust and resilient transboundary Pests Surveillance and control	To mitigate the destructive effect of pests on crops and livestock thereby guaranteeing	Strengthen Regional, and international partnerships in the surveillance and control of pests	400,000,000.00	Appropriations, states, NNJC, ECOWAS	2023-2027	<del>FMAFS</del> , FME, states, NNJC, ECOWAS
		Nigeria-Niger Joint Commission (NNJC) for bilateral collaboration on	264,000,000.00	Appropriations, states, NNJC, ECOWAS	2023-2027	<del>FMAFS</del> , FMF, States, NNJC, ECOWAS

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Goal	Objectives	Key Activity/project	Estimated Resources required	Funding source	Time frame	Key Actors
system	food and nutrition security	transboundary pest control				
	To strengthen national response to transboundary pests	Implementation of surveillance and monitoring Programs for the prevention and control of migratory birds and other pests of crops and livestock and Pesticides Quality Control and Certification	1,990,000,000	Appropriation, states, NAQS, ECOWAS,	2023-2027	<del>FMAFS,</del> NAQS, States, ECOWAS
		Provision of adequate Assorted Chemicals/Pesticides/Spraying equipment and Deployment of flight services for the Control of Transboundary Pests in Twelve (12) frontline states	3,824,899,513.00	Appropriation, states, NAQS, ECOWAS	2023-2027	<del>FMAFS,</del> NAQS, states, ECOWAS, FMA
	To build capacity of stakeholders on safe handling and responsible	capacity Building of pest control stakeholders on Vector Control and Current Prospecting Techniques on Tsetse	140,000,000.00	Appropriations, states, farmer organizations, private sector	2024-2026	<del>FMAFS,</del> States, farmer organizations, private sector, development partners

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Goal	Objectives	Key Activity/project	Estimated Resources required	Funding source	Time frame	Key Actors
	use of pesticides in line with global best practices	Upgrading of Pest Control facilities in Kaduna and Vom, Plateau states	240,000,000.00	Appropriations, states, farmer organizations, private sector	2024-2027	FMAFS, States, farmer organizations, private sector, development partners
Comprehensive Animal data for Risk management and Animal Disease Prevention and Control purposes	To generate comprehensive data on livestock for value chain development and public policy	1. Fast track the implementation of Animal Identification and traceability system (NAITS) 2. Align NAITS with National Animal Disease Information, certification, and Surveillance	2,679,450,000.00	Appropriations, ADF, states, NCC, development partner, farmer and market organization, private sector Partner	2023-2027	FMAFS, States and farmer and market organization, private sector
		Maintenance of the Electronic Certification system	285,000,000.00	Appropriation, states, and farmer and market organization, private sector	2023-2027	FMAFS, states and farmer and market organization, private sector, development partners

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Goal	Objectives	Key Activity/project	Estimated Resources required	Funding source	Time frame	Key Actors
		Capacity Building of veterinarians, Lab technologists and other relevant Stakeholders on Standardization and certification processes for Animal and Animal Products in Selected States	124,753,944.00	Appropriation, states, Development partners	2023-2027	<del>FMAFS</del> , states, Development partners
	To improve safety, quality and quantity of Honey and other Hive products for domestic, Intra-Africa and international markets	Establishment of adequate honey bee wax collection and certification centers for exports in selected states	579,482,655.00	Appropriation, states, farmer and market organization, private sector	2023-2027	<del>FMAFS</del> , states, farmer and market organization, private sector, development partners
		Capacity Building of Bee keepers, processors, packers, veterinarians, Lab technologists and other relevant Stakeholders and Provision of Input to support Honey and Beeswax Exporters in selected states	260,883,000.00	Appropriation, states, farmer and market organization, private sector	2023-2027	<del>FMAFS</del> , states and farmer and market organization, private sector, development partners
		Development and implementation of a National Residue Monitoring Plan (NRMP) for Export of Honey and Beeswax	142,246,056.00	Appropriation, states, farmer and market organization, private sector	2023-2025	<del>FMAFS</del> , states and farmer and market organization, private

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Goal	Objectives	Key Activity/project	Estimated Resources required	Funding source	Time frame	Key Actors
						sector, development partners
	To build capacity of veterinary professionals to enforce veterinary laws, regulations, and guidelines.	Conduct National Workshop on Implementation and Enforcement of Veterinary standards, Regulations, Policy and Guidelines in Animal and Animal products, certification, Poultry and Hatchery	244,000,000.00	Appropriations, states, and farmer and market organization, private sector	2024-2025	<del>FMAFS</del> , states and farmer and market organization, private sector
	To develop guidelines, policy and legislation on animal welfare, zoonotic diseases prevention and control	Development of Guidelines, Policy, Legislation on Animal Welfare and National Meat Inspection (Abattoir and slaughter slab) regulations	382,000,000.00	Appropriations, states, development partners, NVRI, VTHs, FAO and Private Sector	2024-2025	<del>FMAFS</del> , states, NVRI, VTHs, FAO and Private Sector
		Conduct National Stakeholders Sensitization Workshop on Guidelines, Policy, Legislation on Animal Welfare and National Meat Inspection (Abattoir and slaughter slab) regulations	172,500,000.00	Appropriations, states, farmer and market organization, private sector	2023-2025	<del>FMAFS</del> , states and farmer and market organization, private sector, development partners

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Goal	Objectives	Key Activity/project	Estimated Resources required	Funding source	Time frame	Key Actors	
	To ensure availability and sufficiency of quantity and quality of hides and skin for the Nigerian Leather industry for local demand and for exports	Implementation of Hides and Skin programmes in line with National Policy on Leather and leather products	1,320,000,000.00	Appropriations, states, farmer and market organization, private sector, and ARCN	2023-2025	<del>FMAFS</del> , states and farmer and market organization, private sector, ARCN	Deleted[Onilogbo, Omobolanle (IFPRI-Nigeria)]: FMARD
		Establishing Skin and hides collection and inspection centers in the 6 geopolitical zones.	1,378,480,000.00	Appropriations, states, farmer and market organization, private sector	2023-2025	<del>FMAFS</del> , states, farmer and market organization, private sector	Deleted[Onilogbo, Omobolanle (IFPRI-Nigeria)]: FMARD
		Regulation of import/export market activities in line with the national economic development plan objectives.	182,006,000	Appropriations, states, farmer, and market organization and private sector	2023-2026	<del>FMAFS</del> , states, farmer and market organization and private sector	Deleted[Onilogbo, Omobolanle (IFPRI-Nigeria)]: FMARD
		Promoting collaborative research between the industry and academia to facilitate knowledge/skill transfer	126,434,000	Appropriations, states, farmer and market organization, private sector and ARCN	2023-2026	<del>FMAFS</del> , states, farmer and market organization, private sector, ARCN, development partners	Deleted[Onilogbo, Omobolanle (IFPRI-Nigeria)]: FMARD
		Development of Standard Operating Procedures (SOPs) on Hides and Skins in the Abattoirs/Slaughterhouses	128,560,000	Appropriations, states, farmer and market organization, private sector, ARCN	2023-2025	<del>FMAFS</del> , states, farmer and market organization,	Deleted[Onilogbo, Omobolanle (IFPRI-Nigeria)]: FMARD

Goal	Objectives	Key Activity/project	Estimated Resources required	Funding source	Time frame	Key Actors
		across the Country				private sector, ARCN, development partners
		Establishing and Updating Data Base Hides and Skins through Nationwide Survey and Stakeholders Mapping	125,000,000.00	Appropriations, states, development partners, farmer and market organization, private sector, ARCN	2023-2027	<del>FMAFS</del> , states, farmer and market organization, private sector, ARCN
			<b>43,596,263,799.00</b>			

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## 4.8 Strengthening of Value Chain for Priority Crops

Lead Organisation/Department For Value Chains: FDA

Priority Crops for Self-Sufficiency						
Goal	Objectives	Key Activity/project	Resources required (N)	Funding source	Time frame	Key Actors
<b>1. To fast-track rice revolution for self-sufficiency</b>	1. Increase rice production by 50% 2. Enhance quality and competitiveness of milled rice	Provision of adequate quality Inputs for accelerated Rice Production	102,500,000,000.00	Annual Appropriation, NADF, states, NASC, development partners, Special Intervention, private sector	2022-2027	<del>FMAFS</del> , states, NAERLS, ARCN, IARC, ADPs, CSOs, Development Partners, NARIs organized farmers group, Commodity Association, Market

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Priority Crops for Self-Sufficiency						
Goal	Objectives	Key Activity/project	Resources required (N)	Funding source	Time frame	Key Actors
						Associations
		Coordination of the production of 1.6MT of breeder seeds and 38.85MT of Foundation Seeds to produce 929.20 MT certified seeds	7,500,000.00	Annual appropriation, states, NASC, NARIS, development partners, Special Intervention, private sector	2022-2027	NASC, <del>FMAFS</del> , NARIS, ARCN, Seed Companies, Private Sector
		Certification of 390Ha of Breeder Seed field 1,950Ha of Foundation Seeds Field and 19,500Ha of certified Seed fields for quality assurance	1,365,000,000.00	Appropriation of <del>FMAFS</del> and MWR, states, NASC, NARIS, development partners, Special Intervention, private sector	2022-2027	NASC, <del>FMAFS</del> , NARIS, ARCN, Seed Companies, Private Sector

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Priority Crops for Self-Sufficiency						
Goal	Objectives	Key Activity/project	Resources required (N)	Funding source	Time frame	Key Actors
		Development of Irrigation for Accelerated Rice Production	256,250,000,000.00	Annual Appropriation, MWR & states development partners, Special Intervention, BOA, private sector	2022-2027	FMAFS, MWR, states, & Investment promotion agencies, NAERLS, ARCN, IARC, ADPs, CSOs, Development Partners, NARIs organized farmers group, Commodity Association, Market Associations
		Facilitate the Deployment of mechanization services for Accelerated Rice Production	125,000,000.00	Annual Appropriation, states development partners, Special Intervention, private sector	2022-2027	FMAFS, states, & Investment promotion agencies, NAERLS, ARCN, IARC, ADPs, CSOs, Development Partners, NARIs organized farmers group, Commodity Association, Market Associations

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Priority Crops for Self-Sufficiency						
Goal	Objectives	Key Activity/project	Resources required (N)	Funding source	Time frame	Key Actors
		Facilitate access to finance and markets in collaboration with MDAs	200,000,000.00	Annual Appropriation, states, development partners, Special Intervention, BOA, BOI, MFIs, private sector	2022-2027	FMAFS, states, NAERLS, ARCN, IARC, ADPs, CSOs, Development Partners, NARIs organized farmers group, Commodity Association, Market Associations
		Development of Rice aggregation and Storage Facilities at Rice Processing Clusters and linked with large processors/markers	300,000,000.00	Annual Appropriation, states, development partners, BOA, BOI, private sector	2022-2027	FMAFS, states, NAERLS, ARCN, IARC, ADPs, CSOs, Development Partners, NARIs organized farmers group, Commodity Association, Market Associations
<b>2. Maize production for self-sufficiency and import substitution</b>	To increase maize production and enhance trade opportunities by 30% to enhance food and nutritional security	Production and Distribution of 259 tons of BR-9928-DMR & BR-9944-DMR by IAR & T Ibadan against Fall Armyworm menace in Maize Field	467,600,000.00	Annual Appropriation, NADF, development partners, Special Intervention, private sector	2022-2027	FMAFS, states, NAERLS, ARCN, IARC, ADPs, CSOs, Development Partners, NARIs organized farmers group, Commodity Association, Market

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Priority Crops for Self-Sufficiency						
Goal	Objectives	Key Activity/project	Resources required (N)	Funding source	Time frame	Key Actors
						Associations
		Coordination of the production of 96.99MT of Breeder Seeds, 1,744MT of Foundation Seeds to produce 259MT of Br9928-DMR and BR-9944-DMR certified seeds.	7,500,000.00	Annual Appropriation, NASC, NARIS, ARCN, SEED Companies, Development Partners	2022-2027	NASC, <del>FMAFS</del> , NARIS, ARCN, Seed Companies
		Certification of 87Ha of seed fields for the three classes (BS, FS, CS) to produce 259MT of Br9928-DMR and BR-9944-DMR certified seeds.	5,437,500.00	Annual Appropriation, NASC, NARIS, ARCN, SEED Companies, Development Partners	2022-2027	NASC, <del>FMAFS</del> , NARIS, ARCN, Seed Companies

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Priority Crops for Self-Sufficiency						
Goal	Objectives	Key Activity/project	Resources required (N)	Funding source	Time frame	Key Actors
		Production and distribution of 259 tons of TELA, Foundation Seed by Research Institutes to control Fall Armyworm menace in Maize Field	568,400,000.00	Annual Appropriation, states, development partners, BOA, BOI, private sector	2022-2027	FMAFS, states, NAERLS, ARCN, IARC, ADPs, CSOs, Development Partners, NARIs organized farmers group, Commodity Association, Market Associations
		Coordination of the production of 96.99MT of Breeder Seeds, 1,744MT of Foundation Seeds to produce 259MT of TELA foundation seed	7,500,000.00	Annual Appropriation, NASC, NARIS, ARCN, SEED Companies, Development Partners	2022-2027	NASC, FMAFS, NARIS, ARCN, Seed Companies
		Certification of 87Ha of seed fields to produce 259MT of TELA foundation seed	5,437,500.00	Annual Appropriation, NASC, NARIS, ARCN, SEED Companies, Development Partners	2022-2027	NASC, FMAFS, NARIS, ARCN, Seed Companies

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Priority Crops for Self-Sufficiency						
Goal	Objectives	Key Activity/project	Resources required (N)	Funding source	Time frame	Key Actors
		Provision & distribution of 518 tons of Certified Pro-Vitamin A maize seed by Seed companies	518,000,000.00	Annual Appropriation, states, development partners, BOA, BOI, private sector	2022-2027	FMAFS, states, NAERLS, ARCN, IARC, ADPs, CSOs, Development Partners, NARIs organized farmers group, Commodity Association, Market Associations
		Coordination of the production of 193.98MT of Breeder Seeds, 3,488MT of Foundation Seeds to produce 518MT of TELA foundation seed	15,000,000.00	Annual Appropriation, NASC, NARIS, ARCN, SEED Companies, Development Partners	2022-2027	NASC, FMAFS, NARIS, ARCN, Seed Companies
		Certification of 174Ha of seed fields to produce 518MT of TELA foundation seed	10,875,000.00	Annual Appropriation, NASC, NARIS, ARCN, SEED Companies, Development Partners	2022-2027	NASC, FMAFS, NARIS, ARCN, Seed Companies
		Establishment of Demonstration plots for the promotion of vitamin A Maize production in each of	210,000,000.00	Annual Appropriation, states, development partners, ARCN,	2022-2027	FMAFS, states, NAERLS, ARCN, IARC, ADPs, CSOs, Development Partners, NARIs

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Priority Crops for Self-Sufficiency						
Goal	Objectives	Key Activity/project	Resources required (N)	Funding source	Time frame	Key Actors
		the 6 Geo-Political Zones of the Federation		BOA, NIRSAL, private sector		organized farmers group, Commodity Association, Market Associations
		Technical and Knowledge Transfer on Good Agronomic Practices to farmers for increase in Maize yield	210,000,000.00	Annual Appropriation, development partners, ARCN, private sector	2022-2027	FMAFS, states, Universities, NAERLS, ARCN, IARC, ADPs, CSOs, Development Partners, NARIs organized farmers group, Commodity Association, Market Associations
		Production and Distribution of adequate Afla-safe Inoculants to farmers for food safety and healthy nutrition	492,100,000.00	Annual Appropriation, development partners, ARCN, BOA, private sector	2022-2027	FMAFS, states, NAERLS, ARCN, IARC, ADPs, CSOs, Development Partners, NARIs organized farmers group, Commodity Association, Market Associations

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Priority Crops for Self-Sufficiency						
Goal	Objectives	Key Activity/project	Resources required (N)	Funding source	Time frame	Key Actors
		Production and Distribution of adequate Raktin and Lyptol Bio-Pesticides from National Horticultural Research Institute (NIHORT) for Control and Management of FAW	310,800,000.00	Annual Appropriations, development partners, private sector	2022-2027	FMAFS, states, & Investment promotion agencies, NAERLS, ARCN, IARC, ADPs, CSOs, Development Partners, NARIs organized farmers group, Commodity Association, Market Associations
		Knowledge Transfer to farmers on the control and management FAW on Maize field	210,000,000.00	Annual Appropriations, development partners, ARCN, BOA, private sector	2022-2027	FMAFS, states, Universities, NAERLS, ARCN, IARC, ADPs, CSOs, Development Partners, NARIs organized farmers group, Commodity Association, Market Associations

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Priority Crops for Self-Sufficiency						
Goal	Objectives	Key Activity/project	Resources required (N)	Funding source	Time frame	Key Actors
		Provision and supply of adequate Maize Enzymatic TGX6624ZH by Zenith Energy for increase in maize yield	233,917,621.00	Annual Appropriations, development partners, ARCN, private sector	2022-2027	FMAFS, states, NAERLS, ARCN, IARC, ADPs, CSOs, Development Partners, NARIs organized farmers group, Commodity Association, Market Associations
		National Taskforce consultations on the control and management of FAW across the Federation	70,000,000.00	Annual Appropriations, states, development partners, ARCN, private sector	2022-2027	FMAFS, states, NAERLS, ARCN, IARC, ADPs, CSOs, Development Partners, NARIs organized farmers group, Commodity Association, Market Associations
		Conduct training on value addition in Vitamin A maize to farmers across the federation	210,000,000.00	Annual Appropriations, states, development partners, ARCN, private sector	2022-2025	FMAFS, states, NAERLS, ARCN, IARC, ADPs, CSOs, Development Partners, NARIs organized farmers group, Commodity Association, Market

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Priority Crops for Self-Sufficiency						
Goal	Objectives	Key Activity/project	Resources required (N)	Funding source	Time frame	Key Actors
						Associations
		Support the facilitation of access to finance and markets in collaboration with MDAs	200,000,000.00	Annual Appropriations, states, development partners, Special Intervention, BOA, BOI, MFIs, private sector	2022-2027	FMAFS, states, NAERLS, ARCN, IARC, ADPs, CSOs, Development Partners, NARIs organized farmers group, Commodity Association, Market Associations
<b>3. Achieving self-sufficiency in Nigerian wheat production to reduce importation</b>	To increase Wheat Production and Processing by 30%	Production and distribution of 20MT of Breeder Seed (LACRIWHIT-4 and LACRIWHIT-5) from LCRI to be given to the reputable seed companies in selected states to produce foundation seed.	120,000,000.00	Annual Appropriations, states, NADF, development partners, ARCN, private sector	2022-2024	FMAFS, states, NAERLS, ARCN, IARC, ADPs, CSOs, Development Partners, NARIs organized farmers group, Commodity Association, Market Associations

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Priority Crops for Self-Sufficiency						
Goal	Objectives	Key Activity/project	Resources required (N)	Funding source	Time frame	Key Actors
		Production and Distribution of 30MT of Foundation Seed (LACRIWHIT-4 and LACRIWHIT -5) from LCRI to be given to reputable seed companies in selected States to produce certified seed.	150,000,000.00	Annual Appropriations. states, NASC, development partners, BOA, ARCN, private sector	2022-2024	FMAFS, states, NAERLS, ARCN, IARC, ADPs, CSOs, Development Partners, NARIs organized farmers group, Commodity Association, Market Associations
		Coordination of the production of 30MT of foundation seeds. of LACRIWHIT-4 and LACRIWHIT-5	5,000,000.00	Annual Appropriations, NASC, NARIS, ARCN, Seed Companies, Development Partners	2022-2027	NASC, FMAFS, NARIS, ARCN, Seed Companies
		Certification of 12 Ha to produce 30MT of foundation seeds. of LACRIWHIT-4 and LACRIWHIT-5	750,000.00	Annual Appropriations, NASC, NARIS, ARCN, Seed Companies, Development Partners	2022-2027	NASC, FMAFS, NARIS, ARCN, Seed Companies

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Priority Crops for Self-Sufficiency						
Goal	Objectives	Key Activity/project	Resources required (N)	Funding source	Time frame	Key Actors
		Production and distribution of 50 MT of Certified wheat seeds (LACRIWHIT -4) from LCRI for distribution to wheat farmers in selected States.	200,000,000.00	Annual Appropriations, states, development partners, BOA, ARCN, private sector	2022-2024	FMAFS, states, NAERLS, ARCN, IARC, ADPs, CSOs, Development Partners, NARIs organized farmers group, Commodity Association, Market Associations
		Coordination of the production of 50MT of certified seeds of LACRIWHIT-4	5,000,000.00	Annual Appropriations, NASC, NARIS, ARCN, Seed Companies, Development Partners	2022-2027	NASC, FMAFS, NARIS, ARCN, Seed Companies
		Certification of 12 Ha to produce 50MT of certified seeds of LACRIWHIT-4	1,250,000.00	Annual Appropriations, NASC, NARIS, ARCN, Seed Companies, Development Partners	2022-2027	NASC, FMAFS, NARIS, ARCN, Seed Companies

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Priority Crops for Self-Sufficiency						
Goal	Objectives	Key Activity/project	Resources required (N)	Funding source	Time frame	Key Actors
		Production and distribution of 50MT of Certified wheat Seed (LACRIWHIT-5) from LCRI for distribution to wheat farmers	200,000,000.00	Annual Appropriations, states, development partners, BOA, ARCN, private sector	2022-2027	FMAFS, states, NAERLS, ARCN, IARC, ADPs, CSOs, Development Partners, NARIs organized farmers group, Commodity Association, Market Associations
		Coordination of the production of 50MT of certified seeds of LACRIWHIT-5	5,000,000.00	Annual Appropriations, NASC, NARIS, ARCN, Seed Companies, Development Partners	2022-2027	NASC, FMAFS, NARIS, ARCN, Seed Companies
		Certification of 12 Ha to produce 50MT of certified seeds of LACRIWHIT-5	1,250,000.00	Annual Appropriations, NASC, NARIS, ARCN, Seed Companies, Development Partners	2022-2027	NASC, FMAFS, NARIS, ARCN, Seed Companies
		Supply of adequate liters of Organic Growth Enhancer for increase productivity	310,000,000.00	Annual Appropriations, states, development partners, BOA,	2022-2027	FMAFS, states, NAERLS, ARCN, IARC, ADPs, Development Partners, NARIs

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Priority Crops for Self-Sufficiency						
Goal	Objectives	Key Activity/project	Resources required (N)	Funding source	Time frame	Key Actors
				ARCN, private sector		organized farmers group, Commodity Association, Market Associations
		Supply of adequate litres of 2,4-D and Propanyl Herbicides for weed control.	310,000,000.00	Annual Appropriations, states, development partners, BOA, ARCN, private sector	2022-2027	FMAFS, states, NAERLS, ARCN, IARC, ADPs, Development Partners, NARIs organized farmers group, Commodity Association, Market Associations
		Supply of adequate litres of Pesticides for control of Pests.	314,602,420.00	Annual Appropriations, states, development partners, BOA, ARCN, private sector	2022-2027	FMAFS, states, NAERLS, ARCN, IARC, ADPs, CSOs, Development Partners, NARIs organized farmers group, Commodity Association, Market Associations

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Priority Crops for Self-Sufficiency						
Goal	Objectives	Key Activity/project	Resources required (N)	Funding source	Time frame	Key Actors
		Provision and encouraging the use of 3HP and 7HP for Wheat production	588,691,865.00	Annual Appropriations, states, development partners, BOA, ARCN, private sector	2022-2025	FMAFS, states, NAERLS, ARCN, IARC, ADPs, CSOs, Development Partners, NARIs organized farmers group, Commodity Association, Market Associations
		Provision and encouraging the use of Mini-combined harvesters, planters/fertilizer applicator AND assorted labour- saving technologies to reduce drudgery and increase productivity.	1,000,000,000.00	Annual Appropriations, states, development partners, BOA, ARCN, private sector	2022-2027	FMAFS, states, & Investment promotion agencies, NAERLS, ARCN, IARC, ADPs, CSOs, Development Partners, NARIs organized farmers group, Commodity Association, Market Associations

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Priority Crops for Self-Sufficiency						
Goal	Objectives	Key Activity/project	Resources required (N)	Funding source	Time frame	Key Actors
		Provision and encouraging the use of Wheat Reapers for Wheat production	280,000,000.00	Annual Appropriations, states, development partners, BOA, ARCN, private sector	2022-2027	FMAFS, states, NAERLS, ARCN, IARC, ADPs, CSOs, Development Partners, NARIs organized farmers group, Commodity Association, Market Associations
		Provision and encouraging the use of Cargo Tricycle for Wheat production in rural areas	150,000,000.00	Annual Appropriations, states, development partners, BOA, ARCN, private sector	2022-2027	FMAFS, states, NAERLS, ARCN, IARC, ADPs, CSOs, Development Partners, NARIs organized farmers group, Commodity Association, Market Associations

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Priority Crops for Self-Sufficiency						
Goal	Objectives	Key Activity/project	Resources required (N)	Funding source	Time frame	Key Actors
		Establishment of 15 cottage Wheat processing mills in farming clusters in high potential states	640,000,000.00	Annual Appropriations, states, development partners, BOA, ARCN, private sector	2022-2027	FMAFS, FMTI, states, NAERLS, ARCN, IARC, ADPs, Development Partners, NARIs organized farmers group, Commodity Association, Market Associations, private sector
		Provision and encouraging the use of simple Spaghetti Making Machines to women	314,336,965.00	Annual Appropriations, states, development partners, BOA, ARCN, private sector	2022-2027	FMAFS, FMTI, states, NAERLS, ARCN, Development Partners, NARIs organized farmers group, Commodity Association, Market Associations, private sector

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Priority Crops for Self-Sufficiency						
Goal	Objectives	Key Activity/project	Resources required (N)	Funding source	Time frame	Key Actors
		Support the facilitation of access to finance and markets/processors in collaboration with MDAs	100,000,000.00	Annual Budget of <del>FMAFS</del> states, development partners, BOA, BOI, MFIs, private sector	2022-2027	<del>FMAFS</del> , states, BOA, BOI, Development Partners, NARIs organized farmers group, Commodity Association, Market Associations
<b>4. Enhanced Sorghum and Millet production and processing</b>	To increase and improve cultivation, storage and processing of sorghum and millet by 30%.	i. Support farmers with improved Sorghum seeds.	506,670,050.00	Annual Appropriations, ADF, states, NASC, development partners, BOA, private sector	2022-2027	<del>FMAFS</del> , states, NAERLS, ARCN, IARC, ADPs, CSOs, Development Partners, NARIs organized farmers group, Commodity Association, Market Associations
		Coordination of the production of improved sorghum seeds	7,500,000.00	Annual Appropriations, states, NASC, development partners, BOA, NADF, private sector	2022-2027	NASC, <del>FMAFS</del> , NARIS, ARCN, Seed Companies

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Priority Crops for Self-Sufficiency						
Goal	Objectives	Key Activity/project	Resources required (N)	Funding source	Time frame	Key Actors
		Certification of the 546,000 Ha of sorghum seed fields	702,010,000.00	Annual Appropriations, states, NASC, development partners, BOA, ARCN, private sector	2022-2027	NASC, <del>FMAFS</del> , NARIS, ARCN, Seed Companies
		b. Sensitization of farmers' clusters on adoption of improved varieties and modern technologies	78,750,000.00	Annual Appropriations, states, development partners, BOA, ARCN, private sector	2022-2027	<del>FMAFS</del> , states, NAERLS, ARCN, IARC, ADPs, CSOs, Development Partners, NARIs organized farmers group, Commodity Association, Market Associations
		ii. Support and encourage farmers on the use of quality agro-chemicals and herbicide	650,000,000.00	Annual Appropriations, states, development partners, BOA, ARCN, private sector	2022-2027	<del>FMAFS</del> , states, NAERLS, ARCN, IARC, ADPs, CSOs, Development Partners, NARIs organized farmers group, Commodity Association, Market Associations

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Priority Crops for Self-Sufficiency						
Goal	Objectives	Key Activity/project	Resources required (N)	Funding source	Time frame	Key Actors
		iii. Establishment of demonstration plots at 12 Centres within the farmers production Centres	350,000,000.00	Annual Appropriations, states, development partners, BOA private sector	2022-2025	FMAFS, states, NAERLS, ARCN, IARC, ADPs, CSOs, Development Partners, NARIs organized farmers group, Commodity Association, Market Associations
		iv. Facilitation of farm operations and up-scaling areas cultivated by farmers through use of farm equipment - Threshers, Weeders and Knapsack Sprayers	500,000,000.00	Annual Appropriations, states, development partners, BOA, ARCN, private sector	2022-2027	FMAFS, states, NAERLS, ARCN, IARC, ADPs, CSOs, Development Partners, NARIs organized farmers group, Commodity Association, Market Associations

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Priority Crops for Self-Sufficiency						
Goal	Objectives	Key Activity/project	Resources required (N)	Funding source	Time frame	Key Actors
		v. Promotion of value-adding activities and diversification.	619,591,555.00	Annual Appropriations, states, development partners, BOA, ARCN, private sector	2022-2027	<del>FMAFS</del> , FMT&I, states, NAERLS, ARCN, IARC, ADPs, CSOs, Development Partners, NARIs organized farmers group, Commodity Association, Market Associations, private sector
		i. Support of farmers with improved millet seed	304,756,914.00	Annual Appropriations, states, development partners, BOA, ARCN, private sector	2022-2027	<del>FMAFS</del> , states, NAERLS, ARCN, IARC, ADPs, CSOs, Development Partners, NARIs organized farmers group, Commodity Association, Market Associations

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Priority Crops for Self-Sufficiency						
Goal	Objectives	Key Activity/project	Resources required (N)	Funding source	Time frame	Key Actors
		ii. a. Support and encourage farmers on the use of quality agrochemicals (Organic Growth Enhancer and Herbicide) in major production clusters	257,500,000.00	Annual Appropriations, states, development partners, BOA, ARCN, private sector	2022-2027	FMAFS, states, NAERLS, ARCN, IARC, ADPs, CSOs, Development Partners, NARIs organized farmers group, Commodity Association, Market Associations
		Support the facilitation of access to finance and markets/processors in collaboration with MDAs	100,000,000.00	Annual Appropriations, states, development partners, BOA, ARCN, private sector	2022-2027	FMAFS, states, IARC, ADPs, CSOs, MFIs, Development Partners, NARIs organized farmers group, Commodity Association, Market Associations, private sector

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Priority Crops for Self-Sufficiency						
Goal	Objectives	Key Activity/project	Resources required (N)	Funding source	Time frame	Key Actors
<b>5. Enhanced Cotton production and local processing</b>	To increase cotton production by 30% to support local textiles and garment industry	Provision and distribution of certified BT cotton seeds and Foundation seeds to cotton farmers across cotton producing zone	963,974,312.00	Annual Appropriations, NADF, states, development partners, BOA, private sector	2022-2027	FMAFS, states, NAERLS, ARCN, IARC, ADPs, CSOs, Development Partners, NARIs organized farmers group, Commodity Association, Market Associations, Manufactures Association of Nigeria
		Coordination of the production of 30MT of cotton foundation and certified seeds	7,500,000.00	Annual Appropriations, states, development partners, BOA private sector	2022-2027	NASC, FMAFS, NARIS, ARCN, Seed Companies
		Certification of 35 Ha of certified seeds fields for quality assurance	8,370,000.00	Annual Appropriations, states, development partners, BOA private sector	2022-2027	NASC, FMAFS, NARIS, ARCN, Seed Companies

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Priority Crops for Self-Sufficiency						
Goal	Objectives	Key Activity/project	Resources required (N)	Funding source	Time frame	Key Actors
		Provision and encouraging the use of Lambdacyhalothrin (Cotton insecticide), Cypermethrin, Organic fertilizer/cotton boll stimulant, Glyphosphate herbicides to cotton farmers in all cotton producing zone	1,680,051,534.00	Annual Appropriations, states, development partners, BOA, ARCN, private sector	2022-2027	FMAFS, states, NAERLS, ARCN, IARC, ADPs, CSOs, Development Partners, NARIs organized farmers group, Commodity Association
		Provision and distribution of knapsack sprayers, cotton harvest bags and motorized weeder to cotton farmer across cotton producing zone	1,192,819,523.00	Annual Appropriations, states, development partners, BOA private sector	2022-2027	FMAFS, states, NAERLS, ARCN, IARC, ADPs, CSOs, Development Partners, NARIs organized farmers group, Commodity Association, Market Associations

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Priority Crops for Self-Sufficiency						
Goal	Objectives	Key Activity/project	Resources required (N)	Funding source	Time frame	Key Actors
		Support the facilitation of access to finance and markets/textiles in collaboration with MDAs	100,000,000.00	Annual Appropriation, states, development partners, BOA, BOI, MFIs, private sector	2022-2027	FMAFS, FMT&I, states, NAERLS, ARCN, IARC, ADPs, Development Partners, NARIs organized farmers group, Commodity Association, Market Associations
<b>6. Intensification of Soybean Production and processing</b>	To increase Soybean production by 30% and linked with the industrial sector	i. Production and supply of 670,000kg of TGX 1448-2E improved Soybean Seeds to soybean farmers	536,000,000.00	Annual Appropriation, NADF, states, NASC, ARCN, development partners, BOA, private sector	2022-2026	FMAFS, FMT&I, states, NAERLS, ARCN, IARC, ADPs, Development Partners, NARIs organized farmers group, Commodity Association, Market Associations
		Coordination of the production of 2,902MT of foundation seeds to produce 670,000kg of TGX-1448-2E of Certified Seed	1,500,000.00	Annual Appropriations, states, development partners, BOA, ARCN, private sector	2022-2027	NASC, FMAFS, NARIS, ARCN, Seed Companies

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Priority Crops for Self-Sufficiency						
Goal	Objectives	Key Activity/project	Resources required (N)	Funding source	Time frame	Key Actors
		Certification of 508Ha of certified seed fields for quality assurance	31,750,000.00	Annual Appropriations, states, development partners, BOA, ARCN, private sector	2022-2027	NASC, <del>FMAFS</del> , NARIS, ARCN, Seed Companies
		ii. Production and supply of 600,000kg of TGX 1951-3F improved Soybean Seeds to farmers	480,000,000.00	Annual Appropriation, states, development partners, BOA, BOI, MFIs, private sector	2022-2026	<del>FMAFS</del> , states, NAERLS, ARCN, IARC, ADPs, Development Partners, NARIs organized farmers group, Commodity Association, Market Associations
		Coordination of the production of 2,902MT of foundation seeds to produce 600,000kg of TGX-1951-3F of certified seeds	1,500,000.00	Annual Appropriations, states, development partners, BOA, ARCN, private sector	2022-2027	NASC, <del>FMAFS</del> , NARIS, ARCN, Seed Companies
		Certification of 508Ha of certified seed fields for quality assurance	31,750,000.00	Annual Appropriations, states, development partners, BOA,	2022-2027	NASC, <del>FMAFS</del> , NARIS, ARCN, Seed Companies

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Priority Crops for Self-Sufficiency						
Goal	Objectives	Key Activity/project	Resources required (N)	Funding source	Time frame	Key Actors
				ARCN, private sector		
		iii. Technical Backstopping: Seed deployment and extension for Agronomic Practices in the producing states	70,000,000.00	Annual Appropriations, states, development partners, BOA, ARCN, private sector	2022-2027	FMAFS, states, NAERLS, ARCN, IARC, ADPs, Development Partners, NARIs organized farmers group, Commodity Association, Market Associations
		iv. Provision of adequate litres of Miracle 1 & 2 Organic Fertilizer to Soybean farmers	889,000,000.00	Annual Appropriations, states, development partners, BOA, ARCN, private sector	2022-2027	FMAFS, states, NAERLS, ARCN, IARC, ADPs, Development Partners, NARIs organized farmers group, Commodity Association, Market Associations

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Priority Crops for Self-Sufficiency						
Goal	Objectives	Key Activity/project	Resources required (N)	Funding source	Time frame	Key Actors
		v. provision of adequate litres of Glyphosate herbicide for Soybean farmers	304,800,000.00	Annual Appropriations, states, development partners, BOA, ARCN, private sector	2022-2027	FMAFS, states, NAERLS, ARCN, IARC, ADPs, Development Partners, NARIs organized farmers group, Commodity Association, Market Associations
		vi. Provision of adequate sachets of Nodumax Inoculant for Soybean farmers	50,800,000.00	Annual Appropriation, states, development partners, BOA, private sector	2022-2027	FMAFS, states, NAERLS, ARCN, IARC, ADPs, Development Partners, NARIs organized farmers group, Commodity Association, Market Associations
		vii. Awareness Creation/Capacity Building for commercial soybean production and processing	70,000,000.00	Annual Appropriation, FMT&I & states, development partners, BOA, BOI, private sector	2022-2025	FMAFS, states, NAERLS, ARCN, IARC, ADPs, CSOs, Development Partners, NARIs organized farmers group, Commodity Association, Market

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Priority Crops for Self-Sufficiency						
Goal	Objectives	Key Activity/project	Resources required (N)	Funding source	Time frame	Key Actors
						Associations
		viii. Provision of adequate labour-saving technologies: planters, thresher, etc. for soybean farmers	900,000,000.00	Annual Appropriations, states, development partners, BOA, ARCN, private sector	2022-2027	FMAFS, states, NAERLS, ARCN, IARC, ADPs, Development Partners, NARIs organized farmers group, Commodity Association, Market Associations
		ix. Support the facilitation of access to finance and market/processor to soybean farmers	100,000,000.00	Annual Appropriation, states, development partners, BOA, private sector		FMAFS, states, NAERLS, ARCN, IARC, ADPs, Development Partners, NARIs organized farmers group, Commodity Association, Market Associations

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Priority Crops for Self-Sufficiency						
Goal	Objectives	Key Activity/project	Resources required (N)	Funding source	Time frame	Key Actors
		x. Technological transfer and extension for soybean farmers	140,000,000.00	Annual Appropriations, states, development partners, BOA, ARCN, private sector	2022-2027	FMAFS, states, universities, NAERLS, ARCN, IARC, ADPs, Development Partners, NARIs organized farmers group, Commodity Association, Market Associations
<b>7. Promotion of production and industrial utilization of kenaf</b>	To increase the production of kenaf by 40% and linked famers to industrial processors	i. Production and distribution of 139,200kg of Ifeken-400 improved kenaf seeds to kenaf farmers	417,600,000.00	Annual Appropriations, NADF, states, development partners, BOA private sector	2022-2026	FMAFS, states, NAERLS, ARCN, IARC, ADPs, CSOs, Development Partners, NARIs organized farmers group, Commodity Association, Market Associations, private sector
		Coordination of the production of 139,200kg of Ifeken-400 foundation and certified seed	7,500,000.00	Annual Appropriations, NASC, NARIS, Seed Companies, Development Partners	2022-2027	NASC, FMAFS, NARIS, ARCN, Seed Companies

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Priority Crops for Self-Sufficiency						
Goal	Objectives	Key Activity/project	Resources required (N)	Funding source	Time frame	Key Actors
		Certification of 84Ha of foundation and certified seed fields for quality assurance	13,187,500.00	Annual Appropriations, states, development partners, BOA private sector	2022-2027	NASC, <del>FMAFS</del> , NARIS, ARCN, Seed Companies
		ii. Production and distribution of 139,200kg of Cuba - 108 improved kenaf seeds to 13,920 kenaf farmers	417,600,000.00	Annual Appropriation, states, NASC, development partners, BOA, private sector	2022-2026	<del>FMAFS</del> , states, NAERLS, ARCN, IARC, ADPs, Development Partners, NARIs organized farmers group, Commodity Association, Market Associations, private sector
		Coordination of the production of 139,200MT of Cuba-108 foundation seeds and certified seeds	1,500,000.00	Annual Appropriations, states, development partners, BOA private sector	2022-2027	NASC, <del>FMAFS</del> , NARIS, ARCN, Seed Companies
		Certification of 84Ha of foundation and certified seed fields for quality assurance	13,187,500.00	Annual Appropriations, states, development partners, BOA private sector	2022-2027	NASC, <del>FMAFS</del> , NARIS, ARCN, Seed Companies

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Priority Crops for Self-Sufficiency						
Goal	Objectives	Key Activity/project	Resources required (N)	Funding source	Time frame	Key Actors
		iii. Facilitate technical Backstopping on seed deployment, extension on agronomic practices, marketing, and access to finance to farmers	100,000,000.00	Annual Appropriation, states, development partners, BOA, private sector	2022-2027	FMAFS, states, NAERLS, ARCN, IARC, ADPs, Development Partners, NARIs organized farmers group, Commodity Association, Market Associations, private sector
		vi. Capacity Building on Commercial farming of Kenaf through training workshops, Farmers Business School, Farmers Field Days, On-farm demonstration, etc	60,000,000.00	Annual Appropriation, states, NASC, BOA development partners, BOA, private sector	2022-2026	FMAFS, states, NAERLS, ARCN, IARC, ADPs, Development Partners, NARIs organized farmers group, Commodity Association, Market Associations, private sector

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Priority Crops for Self-Sufficiency						
Goal	Objectives	Key Activity/project	Resources required (N)	Funding source	Time frame	Key Actors
		(v) Facilitate acquisition and distribution of quality inputs, e.g. Miracle 1 and Miracle 2, organic fertilizer, herbicides to Kanef farmers	1,370,860,000.00	Annual Appropriation, states, NASC, BOA development partners, BOA, private sector	2022-2027	FMAFS, states, NAERLS, ARCN, IARC, ADPs, CSOs, Development Partners, NARIs organized farmers group, Commodity Association, Market Associations, private sector
		vi. Technology support, e.g., planters, kenaf decorticator; Technological transfer and on-farm training	440,000,000.00	Annual Appropriation, NASC, states, development partners, BOA private sector	2022-2027	FMAFS, states, NAERLS, ARCN, IARC, ADPs, Development Partners, NARIs organized farmers group, Commodity Association, Market Associations, private sector
<b>8. Promotion of Aflatoxin free groundnut for import substitution</b>	Improve and increase Groundnut production by 30% and link farmers to agro processors	Facilitate the production, distribution of certified seed (SAMNUT 24 & SAMNUT 24) to farmers	750,000,000.00	Annual Appropriation, NADF, NASC, states, development partners, BOA private sector	2022-2026	FMAFS, states, NAERLS, ARCN, IARC, ADPs, Development Partners, NARIs organized farmers group, Commodity

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Priority Crops for Self-Sufficiency						
Goal	Objectives	Key Activity/project	Resources required (N)	Funding source	Time frame	Key Actors
						Association, Market Associations, private sector
		Coordination of the production of 7,300MT certified seed (Samnut 24)	7,500,000.00	Annual Appropriations, NASC, NARIS, ARCN, Seed Companies, Development Partners	2022-2027	NASC, <del>FMAFS</del> , NARIS, ARCN, Seed Companies
		Certification of 405Ha of certified seed fields for quality assurance	13,187,500.00	Annual Appropriations, NASC, NARIS, ARCN, Seed Companies, Development Partners	2022-2027	NASC, <del>FMAFS</del> , NARIS, ARCN, Seed Companies
		Facilitate capacity building and extension on Good Agronomy Practice (GAP) in Groundnut Production and processing	94,683,988.00	Annual Appropriation, NASC, states, development partners, BOA private sector	2022-2027	<del>FMAFS</del> , states, NAERLS, ARCN, IARC, ADPs, CSOs, Development Partners, NARIs organized farmers group, Commodity Association, Market Associations, private sector

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Priority Crops for Self-Sufficiency						
Goal	Objectives	Key Activity/project	Resources required (N)	Funding source	Time frame	Key Actors
		Conduct Resources Data baseline survey study on groundnut value chain	217,101,262.00	Annual Budget of <del>FMAFS</del> & NASC, states, development partners, NIRSAL, ARCN, BOA, private sector	2022-2027	<del>FMAFS</del> , states, NAERLS, ARCN, IARC, ADPs, CSOs, Development Partners
		Develop programme on small plot adoption techniques on drum rolling on yield and development of value Addition Centres	777,743,764.00	Annual Appropriation, NASC, states, development partners, BOA private sector	2022-2026	<del>FMAFS</del> , states, NAERLS, ARCN, IARC, ADPs, Development Partners, NARIs organized farmers group, Commodity Association, Market Associations, private sector
		Facilitate the production and distribution of Aflasafe to farmers	343,091,861.00	Annual Appropriation, NASC, states, development partners, BOA private sector	2022-2027	<del>FMAFS</del> , states, NAERLS, ARCN, IARC, ADPs, Development Partners, NARIs organized farmers group, Commodity Association, Market Associations,

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Priority Crops for Self-Sufficiency						
Goal	Objectives	Key Activity/project	Resources required (N)	Funding source	Time frame	Key Actors
						private sector
		Facilitate the distribution of Aflatoxin testing kits to farmers in Northeast, Northwest & Northcentral.	105,000,000.00	Annual Appropriation, NASC, states, development partners, BOA private sector	2022-2027	<del>FMAFS</del> , states, NAERLS, ARCN, IARC, ADPs, CSOs, Development Partners, NARIs organized farmers group, Commodity Association, Market Associations, private sector

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Priority Crops for Self-Sufficiency						
Goal	Objectives	Key Activity/project	Resources required (N)	Funding source	Time frame	Key Actors
		Facilitate the production and distribution of Pax II groundnut Nutrition Support, A-Z 1&2 groundnut Enzyme & Agro chemical (Miracle 1&2) to farmers	420,000,000.00	Annual Appropriation, NASC, states, development partners, BOA private sector	2022-2027	FMAFS, states, NAERLS, ARCN, IARC, ADPs, Development Partners, NARIs organized farmers group, Commodity Association, Market Associations, private sector
		Facilitate training on safe use of Aflasafe for Aflatoxin Control in Groundnut Production	70,000,000.00	Annual Appropriation, NASC, states, development partners, BOA private sector	2022-2027	FMAFS, states, NAERLS, ARCN, IARC, ADPs, Development Partners, NARIs organized farmers group, Commodity Association, Market Associations, private sector

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Priority Crops for Self-Sufficiency						
Goal	Objectives	Key Activity/project	Resources required (N)	Funding source	Time frame	Key Actors
		Encourage and support the use of labor-saving technology/technique	567,000,000.00	Annual Appropriation, NASC, states, development partners, BOA private sector	2022-2027	FMAFS, states, NAERLS, ARCN, IARC, ADPs, CSOs, Development Partners, NARIs organized farmers group, Commodity Association, Market Associations, private sector
		Conduct training on Innovative use of technologies and new methods and support the facilitation of access to finance and markets for farmers and processors	305,000,000.00	Annual Appropriation, NASC, states, development partners, BOA private sector	2022-2027	FMAFS, states, NAERLS, ARCN, IARC, ADPs, Development Partners, NARIs organized farmers group, Commodity Association, Market Associations, private sector

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Priority Crops for Self-Sufficiency						
Goal	Objectives	Key Activity/project	Resources required (N)	Funding source	Time frame	Key Actors
9. Promotion and development of Cowpea	Increase production and processing of cowpea seeds by 30% and attain high quality for consumption and Exportation	Facilitate the production and distribution of quality inputs, e.g., Pod Borer Resistant (PBR) Cowpea seed and Organic growth enhancer (Miracle 1&2 / Agrizyme) for Cowpea Farmers	1,569,600,000.00	Annual Appropriation, NADF, NASC, states, development partners, BOA private sector	2022-2027	FMAFS, states, & Investment promotion agencies, NAERLS, ARCN, IARC, ADPs, Development Partners, NARIs organized farmers group, Commodity Association, Market Associations
		Coordination of the production of the three classes of seeds (34MT breeder seeds, 245MT foundation seeds and 2,621MT certified seeds) of Pod Borer Resistant Cowpea (PBR)	7,500,000.00	Annual Appropriation, NASC, NARIS, ARCN, Seed companies, Development Partners	2022-2027	NASC, FMAFS, NARIS, ARCN, Seed Companies
		Certification of 810Ha of certified seed fields for quality assurance	13,187,500.00	Annual Appropriation, NASC, NARIS, ARCN, Seed companies, Development Partners	2022-2027	NASC, FMAFS, NARIS, ARCN, Seed Companies

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Priority Crops for Self-Sufficiency						
Goal	Objectives	Key Activity/project	Resources required (N)	Funding source	Time frame	Key Actors
		Facilitate the promotion and adoption of Cowpea Processing equipment (motorized threshing and Dehulling machine) to farmers/processors	5,252,000.00	Annual Appropriation, NASC, states, development partners, BOA private sector	2022-2027	FMAFS, states, & Investment promotion agencies, NAERLS, ARCN, IARC, ADPs, Development Partners, NARIs organized farmers group, Commodity Association, Market Associations
		Establishment of Demonstration plots on the newly released Cowpea variety (PBR)	140,000,000.00	Annual Appropriation, NASC, states, development partners, BOA private sector	2022-2027	FMAFS, states, & Investment promotion agencies, NAERLS, ARCN, IARC, ADPs, Development Partners, NARIs organized farmers group, Commodity/ Association, Market Associations

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Priority Crops for Self-Sufficiency						
Goal	Objectives	Key Activity/project	Resources required (N)	Funding source	Time frame	Key Actors
		Conduct training on newly released resistant (Pod Borer Resistant), equipment maintenance, post-Harvest handling, value addition and standardization for export	1,800,700,000.00	Annual Appropriation of <b>FMAFS</b> , and MS&T, states, development partners, NIRSAL, BOA, private sector	2022-2027	<b>FMAFS</b> , states, NAERLS, ARCN, IARC, ADPs, NAFDAC, Development Partners, NARIs organized farmers group, Commodity/Market Associations
		Conduct Stakeholder engagements and facilitating access to finance and market/processors for farmer	22,000,000.00	Annual Appropriation, states, development partners, NIRSAL, ARCN, BOA, BOI private sector	2022-2027	<b>FMAFS</b> , states, NAERLS, ARCN, IARC, ADPs, Development Partners, NARIs organized farmers group, Commodity/market Associations, Market, Private sector
<b>10. To Improve Cassava Production for Food Security and value addition</b>	To increase the production, productivity, and processing of Cassava by 30%	Production and distribution of high-quality seeds, multiplication, and establishment of breeder cassava-planting materials of	220,000,000.00	Annual Appropriation, NADF, states, development partners, NIRSAL, NASC,	2022-2027	<b>FMAFS</b> , NASC, NAERLS, ARCN, IARC, ADPs, Universities, Development Partners, private sector

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Priority Crops for Self-Sufficiency						
Goal	Objectives	Key Activity/project	Resources required (N)	Funding source	Time frame	Key Actors
		two varieties of yellow root; foundation cassava- planting materials yellow root and 419 in the 4 RTEP stations		NRCRI, ARCN, BOA, private sector		
		Facilitate wider distribution of quality inputs, such as adequate bundles of certified stems, organic growth enhancer solutions and TMS 07/0593 and TMS 01/1412 varieties of disease resistant planting materials to out growers and out growers semi-hydroponic structures for multiplication of cassava in green house	211,023,363.48	Annual Appropriation, states, development partners, NIRSAL, NASC, NRCRI, ARCN, BOA, private sector	2022-2027	FMAFS, states, NAERLS, ARCN, IARC, ADPs, Development Partners, NARIs organized farmers group, Commodity Association, Market Associations

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Priority Crops for Self-Sufficiency						
Goal	Objectives	Key Activity/project	Resources required (N)	Funding source	Time frame	Key Actors
		Coordination of the production of 198,340 Bundles of breeder seed, Foundation and Certified seed of yellow root, TME419, TMS 070593, TMS 011412 quality seed cuttings.	7,500,000.00	Annual Appropriation, states, development partners, NASC, NARIS, BOA, private sector	2022-2027	NASC, <del>FMAFS</del> , NARIS, ARCN, Seed Companies
		Certification of 844Ha of certified seed fields for quality assurance	52,750,000.00	Annual Appropriation, states, development partners, NASC, NARIS, BOA, private sector	2022-2027	NASC, <del>FMAFS</del> , NARIS, ARCN, Seed Companies
		Capacity building on GAP and control and management of whitefly infestation of cassava farms	34,125,625.00	Annual Appropriation, states, development partners, NASC, NARIS, BOA, private sector	2022-2027	<del>FMAFS</del> , states, NAERLS, ARCN, IARC, ADPs, Development Partners, NARIs organized farmers group, Commodity Association, Market Associations

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Priority Crops for Self-Sufficiency						
Goal	Objectives	Key Activity/project	Resources required (N)	Funding source	Time frame	Key Actors
		Establishment of demonstration plots in RTEP farms and ADPs using improved planting materials and Good Agricultural Practices	50,415,114.46	Annual Appropriations, states, development partners, NIRSAL, ARCN, BOA, private sector	2022-2027	FMAFS, states, NAERLS, ARCN, IARC, ADPs, Development Partners, NARIs organized farmers group, Commodity/Market Associations
		Technological transfer to cassava farmers on addressing yield gap in cassava farms	51,875,000.00	Annual Appropriations, MS&T, states, development partners, NIRSAL, ARCN, BOA, private sector	2022-2027	FMAFS, states, NAERLS, ARCN, IARC, ADPs, Development Partners, NARIs organized farmers group, Commodity/Market Associations, private sector
		Facilitate support to enhance productivity and climate resilience in Cassava-based cropping system through improved Nutrient Water and Soil Management	53,505,753.75	Annual Appropriations, MS&T, states, development partners, NIRSAL, ARCN, BOA, private sector	2022-2025	FMAFS, states, NAERLS, ARCN, IARC, ADPs, Development Partners, NARIs organized farmers group, Commodity/

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Priority Crops for Self-Sufficiency						
Goal	Objectives	Key Activity/project	Resources required (N)	Funding source	Time frame	Key Actors
						Market Associations
		Facilitate the delivery of technical and financial support to processors, such as master bakers on cassava flour utilization and other value addition activities	68,750,000.00	Annual Appropriations, MS&T, states, development partners, NIRSAL, ARCN, BOA, BOI, private sector	2022-2027	FMAFS, FMT&I, states, & Investment promotion agencies, NAERLS, ARCN, IARC, ADPs, CSOs, MAN. Development Partners, Chambers of commerce
		Encourage and support the establishment and upgrading of processing facilities for domestic consumption and exports	300,000,000.00	Annual Appropriations, MS&T, states, development partners, NIRSAL, ARCN, BOA, private sector	2022-2027	FMAFS, FMT&I, states, Development Partners, MAN, Chambers of commerce Associations

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Priority Crops for Self-Sufficiency						
Goal	Objectives	Key Activity/project	Resources required (N)	Funding source	Time frame	Key Actors
		Mobilize stakeholders to facilitate access to finance and markets for farmers and processors	225,000,000.00	Annual Appropriations, states, development partners, NIRSAL, MFIs, BOA, BOI private sector	2022-2027	FMAFS, FMT&I, states, ARCN, Development Partners, NARIs organized farmers group, Commodity Association, Market Associations
<b>11. Adoption of modern technologies in yam production and processing</b>	1. To boost yam production from 8 tons per ha to 30 tons. 2. To reduce post-harvest losses from 40% to 25% and generate yam processing enterprises	Facilitate the production and deployment of high quality/high yield seeds/varieties and encourage the establishment of High Ratio Propagation Technology facilities for rapid multiplication of seed yam and node vine cuttings for yam production	1,120,000,000.00	Annual Appropriations, NADF, states, development partners, NIRSAL, NASC, BOA, private sector	2022-2026	FMAFS, states, NAERLS, ARCN, IARC, ADPs, Development Partners, NARIs organized farmers group, Commodity/Market Associations
		Facilitate the production and deployment of high quality/ high yield seeds/ varieties and encourage the establishment of high	1,120,000,000.00	Annual Appropriations, states, development partners, NIRSAL, MFIs, BOA, private	2022-2027	FMAFS, states, NAERLS, ARCN, IARC, ADPs, Development Partners, NARIs organized farmers group,

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Priority Crops for Self-Sufficiency						
Goal	Objectives	Key Activity/project	Resources required (N)	Funding source	Time frame	Key Actors
		Ratio propagation Technology facilities for rapid multiplication of seed yam and node vine cuttings for yam production		sector		Commodity/ Market Associations
		Coordination of the production of the 173MT of the three classes of seeds (breeder seeds, foundation seeds and certified seeds) of yam and node vine	5,000,000.00	Annual Appropriations, states, development partners, NIRSAL, MFIs, BOA, private sector	2022-2027	NASC, <del>FMAFS</del> , NARIS, ARCN, Seed Companies
		Certification of 54.72Ha of certified seed fields for quality assurance	13,187,500.00	Annual Appropriations, states, development partners, NIRSAL, MFIs, BOA, private sector	2022-2027	NASC, <del>FMAFS</del> , NARIS, ARCN, Seed Companies

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Priority Crops for Self-Sufficiency						
Goal	Objectives	Key Activity/project	Resources required (N)	Funding source	Time frame	Key Actors
		Develop projects to support farmers with modern production technologies/techniques and address harvest and post-harvest losses	512,862,500.00	Annual Appropriations, states, development partners, NIRSAL, MFIs, BOA, private sector	2022-2027	FMAFS, states, NAERLS, ARCN, IARC, ADPs, Development Partners, NARIs organized farmers group, Commodity/Market Associations
		Mobilize technical and financial resources to support farmers with access to finance and markets	486,000,000.00	Annual Appropriations, states, development partners, NIRSAL, MFIs, BOA, private sector	2022-2027	FMAFS, states, NAERLS, ARCN, IARC, ADPs, Development Partners, NARIs organized farmers group, Commodity/Market associations
		Encourage and support the upgrade of quality of yam flour to meet export standards through establishment of new processing Centres and upgrading existing firms.	553,893,851.75	Annual Appropriations, states, development partners, NIRSAL, NASC, ARCN, BOA, private sector	2022-2027	FMAFS, states, NAERLS, ARCN, IARC, ADPs, Development Partners, NARIs organized farmers group, Commodity/Market associations

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Priority Crops for Self-Sufficiency						
Goal	Objectives	Key Activity/project	Resources required (N)	Funding source	Time frame	Key Actors
		Establishment of demonstration plots in Yam clusters in 6 states to address Good Agricultural Practices problem in yam production.	372,196,657.00	Annual Appropriations, states, development partners, NIRSAL, NASC, ARCN, BOA, private sector	2022-2025	FMAFS, states, NAERLS, ARCN, IARC, ADPs, Development Partners, NARIs organized farmers group, Commodity/Market associations
<b>12. To attain self-sufficiency in Irish potato production</b>	1. To increase current level of production of 5 tons per ha to 10 tons per ha 2. To meet the National Demand of 2.52 million MT.	Facilitate the establishment of fully equipped Tissue culture Laboratory to support production of clean Irish potato seeds in 4 agro ecological zones	734,606,583.75	Annual Appropriations, ADF, states, development partners, NASC, Seed companies BOA, private sector	2022-2025	FMAFS, states, NAERLS, ARCN, IARC, ADPs, Development Partners, NARIs organized farmers group, Commodity/Market
		Coordination of the production of 1,000,000MT of the three classes of seed (breeder seeds, foundation seeds and certified seeds) of clean Irish potato seeds	7,500,000.00	Annual Appropriations, states, development partners, NASC, Seed companies BOA, private sector	2022-2027	NASC, FMAFS, NARIS, ARCN, Seed Companies

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Priority Crops for Self-Sufficiency						
Goal	Objectives	Key Activity/project	Resources required (N)	Funding source	Time frame	Key Actors
		Certification of 100,000Ha of certified seed fields for quality assurance	13,187,500.00	Annual Appropriations, states, development partners, NASC, Seed companies BOA, private sector	2022-2027	NASC, <del>FMAFS</del> , NARIS, ARCN, Seed Companies
		Encourage and support the establishment of Processing centers for Irish Potato	310,308,268.70	Annual Appropriations, states, development partners, NASC, Seed companies BOA, private sector	2022-2027	<del>FMAFS</del> , states, NAERLS, ARCN, IARC, ADPs, Development Partners, NARIs organized farmers group, Commodity/Market associations
		Support the establishment of cold Storage facilities for Potato	310,308,765.30	Annual Appropriations, states, development partners, NIRSAL, ARCN, BOA, BOI, private sector	2022-2027	<del>FMAFS</del> , states, NAERLS, ARCN, IARC, ADPs, Development Partners, NARIs organized farmers group, Commodity/Market associations, private sector

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Priority Crops for Self-Sufficiency						
Goal	Objectives	Key Activity/project	Resources required (N)	Funding source	Time frame	Key Actors
		Facilitate the production and distribution of potato seed for farmers	234,793,276.24	Annual Appropriations, states, development partners, NASC, Seed companies BOA, private sector	2022-2027	FMAFS, states, NAERLS, ARCN, IARC, ADPs, Development Partners, NARIs organized farmers group, Commodity/Market associations
		Develop projects to guarantee access to finance, market and quality inputs, such as Organic Growth Enhancer and labour-saving technologies to Potato farmers	234,793,276.24	Annual Appropriations, states, development partners, NASC, Seed companies BOA, private sector	2022-2027	FMAFS, states, NAERLS, ARCN, IARC, ADPs, Development Partners, NARIs organized farmers group, Commodity/Market associations
		Facilitate rapid capacity building on Farmers Business School, Good Agric Practices (GAP) and Cooperative Business School for Potato farmers in 4 agro ecological zones	234,793,276.24	Annual Appropriations, states, development partners, NASC, Seed companies BOA, private sector	2022-2027	FMAFS, states, NAERLS, ARCN, IARC, ADPs, Development Partners, NARIs organized farmers group, Commodity/Market associations

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Priority Crops for Self-Sufficiency						
Goal	Objectives	Key Activity/project	Resources required (N)	Funding source	Time frame	Key Actors
<b>13. Enhance Castor Value Chain to reduce oil import dependency</b>	Increase Castor production by 50% and linked farmers with the oil extraction industry	Develop and implement a strategy for Castor production, processing, and marketing	20,000,000.00	Annual Appropriations, NADF, states, development partners, NASC, Seed companies BOA, private sector	2022-2023	FMAFS, states, NAERLS, ARCN, IARC, ADPs, Development Partners, NARIs organized farmers group, Commodity Association, Market Associations
		Encourage production and distribution of breeder seeds and foundation seeds for Castor farmers	986,200,000.00	Annual Appropriations, states; development partners, NIRSAL, NASC, ARCN, BOA, NCRI, IAR, private sector	2022-2026	FMAFS, states, NAERLS, ARCN, IARC, ADPs, Development Partners, private sector
		Coordination of the production of 240MT of Breeder seed and Foundation seed of castor seeds	7,500,000.00	Annual Appropriations, states, development partners, NASC, Seed companies BOA, private sector	2022-2027	NASC, FMAFS, NARIS, ARCN, Seed Companies

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Priority Crops for Self-Sufficiency						
Goal	Objectives	Key Activity/project	Resources required (N)	Funding source	Time frame	Key Actors
		Certification of 20Ha of certified seed fields for quality assurance	26,375,000.00	Annual Appropriations, states, development partners, NASC, Seed companies BOA, private sector	2022-2027	NASC, <del>FMAFS</del> , NARIS, ARCN, Seed Companies
		Develop special project on farmer organization and sensitization; facilitate Knowledge Transfer on Good Agricultural Practices	140,000,000.00	Annual Appropriations, states; development partners, NIRSAL, NASC, ARCN, BOA, NCRI, IAR, private sector	2022-2027	<del>FMAFS</del> , states, NAERLS, ARCN, IARC, ADPs, Development Partners, NARIs organized farmers group, Commodity/Market associations
		Facilitate access to finance and market linkages	70,000,000.00	Annual Appropriations, states; development partners, NIRSAL, NASC, BOA, BOI, NCRI, private sector	2022-2027	<del>FMAFS</del> , states, NAERLS, ARCN, IARC, ADPs, Development Partners, NARIs organized farmers group, Commodity/Market Associations,

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Priority Crops for Self-Sufficiency						
Goal	Objectives	Key Activity/project	Resources required (N)	Funding source	Time frame	Key Actors
						private sector, MFIs
		Establishment of castor Demonstration Plots in castor producing states and deliver extension services	63,000,000.00	Annual Appropriations, states; development partners, NIRSAL, NASC, BOA, NCRI, private sector	2022-2027	FMAFS, states, NAERLS, ARCN, IARC, ADPs, Development Partners, NARIs organized farmers group, Commodity/Market associations
		Facilitate distribution of quality inputs and packaging such Herbicides (Herb zyme), Growth Enhancer (Agrizyme) and carbon free jute bags to farmers	330,000,000.00	Annual Appropriations, states; development partners, NIRSAL, NASC, BOA, private sector	2022-2027	FMAFS, states, NAERLS, ARCN, IARC, ADPs, Development Partners, NARIs organized farmers group, Commodity/Market associations

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Priority Crops for Self-Sufficiency						
Goal	Objectives	Key Activity/project	Resources required (N)	Funding source	Time frame	Key Actors
		Attract investments and support the establishment of Castor Hydraulic Oil Press Processing Mills	105,000,000.00	Annual Appropriations, MT&I & states; NIPC, development partners, NIRSAL, BOA, private sector	2022-2027	FMAFS, states, stats investment promotion agencies, NAERLS, ARCN, IARC, ADPs, Development Partners, NARIs organized farmers group, Commodity/Market associations
		Conduct sensitization and training on the use of Castor Hydraulic Oil Press	52,500,000.00	Annual Appropriations, states; development partners	2022-2026	FMAFS, states, NAERLS, ARCN, IARC, ADPs, Development Partners, NARIs organized farmers group, Commodity/Market associations

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Priority Crops for Self-Sufficiency						
Goal	Objectives	Key Activity/project	Resources required (N)	Funding source	Time frame	Key Actors
		Conduct capacity building on post-harvest handling, sorting packaging of castor products.	34,650,000.00	Annual Appropriations, states; development partners, NIRSAL, NASC, private sector	2022-2026	FMAFS, states, NAERLS, ARCN, IARC, ADPs, Development Partners, NARIs organized farmers group, Commodity/Market associations
<b>14. Rehabilitation of Coconut productivity and value addition</b>	To increase production, productivity, and processing of Coconut 2. To replace old grove and creation of new plantation	1. Revive and support production, distribution, and handling of Coconut seedling in 22 Coconut producing states	408,114,769.00	Annual Appropriations, NADF, states; development partners, NIRSAL, NASC, ARCN, private sector	2022-2027	FMAFS, states, NAERLS, ARCN, IARC, ADPs, Development Partners, NARIs organized farmers group, Commodity/Market associations
		Coordination and Certification of 2,997Ha of certified coconut seedlings fields for quality assurance	20,687,500.00	Annual Appropriations, states, development partners, NASC, Seed companies BOA, private sector	2022-2027	NASC, FMAFS, NARIS, ARCN, Seed Companies

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Priority Crops for Self-Sufficiency						
Goal	Objectives	Key Activity/project	Resources required (N)	Funding source	Time frame	Key Actors
		Development of a seed system for coconut seedlings	17,000,000.00	Annual Appropriations, states, development partners, NASC, Seed companies BOA, private sector	2023-2024	NASC, <del>FMAFS</del> , NARIS, ARCN, Seed Companies
		Establishment of 3 no demonstration plots and promotion of integrated agro-ecological farming system.	217,661,210.00	Annual Appropriations, States, development partners, NASC, Private sector, BOA, NIRSAL,	2022-2027	<del>FMAFS</del> , states, NAERLS, ARCN, IARC, ADPs, Development Partners, NARIs organized farmers group, Commodity Association, Market Associations
		Attract investment and support the establishment of Coconut processing hubs	387,709,032.00	Annual Appropriations, states; development partners, NIPC, NIRSAL, NASC, private sector	2022-2027	<del>FMAFS</del> , states, investment promotion agencies, NAERLS, ARCN, IARC, ADPs, Development Partners, NARIs organized farmers group,

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Priority Crops for Self-Sufficiency						
Goal	Objectives	Key Activity/project	Resources required (N)	Funding source	Time frame	Key Actors
						Commodity/Market associations
		Facilitate access to quality input by farmers, egg growth enhancers and labor-saving technologies	68,019,130.00	Annual Appropriations, states; development partners, NIRSAL, NASC, ARCN, private sector	2022-2027	FMAFS, states, NAERLS, ARCN, IARC, ADPs, Development Partners, NARIs organized farmers group, Commodity/Market associations
		Conduct sensitization and training on Coconut Oil extraction and processing through Integrated Coconut Based Agroforestry System and Plantation Establishment	266,263,597.00	Annual Appropriations, states; development partners, NIRSAL, NASC, private sector		FMAFS, states, & Investment promotion agencies, NAERLS, ARCN, IARC, ADPs, Development Partners, NARIs organized farmers group, Commodity

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Priority Crops for Self-Sufficiency						
Goal	Objectives	Key Activity/project	Resources required (N)	Funding source	Time frame	Key Actors
						Association, Market Associations
		Facilitate access to finance and market/processors	35,000,000.00	Annual Appropriations, states; development partners, NIRSAL, NASC, ARCN, BOA, BOI, private sector	2022-2027	FMAFS, states, NAERLS, ARCN, IARC, ADPs, Development Partners, NARIs organized farmers group, Commodity/Market associations
<b>15. Gum Arabic development for Import Substitution</b>	1. To increase production of gum Arabic by 30% 2. To attract private investment for processing of gum Arabic	Support the establishment of 2,997ha of Gum Arabic plantation	765,800,665.00	Annual Appropriations, NADF, states; development partners, NIRSAL, NASC, private sector	2022-2027	FMAFS, states, NAERLS, ARCN, IARC, ADPs, Development Partners, NARIs organized farmers group, Commodity/Market associations

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Priority Crops for Self-Sufficiency						
Goal	Objectives	Key Activity/project	Resources required (N)	Funding source	Time frame	Key Actors
		Coordination and Certification of 2,997Ha of certified Gum Arabic seedlings fields for quality assurance	44,962,500.00	Annual Appropriations, states, development partners, NASC, Seed companies BOA, private sector	2022-2027	NASC, <del>FMAFS</del> , NARIS, ARCN, Seed Companies
		Development of a seed system for Gum Arabic seedlings	19,800,000.00	Annual Appropriations, states, development partners, NASC, Seed companies BOA, private sector	2023-2024	NASC, <del>FMAFS</del> , NARIS, ARCN, Seed Companies
		Establish 14 No. Model Gum Arabic processing centers to ensure quality assurance in Gum Arabic production.	630,000,000.00	Annual Appropriations, states; development partners, NIRSAL, NASC, ARCN, private sector	2022-2026	<del>FMAFS</del> , states, NAERLS, ARCN, IARC, ADPs, Development Partners, NARIs organized farmers group, Commodity/Market associations

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Priority Crops for Self-Sufficiency						
Goal	Objectives	Key Activity/project	Resources required (N)	Funding source	Time frame	Key Actors
		Promote the production of improved Gum Arabic seedlings	252,000,000.00	Annual Appropriations, development partners, NASC, ARCN, private sector	2022-2027	FMAFS, states, NAERLS, ARCN, IARC, ADPs, Development Partners, NARIs organized farmers group, Commodity/Market Associations
		Support the establishment of 21 No. Model Gum Arabic Demonstration Farms	210,000,000.00	Annual Appropriations, states; development partners	2022-2026	FMAFS, states, NAERLS, ARCN, IARC, ADPs, Development Partners, NARIs organized farmers group, Commodity/Market associations, private sector
		Deliver quality inputs and equipment support to farmers	350,000,000.00	Annual Appropriations, states; development partners, NIRSAL, NASC, private sector	2022-2027	FMAFS, states, NAERLS, ARCN, IARC, ADPs, Development Partners, NARIs organized farmers group, Commodity/Market associations

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Priority Crops for Self-Sufficiency						
Goal	Objectives	Key Activity/project	Resources required (N)	Funding source	Time frame	Key Actors
		Facilitate Stakeholders engagements to deliver support on access to market, finance and extension to farmers/Gum Arabic Tappers	280,000,000.00	Annual Appropriations, states; development partners, NIRSAL, BOA, BOI, private sector	2022-2027	FMAFS, states, NAERLS, ARCN, IARC, ADPs, Development Partners, NARIs organized farmers group, Commodity/Market associations
		Facilitate Knowledge transfer on quality assurance and market opportunities	280,000,000.00	Annual Appropriations, states; development partners, NIRSAL, NASC, private sector	2022-2027	FMAFS, states, NAERLS, ARCN, IARC, ADPs, Development Partners, NARIs organized farmers group, Commodity/Market associations
		Attract private investments in Arabic gum processing and marketing	87,500,000.00	Annual Appropriations, states; NIPC, development partners, private sector	2022-2027	FMAFS, states, investment promotion agencies, NAERLS, ARCN, IARC, ADPs, Development Partners, NARIs organized farmers group, Commodity/Market

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Priority Crops for Self-Sufficiency						
Goal	Objectives	Key Activity/project	Resources required (N)	Funding source	Time frame	Key Actors
						associations
<b>16. Self-sufficiency in oil palm production and processing</b>	1. To promote plantation of oil palm and increase production by 30% 2. To Promote the adoption of good practices in harvest, post- harvest handling 3. To Strengthen production capacity of the oil palm processors	Support production and distribution of different categories of improved oil palm sprouted nuts/seedlings	1,112,112,745.00	Annual Appropriations, NADF, states; development partners, NIRSAL, NASC, BOA, private sector	2022-2027	FMAFS, states, NAERLS, ARCN, IARC, ADPs, Development Partners, NARIs organized farmers group, Commodity/Market associations
		Coordination and Certification of 2,997Ha of certified oil-palm seedlings fields for quality assurance	44,962,500.00	Annual Appropriations, states, development partners, NASC, Seed companies BOA, private sector	2022-2027	NASC, FMAFS, NARIS, ARCN, Seed Companies

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Priority Crops for Self-Sufficiency						
Goal	Objectives	Key Activity/project	Resources required (N)	Funding source	Time frame	Key Actors
		Development of a seed system for improved oil palm sprouted nuts/seedlings	23,800,000.00	Annual Appropriations, states, development partners, NASC, Seed companies BOA, private sector	2023-2024	NASC, <del>FMAFS</del> , NARIS, ARCN, Seed Companies
		Provide support to encourage farmers to access quality inputs and equipment such as: growth enhancer, polybags, oil palm cargo tricycles, automated mills, etc.	1,345,214,297.00	Annual Appropriations, states; development partners, NIRSAL, NASC, BOA, private sector	2022-2027	<del>FMAFS</del> , states, NAERLS, ARCN, IARC, ADPs, Development Partners, NARIs organized farmers group, Commodity Association, Market Associations
		Mobilize investments for the establishment/equipping of oil palm processing Centres/companies	493,138,679.00	Annual Appropriations, states; NIPC, development partners, BOA, BOI, private sector	2022-2027	<del>FMAFS</del> , states, NAERLS, ARCN, IARC, ADPs, Development Partners, NARIs organized farmers group, Commodity/Market associations

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Priority Crops for Self-Sufficiency						
Goal	Objectives	Key Activity/project	Resources required (N)	Funding source	Time frame	Key Actors
		Establishment of model oil palm Demonstration farms/Technical Backstopping on quality assurance	576,139,863.00	Annual Appropriations, states; development partners, NASC, private sector	2022-2025	FMAFS, states, NAERLS, ARCN, IARC, ADPs, Development Partners, NARIs organized farmers group, Commodity/Market associations
		Knowledge Transfer/Technology transfer on modern techniques in oil palm nursery establishment, field production, harvesting, processing, and packaging	553,883,760.00	Annual Appropriations, states; development partners, NASC, private sector	2022-2027	FMAFS, states, NAERLS, ARCN, IARC, ADPs, Development Partners, NARIs organized farmers group, Commodity/Market associations
		Facilitate access to extension, finance, and link farmers to market/processors	150,000,000.00	Annual Appropriations, MT&I, states; development partners, NIRSAL, NASC, BOA, BOI, private sector	2022-2027	FMAFS, states, NAERLS, ARCN, IARC, ADPs, Development Partners, NARIs organized farmers group, Commodity/Market associations

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Priority Crops for Self-Sufficiency						
Goal	Objectives	Key Activity/project	Resources required (N)	Funding source	Time frame	Key Actors
17. Self-Sufficiency in cocoa production and processing	1. To increase Cocoa production by 30% 2. To Improve productivity and processing leading to finished products	Facilitate and support the production of IMPROVED HYBRID COCOA POD/SEEDLINGS: (CRIN TC 1-8)/TC-series	730,628,684.00	Annual Appropriations, NADF, states; development partners, NIRSAL, NASC, ARCN, BOA, private sector	2022-2026	FMAFS, states, NAERLS, ARCN, IARC, ADPs, Development Partners, NARIs organized farmers group, Commodity/Market associations
		Coordination and Certification of 2,997Ha of certified seedlings fields for HYBRID COCOA POD/SEEDLINGS: (CRIN TC 1-8)/TC-series for quality assurance	44,962,500.00	Annual Appropriations, states, development partners, NASC, Seed companies BOA, private sector	2022-2027	NASC, FMAFS, NARIS, ARCN, Seed Companies
		Development of a seed system for HYBRID COCOA POD/SEEDLINGS: (CRIN TC 1-8)/TC-series	21,200,000.00	Annual Appropriations, states, development partners, NASC, Seed companies BOA, private sector	2023-2024	NASC, FMAFS, NARIS, ARCN, Seed Companies

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Priority Crops for Self-Sufficiency						
Goal	Objectives	Key Activity/project	Resources required (N)	Funding source	Time frame	Key Actors
		Support and encourage farmers to access quality Agro chemicals	745,241,257.68	Annual Appropriations, states, development partners, NASC, Seed companies BOA, private sector	2022-2027	FMAFS, states, NAERLS, ARCN, IARC, ADPs, NAFDAC, Development Partners, NARIs organized farmers group, Commodity/Market associations, private sector
		Support and encourage farmers to access quality Agro inputs/equipment	760,146,082.83	Annual Appropriations, states, development partners, NASC, Seed companies BOA, private sector	2022-2027	FMAFS, states, NAERLS, ARCN, IARC, ADPs, Development Partners, NARIs organized farmers group, Commodity/Market associations

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Priority Crops for Self-Sufficiency						
Goal	Objectives	Key Activity/project	Resources required (N)	Funding source	Time frame	Key Actors
		Facilitate access to extension, finance and linkage with market/processors	250,000,000.00	Annual Appropriations, states, development partners, NASC, Seed companies BOA, private sector		FMAFS, states, NAERLS, ARCN, IARC, ADPs, Development Partners, NARIs organized farmers group, Commodity/Market associations, private sector
		Attract private investment to set up cottage industry and Chocolate manufacturing	775,349,004.49	Annual Appropriations, states, development partners, NASC, Seed companies BOA, private sector	2022-2027	FMAFS, states, investments promotion agencies, ARCN, IARC, ADPs, Development Partners, NARIs organized farmers group, Commodity/Market associations, private sector

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Priority Crops for Self-Sufficiency						
Goal	Objectives	Key Activity/project	Resources required (N)	Funding source	Time frame	Key Actors
		Establishment of Demonstration Plot: Budwood Garden	790,855,984.58	Annual Appropriations, states, development partners, NASC, Seed companies BOA, private sector	2022-2025	FMAFS, states, NAERLS, ARCN, IARC, ADPs, Development Partners, NARIs organized farmers group, Commodity/Market associations
<b>18. Self-sufficiency in Tomato Production and Processing</b>	Increase production of tomato fruits by 30% 2. Improve yields of tomato fruits to permit small scale and industrial processing	Facilitate the establishment of model demonstration commercial greenhouses and nursery infrastructure in Tomato producing Communities	597,000,000.00	Annual Appropriations, states, development partners, NASC, Seed companies BOA, private sector	2022-2026	FMAFS, states, NAERLS, ARCN, IARC, ADPs, Development Partners, NARIs organized farmers group, Commodity/Market associations, private sector
		Coordination of the production of 3 classes of seeds (breeder seeds, foundation seeds certified seeds)	5,000,000.00	Annual Appropriations, states, development partners, NASC, Seed companies BOA, private sector	2022-2027	NASC, FMAFS, NARIS, ARCN, Seed Companies

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Priority Crops for Self-Sufficiency						
Goal	Objectives	Key Activity/project	Resources required (N)	Funding source	Time frame	Key Actors
		Certification of 200Ha of certified seed fields for quality assurance	37,462,500.00	Annual Appropriations, states, development partners, NASC, Seed companies BOA, private sector	2022-2027	NASC, <del>FMAFS</del> , NARIS, ARCN, Seed Companies
		Support and encourage farmers to adopt quality seeds varieties and provide access to technical services in the management of pests and diseases in tomato fields.	1,273,050,000.00	Annual Budget of <del>FMAFS</del> & states; development partners, NIRSAL, NASC, ARCN, BOA, private sector	2022-2026	<del>FMAFS</del> , states, NAERLS, ARCN, IARC, ADPs, Development Partners, NARIs organized farmers group, Commodity/Market associations
		Provide inputs/equipment, technical support and incentives for farmers to adopt modern Tomato Drying Platforms, and encourage the establishment of cottage processing and packaging	2,247,500,000.00	Annual Budget of <del>FMAFS</del> , FMT&I & states; development partners, NIRSAL, BOA, private sector	2022-2027	<del>FMAFS</del> , states, NAERLS, ARCN, IARC, ADPs, Development Partners, NARIs organized farmers group, Commodity/Market associations

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Priority Crops for Self-Sufficiency						
Goal	Objectives	Key Activity/project	Resources required (N)	Funding source	Time frame	Key Actors
		Facilitate access to finance and link farmers to out growers/markets/processors	200,000,000.00	Annual Budget of <b>FMAFS</b> , FMT&I & states; development partners, NIRSAL, BOA, private sector	2022-2027	<b>FMAFS</b> , states, NAERLS, ARCN, IARC, ADPs, Development Partners, NARIs organized farmers group, Commodity/Market associations, private sector
		Conduct technology transfer on good agricultural practices and post-harvest handling	660,100,000.00	Annual Appropriations, states, development partners, NASC, Seed companies BOA, private sector	2022-2027	<b>FMAFS</b> , states, NAERLS, ARCN, IARC, ADPs, Development Partners, NARIs organized farmers group, Commodity/Market associations
<b>19. Development of Artemisia Production for Diseases Control</b>	To promote the production of Artemisia biomass 2. To attract investments for Artemisinin production & Artemisinin based Combination Therapy (ACT) for control of malaria	Develop strategy for Artemisia production, processing and marketing	20,000,000.00	Annual Appropriations, NADF, states, development partners, NASC, Seed companies BOA, private sector	2022-2027	<b>FMAFS</b> , states, NAERLS, ARCN, IARC, ADPs, Development Partners, NARIs organized farmers group, Commodity/Market associations, private sector

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Priority Crops for Self-Sufficiency						
Goal	Objectives	Key Activity/project	Resources required (N)	Funding source	Time frame	Key Actors
		Identify and incentivize farmers with quality inputs, seeds, herbicide, growth Enhancers and facilitate the provision of takeoff infrastructure, such as land clearing, boreholes	1,300,000,000.00	Annual Appropriations, states, development partners, NASC, Seed companies BOA, private sector	2022-2027	FMAFS, states, & Investment promotion agencies, NAERLS, ARCN, IARC, ADPs, CSOs, Development Partners, NARIs organized farmers group, Commodity Association, Market Associations
		Conduct sensitization and capacity building on plant nursery green house and mobilize technical and equipment support to farmers	550,000,000.00	Annual Appropriations, states, development partners, NASC, Seed companies BOA, private sector	2022-2027	FMAFS, states, NAERLS, ARCN, IARC, ADPs, Development Partners, NARIs organized farmers group, Commodity/Market associations

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Priority Crops for Self-Sufficiency						
Goal	Objectives	Key Activity/project	Resources required (N)	Funding source	Time frame	Key Actors
		Coordinate and support the delivery of technical Backstopping and extension services of the cropping activities	250,000,000.00	Annual Appropriations, states, development partners, NASC, Seed companies BOA, private sector	2022-2027	FMAFS, states, NAERLS, ARCN, IARC, ADPs, Development Partners, NARIs organized farmers group, Commodity/Market associations
		Conduct training on the identified farmers on Artemisia value chain Development	760,000,000.00	Annual Appropriations, states, development partners, NASC, Seed companies BOA, private sector	2022-2027	FMAFS, states, NAERLS, ARCN, IARC, ADPs, Development Partners, NARIs organized farmers group, Commodity Association, Market Associations
		Development of technical know-how of Artemisia farmers on production, commercialization, and utilization for the control of malaria	500,000,000.00	Annual Appropriations, states, development partners, NASC, Seed companies BOA, private sector	2022-2027	FMAFS, states, NAERLS, ARCN, IARC, ADPs, Development Partners, NARIs organized farmers group, Commodity/Market associations, private sector

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Priority Crops for Self-Sufficiency						
Goal	Objectives	Key Activity/project	Resources required (N)	Funding source	Time frame	Key Actors
		Attract fresh investments to utilize Artemisia product and byproducts and encourage buy-in from the pharmaceutical industries to produce Artemisia for manufacture of ACT	900,000,000.00	Annual Appropriations, states, NIPC, development partners, NASC, Seed companies BOA, private sector	2022-2027	FMAFS, states, investment promotion agencies, NAERLS, ARCN, IARC, ADPs, Development Partners, NARIs organized farmers group, Commodity/Market associations, private sector
		Develop and deliver incentives for investors and develop a framework for a public-private partnership	7,200,000,000.00	Annual Appropriations, states, NIPC, development partners, NASC, Seed companies BOA, private sector	2022-2027	FMAFS, states, & Investment promotion agencies, NAERLS, ARCN, IARC, ADPs, CSOs, Development Partners, NARIs organized farmers group, Commodity Association, Market Associations, private sector

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Priority Crops for Self-Sufficiency						
Goal	Objectives	Key Activity/project	Resources required (N)	Funding source	Time frame	Key Actors
<b>20. Sunflower development for Vegetable oil extraction</b>	1. Achieve 40% increase in the production of Sunflower 2. Promote processing of Sunflower to increase nutritious oil consumption	Facilitate production and distribution of improved Sunflower seeds to identified farmers	700,000,000.00	Annual Appropriations, NADF, states, development partners, NASC, Seed companies BOA, private sector	2022-2027	FMAFS, states, NAERLS, ARCN, IARC, ADPs, Development Partners, NARIs organized farmers group, Commodity/Market associations
		Coordination of the production of three (3) classes of seeds (breeder, foundation seeds and certified seeds of sunflowers seeds)	7,500,000.00	Annual Appropriations, states, development partners, NASC, Seed companies BOA, private sector	2022-2027	NASC, FMAFS, NARIS, ARCN, Seed Companies
		Certification of 211Ha of certified seed field for quality assurance	13,187,500.00	Annual Appropriations, states, development partners, NASC, Seed companies BOA, private sector	2022-2027	NASC, FMAFS, NARIS, ARCN, Seed Companies

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Priority Crops for Self-Sufficiency						
Goal	Objectives	Key Activity/project	Resources required (N)	Funding source	Time frame	Key Actors
		Mobilize for the delivery of quality inputs, equipment, and pesticides to farmers	750,000,000.00	Annual Appropriations, states, development partners, NASC, Seed companies BOA, private sector	2022-2027	FMAFS, states, NAERLS, ARCN, IARC, ADPs, Development Partners, NARIs organized farmers group, Commodity/Market associations
		Develop robust capacity building programme to deliver technical Backstopping of the cropping activities	1,250,000,000.00	Annual Appropriations, states, development partners, NASC, Seed companies BOA, private sector	2022-2027	FMAFS, states, NAERLS, ARCN, IARC, ADPs, Development Partners, NARIs organized farmers group, Commodity/Market associations
		Deploy multi-stakeholder approach to ease access to finance and market/processor to farmers	1,000,000,000.00	Annual Appropriations, states, development partners, NASC, Seed companies BOA, private sector	2022-2027	FMAFS, states, NAERLS, ARCN, IARC, ADPs, Development Partners, NARIs organized farmers group, Commodity Association, Market Associations

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Priority Crops for Self-Sufficiency						
Goal	Objectives	Key Activity/project	Resources required (N)	Funding source	Time frame	Key Actors
		Attract private investment in small- and large-scale processing of Sunflower	900,000,000.00	Annual Appropriations, states, development partners, private sector BOA, private sector	2022-2027	FMAFS, states, NAERLS, ARCN, IARC, ADPs, Development Partners, NARIs organized farmers group, Commodity/Market associations
		Design and deliver incentives to farmers and processors of Sunflower to lessen technology and inputs challenges	2,200,000,000.00	Annual Appropriations, states, development partners, NASC, private sector BOA, private sector	2022-2027	FMAFS, states, NAERLS, ARCN, IARC, ADPs, Development Partners, NARIs organized farmers group, Commodity/Market associations
		Strengthen farmer organization/cooperatives and facilitate linkages to input supplies and markets	1,500,000,000.00	Annual Appropriations, states, development partners, private sector BOA, private sector	2022-2027	FMAFS, states, NAERLS, ARCN, IARC, ADPs, Development Partners, NARIs organized farmers group, Commodity/Market associations

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Priority Crops for Self-Sufficiency						
Goal	Objectives	Key Activity/project	Resources required (N)	Funding source	Time frame	Key Actors
<b>Implementation Matrix: Export Diversification Crops</b>						
<b>National income diversification through exportable crops</b>	1. To achieve 30% increase in production of Sesame/Acha, Ginger, cashew, shea, rubber, cocoa, onion, hibiscus, and mango 2. To enhance products quality to meet exports standard 3. To enhance the capacity of value chain actors in identifying and harnessing exporting opportunities 4. To certify all exportable commodities and ensure adherence to quality standards	Support production and distribution of improved seed varieties and other Input	10,992,055,235.00	Annual Appropriations, NADF, states, development partners, NASC, Seed companies BOA, private sector	2022-2026	FMAFS, states, NAERLS, ARCN, IARC, ADPs, Development Partners, NARIs organized farmers group, Commodity/Market associations, private sector
		Implement standardization of agro inputs using GAP and promotion of organic chemicals and growth enhancers	11,314,062,964.98	Annual Appropriations, states, development partners, NASC, Seed companies BOA, private sector	2022-2027	FMAFS, states, & Investment promotion agencies NAERLS, ARCN, IARC, ADPs, CSOs, Development Partners, NARIs organized farmers group, Commodity

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Priority Crops for Self-Sufficiency						
Goal	Objectives	Key Activity/project	Resources required (N)	Funding source	Time frame	Key Actors
						Association, Market Associations
		Facilitate technology adoption in production and on-farm processing	4,300,000,000.00	Annual Appropriations, states, development partners, FMSTI, Seed companies BOA, private sector	2022-2027	FMAFS, states, NAERLS, ARCN, IARC, ADPs, Development Partners, NARIs organized farmers group, Commodity/Market associations
		Facilitate access to extension, finance, and link farmers to market/processors	2,500,000,000.00	Annual Appropriations, states, development partners, private sector BOA, BOI, NIRSAL, private sector	2022-2027	FMAFS, states, NAERLS, ARCN, IARC, ADPs, Development Partners, NARIs organized farmers group, Commodity/Market associations

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Priority Crops for Self-Sufficiency						
Goal	Objectives	Key Activity/project	Resources required (N)	Funding source	Time frame	Key Actors
		Develop investment promotion programme to attract large scale investments in standardized processing for local consumption and exports	300,000,000.00	Annual Budget of <b>FMAFS</b> , NIPC, states, development partners, NIRSAL, BOA, private sector	2022-2027	<b>FMAFS</b> , states, NAERLS, ARCN, IARC, ADPs, Development Partners, NARIs organized farmers group, Commodity/Market associations
		Develop an Export Certification for Value Chain: Vegetables, Soybeans, Cassava, Sorghum and Chili pepper Sugarcane, Yam, Garlic, Cinnamon, Turmeric, Sunflower and Nsukka Yellow Pepper, Snail, Honey, Cow Horns/Hooves	900,000,000.00	Annual Appropriations, of NAQS, NASC, BOI, BOA, private sector	2022-2027	NAQS, <b>FMAFS</b> , NAFDAC, SON
		Develop an Export Certification Value Chain for ginger, cashew, shear, rubber, cocoa, onion, hibiscus, and mango	450,000,000.00	Annual Appropriations, of NAQS, BOI, BOA, private sector	2022-2027	NAQS, <b>FMAFS</b> , NAFDAC, SON

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Priority Crops for Self-Sufficiency						
Goal	Objectives	Key Activity/project	Resources required (N)	Funding source	Time frame	Key Actors
		Develop export strategy and build capacity for farmers, processors, and exporters	1,500,000,000.00	Annual Appropriations, MMT&I, NEPC, NEXIM Bank, states, development partners, NIRSAL, BOA, private sector	2022-2027	FMAFS, states, NAERLS, ARCN, Development Partners, private sector
	Certification of Plant Farms for Export	Certifying plant farms solely for export (vegetable, fruits, and seeds)	350,000,000.00	Annual Appropriations, of NAQS, BOI, BOA, private sector	2022-2027	NAQS, FMAFS, NAFDAC, SON
	Certification of Plants and plants products for Export	Capacity Building on the required standard for plant and plant products export  Facilitating certification processes for Plants and plants products export.	350,000,000.00	Annual Appropriations, of NAQS, BOI, BOA, private sector	2022-2027	NAQS, FMAFS, NAFDAC, SON
<b>Total</b>			<b>470,811,198,906.47</b>			

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## 4.9 Implementation Matrix Fisheries and Development of Marine Resources

Lead Organisation/Department: Federal Department of Fisheries

Goal	Objectives	Key Activity/project	Resources required	Funding source	Time Frame	Key Actors
Transition to self-sufficiency in the fish production.	To promote the deployment of modern production and processing techniques 2. To increase fish production by 50% 3. To reducing fish importation by 40%	Fast track the implementation of Fisheries and Aquaculture Import Reduction Strategy	2,532,870,000.00	Appropriation, states, CBN, NADF, BOA, NAIC, NIRSAL, BOI, Private Sector and Development Partners	2022-2027	FMAFS, NIFFR, NIOMR, FMWR, FMITI, NIPC, Development partners, States, CBN, BOI, BOA, NAIC, Private sector, ARCN, fish farmers associations
		Implement Commercial Aquaculture Development Programme	2,715,524,400.00	Appropriation, CBN, BOA, BOI		
		Mobilize private investments for the establishment of integrated fish-farm estates and fish feeds production enterprises	304,650,000.00	Appropriation, BOA, BOI		

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<b>Goal</b>	<b>Objectives</b>	<b>Key Activity/project</b>	<b>Resources required</b>	<b>Funding source</b>	<b>Time Frame</b>	<b>Key Actors</b>
		Sensitize and train farmers/cooperatives/firms on the use of lantern fish species and the commercial fish feed production	1,275,603,00.00	Appropriation, development partners, private sector		
		Encourage commercial fish cage culture in the marine and freshwaters	345,605,200.00	Appropriation, CBN, BOA, NAIC, NIRSAL, BOI,		
		Implement national residue monitoring plan	515,600,500.00	Appropriation, development partners, private sector		
		Facilitate the establishment of large-scale commercial fish farms	10,250,000,000.00	Development Partners		
		Provide incentives to attract investment in the culture of Tilapia, Carp, and other indigenous fish species	1,236,851,005.00	Appropriation, CBN, NIPC, development partners, private sector		
		Reactivate National Aquaculture Technology Transfer Centers	310,695,931.00	Appropriation, development partners, private sector		

<b>Goal</b>	<b>Objectives</b>	<b>Key Activity/project</b>	<b>Resources required</b>	<b>Funding source</b>	<b>Time Frame</b>	<b>Key Actors</b>
		Establish regional fish disease laboratories for diagnosis and management of fish disease outbreaks	220,419,120.00	Appropriation, development partners, private sector		
		Build capacity of fish farmers, extension agents, fisheries professionals, veterinary doctors on fish disease identification and management	814,965,500.00	Appropriation, states, development partners, private sector		
		Provide incentives to improve seeds by the private sector	2,930,452,000.00	Appropriation, CBN, NIPC, NIRSAL, BOI		
		Support studies on Brood-stock improvement for catfish, and on improved fingerlings of tilapia, carp, heterotis and other indigenous species and deploy extension services to fish farmers and processors	719,819,000.00	Appropriation, development partners, private sector		
		Implement standardization and certification of fish for local consumption and export.	765,361,800.00	Appropriation, development partners, private sector		

<b>Goal</b>	<b>Objectives</b>	<b>Key Activity/project</b>	<b>Resources required</b>	<b>Funding source</b>	<b>Time Frame</b>	<b>Key Actors</b>
Intensify Commercial Coastal & Inland Fishing	Attract N20 billion fresh private investments in the exploitation of fisheries in the coastal and inland waters for value addition for nutrition sufficiency and growth	Enhancement (stocking) of lakes, dams, and reservoirs nationwide with high-quality fish fingerlings involving host communities	1,615,335,440.00	Appropriation, ADF, states, CBN, NIPC, development partners, private sector		
		Establish structured landing sites at major inland water landing sites for private investors	1,514,098,000.00	Appropriation, development partners, private sector		
		Encourage investments in technology upgrading for commercial coastal fishing.	330,082,431.00	Appropriation, development partners, private sector		
		Promote investments in ornamental and sport fishing	3,061,447,200.00	Appropriation, development partners, private sector		
		Encourage alternative (Climate smart) livelihood Programmes for artisanal fishing in the inland water areas	518,900,750.00	Appropriation, CBN, BOA, NAIC, NIRSAL, BOI		

<b>Goal</b>	<b>Objectives</b>	<b>Key Activity/project</b>	<b>Resources required</b>	<b>Funding source</b>	<b>Time Frame</b>	<b>Key Actors</b>
Massive Private sector drive for Marine Industrial Fisheries development.	To attract 200 billion new private investment in deep-sea fishing	Provide incentives for investments and technology upgrading, (sophisticated trawlers, safety equipment, etc., and build capacity for commercial deep-sea fishing	130,061,447,200.00	Appropriation, Private Sector, CBN, Special Interventions, Development partners		
	To significantly improve monitoring and surveillance	Promote private investments in offshore fisheries exploitation such as the Tuna and the Lantern fisheries	1,555,120,600.00	Appropriations		
	Enhance security of marine waters.	Up-grade Established Vessel Monitoring Centres	2,127,560,300.00	Appropriations		
Value added fish industry	Increase fish processing and post-harvest Management by 30%	Support the establishment of fish processing centres nationwide	816,385,920.00	Appropriation, Private Sector, CBN, BOI, Special Interventions, Development partners		
		Support the establishment and upgrading of Fish cold-chain	11,357,168,840.00	Appropriation, CBN, BOA, NAIC, NIRSAL, BOI		
		Encourage processing and marketing of fish	867,410,040.00	Appropriation, CBN, BOA, NAIC, NIRSAL, BOI		

Goal	Objectives	Key Activity/project	Resources required	Funding source	Time Frame	Key Actors
		Conduct farmer training and enlightenment on farm-gate handling, management of harvests and storage	318,900,750.00	Appropriation, CBN, BOA, NAIC, NIRSAL, BOI		
		Support the establishment of dedicated private-sector driven fish markets for live and processed fish in the proximity of major landing sites across the country.	2,296,085,400.00	Appropriation, CBN, BOA, NAIC, NIRSAL, BOI,		
		Build capacity for the standardization of fish and marine resources for quality and exports	5,001,275,603.00	Appropriation, CBN, BOA, NAIC, NIRSAL, BOI		

Goal	Objectives	Key Activity/project	Resources required (N)	Funding source	Time frame	Key Actors
		<b>Total</b>	<b>182,104,032,930</b>			

<p><b>Enhance the readiness of Priority Commodities to harness diverse markets</b></p>	<p>1. Strengthen clusters, rural cottage industries and rural nodal centres  2. Expand processing capacity of Agricultural product/value addition  3. Support standardization of commodities for exports</p>	<ul style="list-style-type: none"> <li>Establish and strengthen Agribusiness Incubation/technology Centres to enhance production and post-harvest management</li> <li>Training on Agribusiness to MSMEs cooperatives and farmers associations across the six (6) geopolitical zones.</li> <li>Conduct sensitization and training on harnessing the gains of AfCFTA</li> <li>Establishment/Upgrading of product aggregation centres.</li> </ul> <p>Establishment/upgrading of Agro-processing centres along Silos complexes and major markets across the country</p> <ul style="list-style-type: none"> <li>Establish, upgrade and link Agro-industrial estates to markets</li> </ul> <p>Establish, upgrade, and link large scale integrated rice, diary, meat, and fish processing industries, including the establishment, upgrading and market linkage of Small-scale Milk</p> <p>Aggregation/processing/preservation centers</p> <ul style="list-style-type: none"> <li>Abattoirs and meat Preservation facilities</li> <li>Cold chain storage facilities</li> </ul>	<p>17,530,000,000</p>	<p>Appropriation, NADF, Private sector, Development finance &amp; Development partners</p>	<p>2022-2027</p>	<p><del>FMAFS, FMTI, FMST, States, Universities, Farmer organisations, Entrepreneurship/Technology incubation centres/agencies</del>  FMAFS, States, Universities, Farmer organisations, private sector, Entrepreneurship centres.</p>	<p><del>Deleted[Onilogbo, Omobolanle (IFPRI-Nigeria)]: FMARD</del>  Deleted[Onilogbo, Omobolanle (IFPRI-Nigeria)]: FMARD</p>
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<p><b>Attain Access to viable Markets</b></p>	<p>1. To provide safe and organized markets for inputs and commodities 2. To facilitate access to domestic and export markets</p>	<p>1. Establish and upgrade commodity markets to serve domestic and international markets 2. Production and dissemination of quality control standard/certification guidelines for producers, processors &amp; marketers for effective product identification and traceability. 3. Support for Establishment/Upgrading of Fish cold chain storage management system 4. Establishment of Market information service center for crops/market coverages. 5. Establishment/upgrading of lay-by market at highway express 6. Documentation of Nigeria's non-oil exportable products, their sources, and potentials for foreign markets 7. Tracing, establishment and documentation of processes, persons and institutions involved in the export business 8. Training and capacity building of Cooperative exporters 9. Establishment and promotion of Cooperatives Model Centers for produce aggregation, processing, standardization, and marketing 10. Mobilization of cooperatives to be involved as buying agents. 11. Upgrade and organise livestock and fish markets 12. Link abattoirs/meat processing facilities</p>	<p>55,264,899,704</p>	<p>Appropriation, Private sector, Development finance &amp; Development partners.</p>	<p>2022-2027</p>	<p>FMAFS, NEPC, NEXIM, Donor Agencies &amp; Private Sector.</p>	<p>Deleted[Onilogbo, Omobolanle (IFPRI-Nigeria)]: FMARD</p>
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		to market 13. Establish synergy between the livestock value chain operators with NAITS to unlock market opportunities 14. Implement zero reject programme to increase the marketability of commodities				
			72,794,899,704.00			

#### 4.10 Implementation Matrix: Market Development

Organisation/Department: Agribusiness and Marketing (**FMAFS**)

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#### 4.11: Securing Agricultural Land and Investment

Lead Department: **P&PC**

Implementation Matrix: Securing Agricultural Land and Investment						
Goal	Objectives	Key Activity/project	Resources required (N)	Funding source	Time frame	Key Actors
<b>Security enhancement</b>	Ensure security of farmers, produce and investments	Establish Partnership for Supporting Agricultural Land and Investment (PSALI) Structures at national and sub-national levels  Supervision & Monitoring of PSALI	1,300,000,000	Appropriation, Special Intervention, NADF, Development Partners, states, Private Sector	2022 – 2024	FGN, Nigeria Police Force, Nigeria Army, Navy and Airforce, NCDC, States, CSOs, FBOs, Organized Farmers groups, Development Partners and Traditional institutions, Hunters & Forest Guards,

<b>Implementation Matrix: Securing Agricultural Land and Investment</b>						
<b>Goal</b>	<b>Objectives</b>	<b>Key Activity/project</b>	<b>Resources required (N)</b>	<b>Funding source</b>	<b>Time frame</b>	<b>Key Actors</b>
						Community leaders
		Promotion of agro-rangers with knowledge of the terrain for securing agricultural land and investment	11, 250,000,000	Appropriation, Special Intervention, NADF, Development Partners, states, Private Sector	2022 – 2027	Nigeria Police Force, Nigeria Army, NCDC, states, CSOs, FBOs, Organized Farmers groups, Development Partners and Traditional institutions, Hunters & Forest Guards, Community leaders
		Set up organized hunters, forest rangers/marshals to support PSALI	16, 300,000,000	Appropriation, Special Intervention, NADF, Development Partners, states, Private Sector	2022 – 2027	Nigeria Police Force, Nigeria Army, NCDC, states, CSOs, FBOs, Organized Farmers groups, Development Partners and Traditional institutions, Hunters & Forest Guards, Community leaders
		Create a special role for traditional Institutions/community leaders under PSALI	11, 200,000,000	Appropriation, Special Intervention, NADF, Development Partners, states, Private Sector	2022 – 2027	Nigeria Police Force, Nigeria Army, NCDC, states, CSOs, FBOs, Organized Farmers groups, Development Partners and Traditional institutions, Hunters & Forest Guards, Community leaders
		Engage relevant stakeholders on security of farmland and farming activities	1, 300,000,000	Appropriation, Special Intervention, NADF, Development Partners, states, Private Sector	2022 – 2027	Nigeria Police Force, NCDC, Nigeria Army, states, CSOs, FBOs, Organized Farmers groups, Development

<b>Implementation Matrix: Securing Agricultural Land and Investment</b>						
<b>Goal</b>	<b>Objectives</b>	<b>Key Activity/project</b>	<b>Resources required (N)</b>	<b>Funding source</b>	<b>Time frame</b>	<b>Key Actors</b>
						Partners and Traditional institutions, Hunters & Forest Guards, Community leaders
		Enhanced security of agricultural assets	5,000,000,000	Appropriation, Special Intervention, NADF, Development Partners, states, Private Sector		Nigeria Police Force, NCDC, Nigeria Army, states, CSOs, FBOs, Organized Farmers groups, Development Partners and Traditional institutions, Hunters & Forest Guards, Community leaders
			47,150,000,000.00			

## 5.0 Implementation Matrix: Cross Cutting Interventions

### 5.1 Development of Rural Infrastructural

#### Implementation Matrix: Rural Development

#### Lead Organisation/Department: Rural Development (**FMAFS**)

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S/N	Goal	Objectives	Key Activity/project	Resources required (N)	Funding source	Time frame	Key Actors
	<b>Transformation of rural infrastructure for increased productivity and livelihood (National Farm Settlement and Rural Development)</b>	1. Increase by 25%, Infrastructure that provides access to markets, transportation and lightening up agricultural production clusters;	i . Construction of 23,680Km of (Concrete paved, Asphalt, interlocking and earth roads) rural roads	(i-vi) 727,408,466,000	Annual <b>FMAFS</b> , Appropriation, NADF, Intervention fund, Development Partner, PPP	2023 - 2027	<b>FMAFS</b> , FMWH, FMWR, REA, States, Farmer organisations, private sector, Development partners
		2. Increase access to water and sanitation facilities to enhance healthcare, sanitation and irrigation utilization to human, crops and livestock;	ii. Provision of 38,700 Nos of Solar Powered boreholes,				
			iii. Provision of 555 Nos of light Water Treatment Plants,				
		3. Providing infrastructure needs assessment support for project planning and	iv. Provision and Installation of 580,500 Nos of Solar Street Light units				

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<b>S/ N</b>	<b>Goal</b>	<b>Objectives</b>	<b>Key Activity/project</b>	<b>Resources required (N)</b>	<b>Funding source</b>	<b>Time frame</b>	<b>Key Actors</b>
		<p>implementation;</p> <p>4. Increase the participation of rural dwellers by 30% in infrastructure program development and implementation for sustainability and ownership</p> <p>5. To build capacity and empowerment of women and youths to enhance livelihood and entrepreneurship development through non-farm enterprises</p>	<p>v. Provision of 7,400 Nos Rural Sanitary facilities (with boreholes) in Hospitals, Schools, markets, etc.</p> <p>vi. Provision of 1,610Nos of Rural Markets (with boreholes and sanitation facilities)</p> <p>Conduct of National Rural Infrastructure Survey (needs assessment, facility inventory and Rural Data bank management information system) to be executed in 36 states and FCT</p> <p>viii. Mobilization and Awareness creation for 9,435 Nos rural dwellers in the 36 States and FCT on "Community Development, Sustainability of government projects, Healthy living and Nutrition</p>	<p>100,000,000</p> <p>300,000,000</p>			

<b>S/ N</b>	<b>Goal</b>	<b>Objectives</b>	<b>Key Activity/project</b>	<b>Resources required (N)</b>	<b>Funding source</b>	<b>Time frame</b>	<b>Key Actors</b>
			Upgrade of rural livestock markets – provision of bore halls, cattle crush, food storage facility, fencing and drainages.	3,000,000,000			
			Upgrade rural fishery markets- provision of cold storage, sanitation and drainages.	2,000,000,000			
			ix. Build/upgrade 150 empowerment centres in rural communities to support agro-allied enterprise development and enhanced livelihood	3,000,000,000			
			x. Construction of 132 Nos rural low-cost Housing structures to promote affordable shelter and security in selected farm settlements and remote agricultural cluster communities	5,000,000,000			

S/N	Goal	Objectives	Key Activity/project	Resources required (N)	Funding source	Time frame	Key Actors
				740,808,466,000			

## 5.2 NUTRITION

### LEAD ORGANISATION/DEPARTMENT: FDA

#### IMPLEMENTATION MATRIX: NUTRITION

Goal	Objectives	Key Activity/project	Resources required (N)	Funding source	Time frame	Key Actors
Enhanced Awareness and adoption of nutritious food	To promote the consumption and utilization of bio-fortified staple foods (Pro Vitamin A Cassava and Maize, Orange Fleshed Sweet Potato) among 1500 vulnerable households across the Nation through nationwide awareness.	Awareness creation/sensitization workshop on the production, consumption, and utilization of bio-fortified staple foods (Pro Vitamin A Cassava and maize, Orange Fleshed Sweet Potato) among 10,000 vulnerable households across the Nation	170,000,000.00	Annual appropriations, NADF, states, development partners, Special Intervention, BOA, BOI, MFIs, private sector	2022 - 2027	FMAFS, states ADPs, NARIs, NAERLS and Development partners, Farmer, and Community Organizations
		Conduct three Regional Stakeholders engagement workshop (every year) to link aggregators of farm produce and farmers for effective support to homegrown school feeding programme in Nigeria.	150,000,000.00		2022 - 2027	

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Goal	Objectives	Key Activity/project	Resources required (N)	Funding source	Time frame	Key Actors
	To promote availability, accessibility, affordability, and adoption of tested technologies to minimize post-harvest losses	Building the capacity of producers on the use of cold chain facilities, packaging materials, and plastic crates.	1,080,000,000.00		2022 - 2027	
		Provision of plastic crates, zero fly bags to support producers of grains, fruits, and vegetables	130,000,000.00		2022 - 2027	
Effective implementation of National Food and Nutrition Security Programme	i) To promote homestead gardens for improvement and diversification of bio fortified crops ii) To promote the consumption and utilization of bio-fortified staple foods iii) To increase production of nutrient dense food crops and reduce Vitamin A Deficiency amongst women of reproductive age, lactating mothers and children under 5 years. iv) To increase the self-reliance of vulnerable people in Nigeria and hence increase food security v) To ensure the ability of households to mitigate, adapt to and recover from shocks in a manner that	Facilitate homestead production of Bio-fortified Staple Crops for increased access to micro-nutrients, including customized nutrition inputs Packs (Pro Vitamin A Maize, OFSP, Fruits & Vegetable) for vulnerable households (Women and Children)	5, 720,000,000	Annual Appropriation, NADF, states, development partners, Special Intervention, BOA, BOI, MFIs, private sector	2022 - 2027	FMAFS, states, ARCN, NARIs, Food & Strategic Reserve, ADPs, NASC, Development partners, Farmer and Community Organizations, private sector
		Procurement and Distribution of FG – FMAFS, Customized Organic Store Products Support Packs to discourage the use of dangerous chemicals on food produce among households in 36 States and the FCT				
		Conduct training of trainers' workshop on homestead garden; production of bio fortified crops to increase	1,210,000,000.00		2022 - 2027	

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Goal	Objectives	Key Activity/project	Resources required (N)	Funding source	Time frame	Key Actors
	reduces acute and chronic vulnerability. vi) To improve the management of natural resources towards producing food in extreme weather conditions.	access to micronutrient rich foods at household level				
	i) To provide support to the operation of young farmers clubs ii) to supply improved farm inputs for crop and animal farming in schools iii) inculcate the habit of growing crops and rearing animal at homes	Procurement and Distribution of FG- <del>FMAFS</del> , customized Nutrition input starter parks (Pro Vitamin A Maize, OFSP, Fruits & Vegetable) for 360 schools in 6 geopolitical zones	1, 150,000,000.00		2022 - 2027	
		Training on establishment and management of school garden for 500 Agricultural Science teachers from 36 states and the FCT	1,200,000,000.00		2022 - 2027	
		Capacity building of identified cluster farmers for NHGSFP on GAP and latest technology (crops, livestock/poultry production) for 1,000 farmers and extension agents in 36 states and the FCT	1,250,000,000.00		2022 - 2027	
	i) To raise awareness on the risk of Aflatoxin contamination and	Establishment of 37 Hectares of demonstration farms on Good Agricultural Practices in 36 States and the FCT	1, 180,000,000.00		2022 - 2027	

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Goal	Objectives	Key Activity/project	Resources required (N)	Funding source	Time frame	Key Actors
	recommend appropriate mitigation strategies along value chains ii) To build capacity of actors in the implementation of programmes to reduce and control Aflatoxin. iii) To ensure greater support for actions that promote Food Safety.	Conduct workshop on dangers of aflatoxin and its mitigation in Nigeria for households across 6 geopolitical zones	1,220,000,000.00		2022 - 2027	
		Development of communication materials on Aflatoxin and its mitigation	40,000,000.00		2022 - 2027	
			<b>14,500,000,000.00</b>			

### 5.3: Promoting Digital and Climate SMART Agriculture

Lead Organisation/Department: ALCCMS

Goal	Objectives	Key Activity/project	Resources required (N)	Funding source	Time frame	Key Actors
Digital Agriculture adopted	1. To enhance precision farming and agriculture through mass data collection and effective decision making 2. To effectively and	1. Establishment of 37 climate smart agriculture villages for digital real time knowledge-sharing platforms to small holder farmers 2. Training of 50, 0000 youth on Digital agriculture 3. Provision of automatic weather station and localised seasonal rainfall prediction 4. Development and upgrading	55,500,000,000	Appropriation, NADF, states, Development Partners, Intervention funds, private sector	2022 - 2027	<del>FMAFS</del> , FME, FMST, FMC, FME, FMWR, Private sector, NWRI, farmer organisations, universities, ARCN, NIMET, Nigeria Hydrological Agency

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Goal	Objectives	Key Activity/project	Resources required (N)	Funding source	Time frame	Key Actors
	efficiently utilize soil resources for optimum agricultural production and food security.	<p>of curriculum for digital agriculture in tertiary institutions</p> <p>5. Provision of early warning systems on disease/ pest information in rural communities</p> <p>6. Facilitate the deployment and utilization of digital technologies and innovations, such as remote-sensing, yield mapping, GPS guidance systems, food Blockchain, artificial intelligence (AI), etc. in farming communities</p> <p>7. Development of ABC of SLC (a community-based peer learning project) program to enhance peer group learning by extension workers</p> <p>8. Provision of Smart-Input Pad for digital-based determination of appropriate input application</p> <p>9. Develop programmes to promote digital agricultural extension services</p> <p>10. Promotion of home-grown ICT driven agriculture for enhanced agricultural productivity</p>				

Goal	Objectives	Key Activity/project	Resources required (N)	Funding source	Time frame	Key Actors
Climate Smart Agriculture Intensified	To accelerate sustainable agriculture nation-wide based on agro-ecological zones	<ol style="list-style-type: none"> <li>1. Provision and deployment of Sustainable Land and Water Management technology to rural farmers</li> <li>2. Establishment and promotion of private sector-driven Climate Smart Agriculture hubs to enrich soils, improve watersheds, promote organic farming, enhance ecosystem support services and tele-education for farmers</li> <li>3. Development and deployment of Climate Risks Management and Weather Index Insurance</li> <li>4. Dissemination of CSA products to small holder farmers</li> </ol>	64,000,000,000	Appropriation, states, Development Partners, Intervention funds, private sector	2022 - 2027	<del>FMAFS</del> , FME, FMWR, BoA, NAIC, NiMet, , ARCN, farmer organisations and Private Sector
Establishment of 15 Ha pilot demonstration on Agroforestry, Famers' Managed Natural Regeneration (FMNR) and Conservation Agriculture for Improved Food	<ol style="list-style-type: none"> <li>1. To increase carbon sequestration and enhance farmers livelihood</li> <li>2. To demonstrate &amp; promote the application of Climate Smart Agriculture (CSA)</li> </ol>	<ol style="list-style-type: none"> <li>1. Provide 15-Ha Pilot Demonstration</li> <li>2. Provide Agroforestry: Tree species – Moringa (ecologically specific, high economic value) with Soybean crop in alleys</li> <li>3. Deliver effective Management – Pre-emergence herbicide, planting, beating up, fertilization- manure, weeding, security - fencing, human security, fire tracing, etc., Fertilization-manure &amp; NoduMax</li> </ol>	6,000,000,000	Appropriation, states, Development Partners, Intervention funds, private sector	2022 - 2027	<del>FMAFS</del> , (ALCCMS), Federal Ministry of Environment, Private sector, Research Institutions, FRIN, CRIN, RRIN, NIFOR) Private sector.

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Goal	Objectives	Key Activity/project	Resources required (N)	Funding source	Time frame	Key Actors
Security and Livelihood	adaptive & mitigation tools in reducing climate change impact to agriculture 3. To promote the use of ecologically specific tree species for soil conservation & fertility enhancement 4. Promotion of afforestation and reforestation of agricultural land against draught and desertification.	soybean seed treatment 4. Facilitate the installation of Solar powered borehole & surface irrigation system 5. Conduct participatory sensitization/advocacy workshops				

Goal	Objectives	Key Activity/project	Resources required (N)	Funding source	Time frame	Key Actors
Promotion of agricultural residue briquette (e.g., rice husks, wood shavings and corn cob) for household energy to reduce greenhouse gas emission and deforestation in farming communities	<ol style="list-style-type: none"> <li>To reduce deforestation and greenhouse gas emission in households</li> <li>To promote conservation agriculture technology.</li> <li>To increase farmers productivity towards food security.</li> </ol>	<ol style="list-style-type: none"> <li>Encourage the fabrication and deployment of pre-processing equipment (cutter/clipper, dryer, drying unit; Material handling equipment (screw conveyor, holding bins and briquetting press.</li> <li>Conduct training and extension to farmers on sustainable agriculture</li> <li>Support relevant MDAs and private sector to ease access to finance and market for green produce</li> </ol>	11,000,000,000	Appropriation, states, Development Partners, Intervention funds, private sector	2022 - 2027	FMAFS (ALCCMS), FMST, Private sector, ARCN, Farmer organisations and universities
Set- up of technical committee on biofuel energy development to enhance greenhouse gas emission reduction	<ol style="list-style-type: none"> <li>To fast-track transition to renewable energy</li> </ol>	<ol style="list-style-type: none"> <li>Massive Sensitization/awareness creation campaign on the use of biofuel energy</li> <li>Development of blueprint on biomass implementation</li> <li>Develop protocol for sites development</li> <li>Conduct workshops on renewable energy and sustainability with all agricultural / environment research institution</li> <li>Conduct Training of youth and farmers on biofuel energy</li> <li>Conduct stakeholder</li> </ol>	8,000,000,000	Appropriation, NADF, states, Development Partners, Intervention funds, private sector	2022 - 2026	FMAFS (ALCCMS), FMST, NGOs, CSOs, Private sector, FDA, AHS, FISS, ARCN, Development Partners, Academic Institutions, and farmer organisations

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Goal	Objectives	Key Activity/project	Resources required (N)	Funding source	Time frame	Key Actors
		engagements on the adaptation of biofuel with CSO/NGO				
			<b>144,500,000,000</b>			

#### 5.4 Data and Information Management

Lead Department/Organisation: P&PC

Goal	Objective	Key Activities	Resources Required (N)	Funding Source	Time Frame	Key Actors
Economic Impact Assessment of Initiatives and Interventions in the Sector	1. To assess the contributions of the sector to the nation's economy and impact on the	i. Engagement with the value chain desks across the sub-sectors for data gathering	1, 300,000,000	Appropriated Annual Budget and NADF	2021 - 2027	FMAFS, FMFB&NP, NBS, NCS, FMITI, NAC Development Partners and Research Institutions

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Goal	Objective	Key Activities	Resources Required (N)	Funding Source	Time Frame	Key Actors
	livelihood of citizenry in terms of food sufficiency, job creation, wealth generation and import 2.To Track changes brought in by the initiatives and interventions	<ul style="list-style-type: none"> <li>ii. Field works and visits to Primary data collections /Desk Research</li> <li>iv. Design of Survey Instrument/ Pre-Test Administration. For data collections</li> <li>v. Impact of key interventions across the value chains with respect to Fiscal Policy Measures, AfCFTA Implementation Imperatives in the Sector, and other projects</li> <li>vi. Data validation and documentation</li> </ul>				
Market Information and Price Intelligence Studies	i. To study, track, and document prices of agricultural food commodities in all the states of the	i. Field works and visits to Primary data collections/Desk Research	1, 200,000,000	Appropriated Annual Budget & NADF	2021 - 2027	<b>FMAFS</b> , States, Development Partners and Research Institutions

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Goal	Objective	Key Activities	Resources Required (N)	Funding Source	Time Frame	Key Actors
	Federation on quarterly basis					
	ii. To show trend analysis or fluctuations in market prices of agricultural commodities across states as well as seasonal variation iii To respond to food scarcity concerns of the nation via price mechanism in the context of affordability, accessibility and availability	i. Field works and visits to Primary data collections/Desk Research  i. Field works and visits to Primary data collections/Desk Research				
	iv To update stakeholders on the Demand & Supply Gap of basic agricultural commodities	i. Field works and visits to Primary data collections/Desk Research				

Goal	Objective	Key Activities	Resources Required (N)	Funding Source	Time Frame	Key Actors
	v. To evolves a strategic and sustainable market price data collection framework to serve as feedback for policy decision	i. Field works and visits Primary data collections /Desk Research				
Development of Agricultural E Directory	To create E-Directory platform to support Research Communication	<p>i. Creation of Directory for Departments and Institutes and other relevant Agencies</p> <p>ii. Content creation and verifications of information provided.</p> <p>iii Implementation of Knowledge Management scheme for the NATIP</p>	200,000,000	Appropriated Annual Budget & NADF	2021 - 2027	FMAFS, Research Institutions and Development partners
Agricultural Performance Survey (Wet & Dry seasons)	To assess the performance sector during the dry and wet seasons and forecast the likely production outputs for the year	i. Meetings and sensitization	1,400,000,000	Appropriated Annual Budget & ADF	2021 - 2027	FMAFS, NiMet, NBS & NAERLS

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Goal	Objective	Key Activities	Resources Required (N)	Funding Source	Time Frame	Key Actors
	ii. To identify constraints to increased agricultural productivity. iii. To identify conditions affecting effective technology transfer and advisory services within the seasons. iv. To provide feedback for policy making.	ii. Desk and field visits/surveys Data Collection  iii. Data harmonization meetings				
Data Generation and Management	To create a Repository of Agricultural Data for the Ministry	i Data Recovery and Buyback operations to establish baseline. ii. Technology-enabled software and other Surveys devices iii Data Regeneration and Renewal/Cloud Hosting of Harmonized Data iv. Institutional Linkages for Full Deployment of Data	1, 250,000,000	Appropriated Annual Budget	2021 - 2027	FMAFS, CBN, NBS & FMITI

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Goal	Objective	Key Activities	Resources Required (N)	Funding Source	Time Frame	Key Actors
		Services for end users				
		iv. Institutional Linkages for Full Deployment of Data Services for end users				
National Agricultural Exportable Commodities Statistics Survey	i. To provide structured data on Exportable Agricultural Commodities.	i. Training of Supervisors and Enumerators.	150,000,000	Appropriated Annual Budget & NADF	2021 - 2027	FMAFS, CBN, NBS & FMITI
		ii. Field work Activities				
	ii. To provide production estimate of exportable commodities at National & State levels.	iii. Instrument Design and Retrieval.				
		iv. Data Collection, Processing and Analysis as well as Reporting and Publication				
iii. To obtain socio-economic data and demographic characteristics of Holders within the Households						

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Goal	Objective	Key Activities	Resources Required (N)	Funding Source	Time Frame	Key Actors
	iv. To ascertain the spread of the cultivation of each of the exportable crops within Nigeria in terms of the area cultivated by State					
Statistics Sector Strategy Framework	i. To Revamp the Data Collection Structure at National and Sub National levels.	Engagement meeting at the National and State levels with relevant Bodies under the National Statistical System ** (NASCO, SASCO & TDCAM)	150,000,000	Appropriated Annual Budget & NADF	2021 - 2027	FMAFS, NBS, CBN, National Consultative Committee on Statistics, and Development Partners
	ii. Develop Sub Sector Statistics framework (Crops, Livestock & Fisheries)					
	ii. To identify major data gap and priorities in line sectoral policies.					
National Agricultural Sample Survey &	I. Collect current base line data on	i. Training of Supervisors and Enumerators.	1,450,000,000	Appropriated Annual Budget & NADF	2021 - 2027	FMAFS, FMFB&NP, NBS,

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<b>Goal</b>	<b>Objective</b>	<b>Key Activities</b>	<b>Resources Required (N)</b>	<b>Funding Source</b>	<b>Time Frame</b>	<b>Key Actors</b>
National Agricultural Sample Census	the structure and character of agriculture in Nigeria;	ii. Field work Activities				
	ii. Generate disaggregated agricultural data that will address planning, monitoring and evaluation as well as policy formulation on the various government's programme geared towards food security and improve nutrition, promote sustainable agriculture etc.;	iii. Instrument Design and Retrieval.				
	iii. Collect data on socio-economic characteristics of the household for agrarian reforms and rural development	Pre-survey Activities: Listing, Instrument development for the conduct of National Agricultural Sample Survey & National Agricultural Sample				

Goal	Objective	Key Activities	Resources Required (N)	Funding Source	Time Frame	Key Actors
		Census.				
	iv. Provide structure and templates for sustainable annual agricultural surveys	Data Collection, Processing and Analysis as well as Reporting and Publication				
	v. Provide data useful for administrative purposes at the level of government.					
<b>Total</b>			<b>7,100,000,000</b>			

## 5.5: Strengthening Agricultural lending and insurance

### Implementation Matrix: Strengthening Agricultural lending and insurance

Lead Organisation/Department: Agribusiness and Marketing (**FMAFS**)

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Goal	Objectives	Key Activity/project	Resources required (N)	Funding source	Time frame	Key Actors
<b>Enhanced access to Microcredit, Insurance &amp; Financing across agricultural</b>	1. Encourage local government to implement savings and loans schemes 2. Increase	1. Multi stakeholder advocacy for the increase of Agricultural budget to 10% of the national Annual Budget 2. Develop a national	164,082,352,586	Appropriation, CBN, MOFI, NADF, BOA, NAIC, NIRSAL, BOI, DBN, Private Sector and Development Partners,	2023-2027	<b>FMAFS</b> , CBN, NIRSAL, BOA, BOI, NAIC, Farmer Associations, MFIs, Entrepreneurship Centres, ARCN

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Goal	Objectives	Key Activity/project	Resources required (N)	Funding source	Time frame	Key Actors
<b>value chains</b>	<p>access micro lending for rural farmers, cooperatives</p> <p>3. Expand insurance coverage in rural communities</p> <p>4. Sensitise and create awareness of farmers.</p> <p>5. Studies on sustainable micro-insurance product.</p> <p>6. Deploy Agricultural Insurance programmes to support agricultural hubs</p>	<p>programme on rural savings and loans scheme 3.</p> <p>Implemented Integrated Rural Micro Finance programme to deliver 1 digit interest lending to farmers/cooperative</p> <p>4. Integrate insurance in agricultural lending</p> <p>5. Build capacity of farmers/cooperative on agricultural finance and insurance</p> <p>6. Fast tract the recapitalization and reorganization of BOA</p> <p>7. Fast tract the recapitalization NAIC</p>				

Goal	Objectives	Key Activity/project	Resources required (N)	Funding source	Time frame	Key Actors
<b>Streamlined and coordinated Policy funds</b>	1. Develop a multi stakeholder approach to better manage CBN interventions in agriculture 2. Encourage multi-MDA synergy in agricultural lending. 3. Increase transparency and efficiency of government's agricultural lending	1. Re-evaluate and improve the delivery of Anchor Borrowers' Programme and Agricultural Guarantee Credit Scheme 2. Develop multi-MDA structure with private sector participation to deliver transparent agricultural lending 3. Develop a national intervention to synergize NAIC, NIRSAL and private agricultural insurance providers to increase access to agricultural insurance and reduce transaction costs	200,000,000			
		<b>Total</b>	164,282,352,586			

## 5.6: Access to Quality Agricultural Inputs

### Lead Organisation/Department: Farm Inputs Support Services

Goal	Objectives	Major Programmes	Key Activities	Resources Required	Funding Sources	Timeline	Key Actors
Enhance availability and affordability of quality inputs for increased productivity and competitiveness	<p>1. To ensure effective implementation of National Fertilizer Quality Control Act 2019</p> <p>2. To increase Farmers' productivities, household incomes and guaranty food security</p>	Implementation of National Fertilizer Quality Control Act and ECOWAS Regulatory System	<p>(i) Facilitate quarterly joint investigation surveillance and monitoring of fertilizer production, utilization and Distribution activities with the relevant security agencies</p> <p>(ii) Facilitate periodic assessment and inspection of inorganic fertilizer companies facilities and products to ensure compliance with the required set standard</p> <p>(iii) Conduct sensitization on the provisions of the National Fertilizer Quality Control and the Regulations including that of ECOWAS</p> <p>(iv) Provision for monitoring of Fertilizer operator's Production and Distribution including raw materials and finished products utilization</p> <p>(v) Printing and wide dissemination of copies of NFQC Act, 2019 and the regulations of 2020 as well as the ECOWAS Regulatory system and</p>	8,922,000,000	Appropriation, NADF, CBN, BOA, NIRSAL, BOI, Development partners, Private Sector	2022-2027	<p>FMAFS, states, NAERLS, ARCN, IARC, ADPs, NASC, Development Partners, NARIs organized farmers group, Commodity/Market Association, private sectors</p>

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Goal	Objectives	Major Programmes	Key Activities	Resources Required	Funding Sources	Timeline	Key Actors
			<p>harmonized fertilizer analysis manual</p> <p>(vi) Collection and analysis of fertilizer and other related product samples for examination</p> <p>(vii) Conduct trainings for laboratory technologists/technicians on approved quality standards</p> <p>(viii) Conduct trainings for different categories of officers and technicians on good practices and requirements of the Fertilizer Act.</p> <p>(ix) Conduct regular maintenance and upgrading of the registration e-portal to accommodate additional processing and registration activities</p> <p>(x) Procurement of monitoring and inspection vehicles and motorcycles for the smooth implementation of the National Fertilizer Quality Control Act and the Regulations</p> <p>(xi) Finalize harmonization of the National Fertilizer Quality Control Act and Regulations with the</p>				

Goal	Objectives	Major Programmes	Key Activities	Resources Required	Funding Sources	Timeline	Key Actors
			<p>draft Agrochemicals (Agricultural pesticides) Bill and the Regulations</p> <p>(xii) Procurement of relevant equipment and materials for effective implementation of Fertilizer Act (xiii)Conduct periodic market survey on prices of Fertilizers, Seeds, Agro Chemicals etc. nationwide,</p> <p>(xiv) Conduct Assessment of the facilities of River Basin Development Authority for dry season farming</p> <p>(xv) conduct technical training workshop for farmers and agro-dealers on handling and storage of fertilizers (inorganic, organic, agro-chemicals and bio fertilizers for optimum crop productivity,</p> <p>(xvi)Conduct assessment visits to accredited laboratories in the six geo-political zones</p>				
	To guarantee quality of agricultural inputs in line with the set standards	Establishment of National Fertilizer Quality Control Reference laboratory	Land acquisition and design of the National Reference Laboratory Complex	481,560,000	Appropriation, NADF, CBN, BOA, BOI, Development partners, private sector	2022-2025	FMAFS, states, NAERLS, ARCN, IARC, NASC, Development Partners,

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Goal	Objectives	Major Programmes	Key Activities	Resources Required	Funding Sources	Timeline	Key Actors
	To increase cultivation of safe and highly nutritious food with a view to increasing the country's FOREX earnings	Development, promotion, and adoption of organic fertilizers across the six (6) agro-ecological zones in the country	(i) Provide support for organic farmers to increase capacities for the large-scale use of organic fertilizers (ii) Establish demonstration plots for the local production and adoption of pure organic farming including complimentary use of organic and inorganic fertilizers amongst the selected farmers (iii) Develop organic agricultural Strategy	7,050,300,000	Appropriation, CBN, BOA, BOI, Development partners, private sector	2022-2027	FMAFS, states, NAERLS, ARCN, IARC, ADPs, NASC, Development Partners, farmers associations, private sector

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Goal	Objectives	Major Programmes	Key Activities	Resources Required	Funding Sources	Timeline	Key Actors
	To make quality agricultural Inputs easily accessible by farmers	To develop a multi - stakeholder programme/initiative to coordinate quality input delivery to farmers	(i)Strengthen supply chain mechanisms and coordinate government departments/agencies in the delivery of quality inputs (ii)Design prototype structure to serve as agro input centers for different categories of agro-dealers (distributors) for nationwide adoption (iii) Conduct nationwide sensitization of agro-dealers/input suppliers on the adoption of the prototype structure(s) (iv) Conduct technical workshops on agricultural inputs handling for farmers and agro-dealers, (v) develop code of conduct and code of practice for fertilizer operators and inputs producers/vendors (v) Establish a robust supervision and monitoring structure to discourage the production, distribution and marketing of sub-standard agro-inputs, especially in rural areas.	4,230,000,000	Appropriation, CBN, BOA, BOI, NIRSAL, NASC, Development partners, private sector	2022-2027	<del>FMAFS, states, NAERLS, ARCN</del> Deleted[Onilogbo, Omobolanle (IFPRI-Nigeria)]: FMARD IARC, ADPs, NASC, NAFDAC, SON, Development Partners, farmers associations, private sector

Goal	Objectives	Major Programmes	Key Activities	Resources Required	Funding Sources	Timeline	Key Actors
	To ensure access to fertilizers and other critical agricultural inputs by small-holder farmers	To develop and implement National Agricultural Growth Scheme and Agro-Pocket	(i) Provision of subsidized farm inputs to small-holder farmers using multi-stakeholder approach (ii) Design and implement multi-stakeholder agro-pocket platform using credible data of farmers	1,250,000,000,000	Appropriation, CBN, BOA, BOI, NIRSAL, NASC, Development partners, private sector	2022-2027	FMAFS, states, NAERLS, ARCN, IARC, ADPs, NASC, Development Partners, farmers associations, private sector Deleted[Onilogbo, Omobolanle (IFPRI-Nigeria)]: FMARD
	1. To build up fertilizer reserves for effective response to shocks 2. To ensure that fertilizer orders are available and accessible in time before the start of the agricultural seasons	Facilitate the construction of fertilizer silos and fertilizer reserves	Land acquisition and construction of the National Fertilizer Silos across the 36 States and FCT in collaboration with the private sector	5,085,600,000	Appropriation, CBN, BOA, BOI, Development partners, private sector	2022-2027	FMAFS, states, ARCN, NASC, Development Partners, farmers associations, private sector Deleted[Onilogbo, Omobolanle (IFPRI-Nigeria)]: FMARD

Goal	Objectives	Major Programmes	Key Activities	Resources Required	Funding Sources	Timeline	Key Actors
	To establish a reliable database of Farmers with their biometric information	Conduct comprehensive Farmers' Registration and Identity Management System	(i)Conduct of farmers' registration with the geolocation of their farms, validations and clustering of farmers (ii)Segregate the Farmers along the different commodity value chains (iii)Categorize farmers according to their operational capacity (iv) Conduct mapping of farmers to agro dealers	3,053,436,000	Appropriation, CBN, BOA, BOI, Development partners, private sector	2022-2027	FMAFS, states, NAERLS, ARCN, IARC, ADPs, NASC, Development Partners, farmers associations, private sector
			<b>Total</b>	<b>1,278,822,896,000</b>			

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## 5.7 Implementation Matrix: Sustainable Use of Land and Water Resources

Lead Organisation/Department: ALCCMS

Goal	Objectives	Key Activity/project	Resources Required	Sources of Funds	Timeline	Key Actors
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Goal	Objectives	Key Activity/project	Resources Required	Sources of Funds	Timeline	Key Actors
<b>Attain Integrated Soil and Water Management</b>	To enhance Soil Fertility and conservation, control flood and erosion for dry season irrigation and recharge underground water sources for all year-round agricultural activities.	<ol style="list-style-type: none"> <li>1. Monitoring of the soil fertility status to evolve appropriate management techniques for each soil type</li> <li>2. Production of nutrient status maps and deployment across the country</li> <li>3. Develop a multi-stakeholder approach to generate and disseminate advisory information on fertilizer use</li> <li>4. Conduct soil survey of the nation's agricultural land</li> <li>5. Facilitate the upgrade and deployment of soil testing equipment and services in laboratories</li> <li>6. Link soil testing laboratories to research institutions and private sector organizations</li> <li>7. Support the reform of the Land use Act</li> <li>8. Fast track Land Development for Soil Mapping</li> <li>9. Develop action plan for the reclamation of degraded agricultural lands</li> <li>10. Promotion of technologies for the correction of soil degradation and reclamation</li> <li>11. Promotion of technologies for sustainable land management</li> <li>12. Promotion of on-farm soil and water conservation technologies for</li> </ol>	210,000,000,000	Appropriations, CBN, Special interventions, NADF, development partners, private sector	2022 - 2027	<del>FMAFS</del> , FME, FMST, FME, FMWR, NAIC, ECN, states, Private sector, NWRI, development partners, farmer organisations

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Goal	Objectives	Key Activity/project	Resources Required	Sources of Funds	Timeline	Key Actors
		<p>water harvesting and soil erosion control</p> <p>13. Promote Watershed delineation and management</p> <p>14. Enhance Water Harvesting infrastructure</p> <p>15. Increase the number and quality of Micro Earth dams</p> <p>16. Increase the number and quality of Mini-irrigation facilities</p> <p>17. Build Soil Conservation (Erosion Control) structures</p> <p>18. Upgrade and maintain Geographic Information (GIS) and Agro-Meteorological Stations</p> <p>19. Source and disseminate information on sustainable soil management</p> <p>20. Maintain a database of all stakeholders involved directly and indirectly in soil-related activities</p> <p>21 Deliver irrigation services to farmers</p> <p>22. Conduct action research on irrigation schemes</p> <p>23. Establishment of Nigerian Soil Information Service (NiSIS) platform</p> <p>24. Fast track the implementation of Transforming Irrigation Management in Nigeria (TRIMING)</p> <p>25. Conduct trainings of soil fertility, conservation, and flood mitigation</p>				

<b>Goal</b>	<b>Objectives</b>	<b>Key Activity/project</b>	<b>Resources Required</b>	<b>Sources of Funds</b>	<b>Timeline</b>	<b>Key Actors</b>
Development of Digital Agriculture	To enhance precision farming and agriculture	<ol style="list-style-type: none"> <li>1. Establishment of climate smart agriculture villages</li> <li>2. Provision of automatic weather station and localized seasonal rainfall prediction</li> <li>3. Development and upgrading of curriculum for digital agriculture in tertiary institutions</li> <li>4. Provision of early warning systems on disease/ pest information to selected rural communities</li> <li>5. Facilitate deployment and utilization of digital technologies and innovations in farming communities</li> <li>6. Development of ABC of SLC (a community-based peer learning project program</li> <li>7. Promotion of Smart-Input Pad for digital-based determination of appropriate input applications</li> <li>8. Promotion of digital agricultural extension services to farmer groups and encouraging voluntary extension services</li> <li>9. Promotion of home-grown ICT driven agriculture for enhanced agricultural productivity</li> </ol>	55,500,000,000	Appropriations, CBN, Special interventions, NADF, development partners, private sector	2022 - 2027	

Goal	Objectives	Key Activity/project	Resources Required	Sources of Funds	Timeline	Key Actors
Adoption of Climate Smart Agriculture	To accelerate sustainable agriculture nation-wide based on agro-ecological zones	<ol style="list-style-type: none"> <li>1. Facilitate the deployment of sustainable Land and Water Management technology to farmers</li> <li>2. Support the establishment of private sector-driven Climate Smart Agriculture hubs</li> <li>3. Facilitate the introduction of Climate Risks Management and Weather Index Insurance</li> <li>4. Dissemination of CSA products to small holder farmers</li> </ol>	53,009,000,000	Appropriations, CBN, Special interventions, development partners, private sector	2022 - 2027	

<b>Goal</b>	<b>Objectives</b>	<b>Key Activity/project</b>	<b>Resources Required</b>	<b>Sources of Funds</b>	<b>Timeline</b>	<b>Key Actors</b>
Conservation Agriculture linked to Food Security and Livelihood	<ol style="list-style-type: none"> <li>1. To increase carbon sequestration and enhance farmers livelihood</li> <li>2. To demonstrate the application of Climate Smart Agriculture (CSA) adaptive &amp; mitigation tools to farmers</li> <li>3. To facilitate the plantation of ecologically specific tree species for soil conservation &amp; fertility enhancement</li> </ol>	<ol style="list-style-type: none"> <li>1. Develop 15-Ha Pilot Demonstration</li> <li>2. Deliver Agroforestry: Tree species – Moringa with Soybean crop in alleys</li> <li>2. Facilitate the installation of Solar powered borehole &amp; surface irrigation system</li> <li>3. Deliver participatory sensitization, advocacy, and training workshops on climate smart agriculture</li> </ol>	2,006,000.000	Appropriations, CBN, Special interventions, development partners, private sector	2022 - 2027	
Clean energy promoted in rural communities	To reduce deforestation and greenhouse gas emission in households	Facilitate the fabrication and deployment of pre-processing equipment for briquetting press.	300,000,000.00	Appropriations, development partners, NADF, private sector	2022 - 2027	

<b>Goal</b>	<b>Objectives</b>	<b>Key Activity/project</b>	<b>Resources Required</b>	<b>Sources of Funds</b>	<b>Timeline</b>	<b>Key Actors</b>
Reduced greenhouse gas emission	<p>1. To create a working committee to sensitize and advocate for the adoption of renewable energy</p> <p>2. To establish a multi stakeholder technical committee to develop bioenergy roadmap</p> <p>3. To develop capacity on green energy</p> <p>4. To develop a blueprint on biofuel development in line with the Energy policy of Nigeria)</p>	<p>1. Sensitization/awareness creation on the use of biofuel energy</p> <p>2. Inauguration of committees on reducing carbon emission</p> <p>3 Develop blueprint on biomass implementation</p> <p>4 Establish Protocol for sites developed</p> <p>5. Conduct workshop with all agricultural / environment research institutions</p> <p>6. Conduct Trainings on biofuel energy</p> <p>7. Conduct workshops on biofuel for CSO/NGO</p>	560,000,000	Appropriations, development partners, private sector	2022 - 2027	
		<b>Total</b>	<b>319,369,000,000.00</b>			

## 5.8: National Food Reserve and Food Security

Implementation Matrix: National Food Reserve and Food Security						
Lead Organisation/ Department: Food and Strategic Reserve						
Goal	Objectives	Key Activity/project	Resources required (N)	Funding source	Time frame	Key Actors
<b>Revamp Strategic Food Reserve for Food security</b>	1. Increase strategic food reserve to 2 million tons of assorted food 2. Enhance on-farm Food Storage Capacity by 30%	Conduct constant review and determination of Optimal Stock Level for the Food and Strategic Reserve and Assessment of the Storage Infrastructure Capacity Conduct regular review and keep records of stock.	400,000,000.00	Presidency, CBN, <b>FMAFS</b> , Development Partners, NADF	2022 - 2027	Presidency, CBN, <b>FMAFS</b> /FSRD, States, ARCN, Farmer Organisations, Development Partners, Private Sector
		Involve relevant research institutions in the management of the national strategic reserve	250,000,000.00	Presidency, CBN, <b>FMAFS</b> , Development Partners, NADF	2022 - 2027	
		Rehabilitation, refurbishment, and maintenance of all strategic silo structures	300,000,000.00	Presidency, CBN, <b>FMAFS</b> , Development Partners, Private Sector, NADF	2022 - 2027	
		Implement transparent physical and financial food reserve system to avoid the destabilization of the market system	50,000,000,000	Presidency, CBN, <b>FMAFS</b> , Development Partners, Private Sector, NADF	2022 - 2027	

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<b>Implementation Matrix: National Food Reserve and Food Security</b>						
<b>Lead Organisation/ Department: Food and Strategic Reserve</b>						
<b>Goal</b>	<b>Objectives</b>	<b>Key Activity/project</b>	<b>Resources required (N)</b>	<b>Funding source</b>	<b>Time frame</b>	<b>Key Actors</b>
		Establish a transparent system for procurement of physical food stock  Provide timely financial intervention for emergencies				
		Restocking of the Strategic Food Reserve system to optimum level with active private sector involvement	111,000,000,000	Presidency, CBN, <del>FMAFS</del> , Private Sector, NADF	2022 - 2027	
	Reduce food inflation as food reserve, storage and food releases improve	Implementation of improved technologies by the use of carbon dioxide sensors in the silo bin	500,000,000	Presidency, CBN, <del>FMAFS</del> , Development Partners, Private Sector, NADF	2023 - 2027	
		Publish and disseminate the National Food Security Strategic Storage document, the procedure manual, and the training manual in line with the ECOWAS protocols	500,000,000.00	Presidency, CBN, <del>FMAFS</del> , Development Partners, NADF	2022 – 2027	
		Conduct periodic Grain Recycling/Turn Around	60,000,000.00	<del>FMAFS</del> /FSRD, NADF	2022 - 2027	
		Conduct periodic Food stock, Sampling and Laboratory analysis for Pesticides Residues using	50,000,000.00	<del>FMAFS</del> /FSRD, NADF	2022 - 2027	

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<b>Implementation Matrix: National Food Reserve and Food Security</b>						
<b>Lead Organisation/ Department: Food and Strategic Reserve</b>						
<b>Goal</b>	<b>Objectives</b>	<b>Key Activity/project</b>	<b>Resources required (N)</b>	<b>Funding source</b>	<b>Time frame</b>	<b>Key Actors</b>
		relevant national research institutions				
		Facilitate food stock releases during emergencies	225,750,000.00	FMAFS/FSRD, NADF	2022 - 2027	
		Conduct constant Food Stock Management in the Silos and Warehouses	350,000,000	FMAFS/FSRD, NADF	2022 - 2027	
		Mopping up excess grains/food through the commodity boards by using an appropriate transparent model that will be devoid of destabilizing the market	185,950,000,000	Presidency, CBN, FMAFS, Development Partners, Private Sector, NADF	2022 - 2027	
		Effectively implement Buffer Stocks and improve the capacity of State actors in food reserve logistics and management	10,150,000,000	FGN, States, Development Partners, Private Sector, NADF	2023 - 2027	
		Set standard, procedures, and modalities for the implementation of Buffer Stock	40,000,000	FGN, States, Development Partners, Private Sector, NADF	2022 - 2027	
		Support the implementation of the on-farm storage scheme by the small-scale farmers through the provision of on farm	1,850,970,000	FGN, States, Development Partners, Private Sector, NADF	2022 - 2027	

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<b>Implementation Matrix: National Food Reserve and Food Security</b>						
<b>Lead Organisation/ Department: Food and Strategic Reserve</b>						
<b>Goal</b>	<b>Objectives</b>	<b>Key Activity/project</b>	<b>Resources required (N)</b>	<b>Funding source</b>	<b>Time frame</b>	<b>Key Actors</b>
		storage facilities, warehouse receipt system and capacity building.				
		<b>Total</b>	<b>351,426,720,000</b>			

### 5.9 Women and Youths in Agriculture

**Lead Organisation/Department: PCU**

<b>Goal</b>	<b>Objectives</b>	<b>Key Activity/project</b>	<b>Resources required (N)</b>	<b>Funding source</b>	<b>Time frame</b>	<b>Key Actors</b>
<b>Women and Youth attracted and Empowered</b>	1. To stimulate the emergence of at least 20 innovative agro-enterprises in rural communities 2. To develop 500,000 young agro-prenuers in high potential value chains 3. To build capacity of 200 youth in digital and smart agriculture in all rural LGAs across the country 4. To integrate youth in the mechanisation programmes	1. Develop and implement multi-stakeholder interventions to foster youth Enterprises in Agriculture and Agribusiness with focus on innovation, value addition and exports	3,000,000,000.00	Appropriation, CBN, NADF, Development Partners, Private sector	2023 – 2027	<del>FMAFS,</del> FMWA, FMTI, Development Partners, youth organizations, Community organisations, Business Schools and Enterprise Development Centres, farmer organisations

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Goal	Objectives	Key Activity/project	Resources required (N)	Funding source	Time frame	Key Actors
		<p>2. Facilitating the establishment of technology based agro enterprises/ industries in rural communities.</p> <p>3. Design and conduct massive training on digital and climate smart agriculture targeting youth in rural communities</p> <p>4. Organise youth cooperatives and networks to promote agriculture and agribusiness in communities and schools</p> <p>5. Incorporate youth organisations in mechanisation and export promotion</p>	12,500,000,000.00	Appropriation, CBN, Development Partners, Private Organizations	2023-2027	<p><del>FMAFS,</del>            FMWA, FMTI, Development Partners, youth organizations, Community organisations, Business Schools and Enterprise Development Centres, farmer organisations</p>
		Streamline and coordinate Youths Empowerment initiatives in Agriculture and Agribusiness.	1,000,000,000.00	Appropriation, CBN, Development Partners, Private sector	2023-2027	<p><del>FMAFS,</del>            FMWA, FMTI, Development Partners, youth organizations, Community</p>

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Goal	Objectives	Key Activity/project	Resources required (N)	Funding source	Time frame	Key Actors
<b>Youth and Gender in Agriculture Mainstreamed</b>	1. To increase productivity and social inclusion of women 2. To increase access to jobs for women and youth 3. To increase women participation in agribusiness and exports					organisations, Business Schools and Enterprise Development Centres, farmer organisations
		1. Develop gender-sensitive agribusiness programmes and implement in all LGs 2. Conduct training of at least 500 women in all LGs on various forms of extension 3. Develop Gender sensitive Climate Change Adaptation and Mitigation Strategy	15,200,000,000.00	Appropriation, NADF, CBN, Development Partners, Private sector	2023-2027	<del>FMAFS,</del> FMWA, FMTI, Development Partners, youth organizations, Community organisations, Business Schools and Enterprise Development Centres, farmer organisations
		4. Embed Gender Action Learning System (GALS) in agribusiness development initiatives	1,800,000,000.00	Appropriation, CBN, Development Partners, Private sector	2023-2027	<del>FMAFS,</del> FMWA, FMTI, Development Partners, youth organizations,

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Goal	Objectives	Key Activity/project	Resources required (N)	Funding source	Time frame	Key Actors
						Community organisations, Business Schools and Enterprise Development Centres, farmer organisations
		5. Development of Web-Based Database for Gender and Yearly Gender Auditing	370,000,000.00	Appropriation, CBN, Development Partners, Private Organizations	2023-2027	<del>FMAFS,</del> FMWA, FMTI, Development Partners, youth organizations, Community organisations, Business Schools and Enterprise Development Centres, farmer organisations

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Goal	Objectives	Key Activity/project	Resources required (N)	Funding source	Time frame	Key Actors
		5. Develop capacity and empower Gender Desk Officers and Stakeholders in the 36 States and FCT	370,000,000.00	Appropriation, CBN, Development Partners, Private sector	2023-2027	FMAFS, FMWA, FMTI, Development Partners, youth organizations, Community organisations, Business Schools and Enterprise Development Centres, farmer organisations
		7. Develop gender-sensitive financing in agribusiness	20,750,000,000.00	Appropriation, CBN, Development Partners, Private sector	2023-2027	FMAFS, FMWA, FMTI, Development Partners, youth organizations, Community organisations, Business Schools and Enterprise Development Centres, farmer

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Goal	Objectives	Key Activity/project	Resources required (N)	Funding source	Time frame	Key Actors
						organisations
		8. Develop capacity and competitiveness of women cooperatives for exports	15,000,000,000.00			
<b>Total</b>			<b>69,990,000,000.00</b>			

## 5.10 Cooperative Revitalization

Cooperative Revitalization		Lead Organisation/Department: Cooperatives				
Goal	Objectives	Key Activity/project	Resources required (N)	Funding source	Time frame	Key Actors
<b>Enabling Environment for Cooperatives development</b>	<p>1.To establish/strengthen 40 Nos Integrated Cooperative Enterprise Centres (ICEC) to facilitate Agricultural and Non-Agricultural Goods production</p> <p>2.To scale up production of agricultural and non-agricultural goods and services to meet national demand and export opportunities</p> <p>3.To establish 774 cooperative one village one product enterprise (COVOP)</p> <p>4.To facilitate the provision and maintenance of equipment and facilities to support cooperatives engaged in agricultural and non-agriculture goods production and marketing</p> <p>5.To build capacity improve cooperative business environment</p>	<p>1. Establish/strengthen 80 Nos Integrated Cooperative Enterprise Centres (ICEC) across the country to facilitate agricultural and non-agricultural goods and services production</p> <p>2.Establishment of 774 COVOP enterprises across the country</p> <p>3.Facilitate the provision of 40 Nos quality assurance and standardization facilities for cooperative businesses and institutions</p> <p>4. Build/upgrade commodity aggregation, bulking and storage facilities</p> <p>5. Develop a national programme on commodity standardization, packaging, and marketing</p> <p>6. Build/upgrade mega cooperatives for value addition and export</p> <p>7. Develop management and entrepreneurial capacity of cooperatives</p>	5,690,162,046.40	Appropriation, CBN, NADF, Development Partners and Private sector	2022-2027	FMAFS, FMTI, CBN, NIRSAL, NEPC, BOA, BOI, Cooperative Stakeholders, MFIs, Entrepreneurship Centres, ARCN

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Cooperative Revitalization		Lead Organisation/Department: Cooperatives				
Goal	Objectives	Key Activity/project	Resources required (N)	Funding source	Time frame	Key Actors
<b>Strong and viable Cooperative backed by valuable Assets</b>	<p>1. To promote and empower cooperatives to own assets especially production and processing facilities</p> <p>2. To create employment and income earning opportunities</p> <p>3. To assist in effective and efficient management of assets</p>	<p>1. Coordinate the establishment of 80 Nos cooperatives and mega cooperatives for the production and processing equipment hiring enterprise (Tractor, Milk processing equipment, cold storage facilities etc.)</p> <p>2. Facilitate the acquisition and development of 20,000 Hectares of land for cooperative businesses (agricultural production, processing, and small-scale industrialization)</p> <p>3. Promotion, Sensitization, and support for 4Nos Cooperatives per State to acquire movable and immovable assets (buildings, trucks, silos, fishing trawlers etc.) for job creation and financial empowerment</p> <p>4. Link cooperatives with financial institutions, markets, business support organizations and off-takers</p> <p>5. Build the capacity of cooperatives on asset acquisition, utilization, and management</p>	114,559,140.80	Appropriation, CBN, BOA, NADF, NAIC, NIRSAL, Private Sector and Development Partners	2023-2027	FMAFS, FMTI, CBN, FMB, NIRSAL, NEPC, BOA, BOI, Cooperative Stakeholders, MFIs, Entrepreneurship Centres, ARCN

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Cooperative Revitalization		Lead Organisation/Department: Cooperatives				
Goal	Objectives	Key Activity/project	Resources required (N)	Funding source	Time frame	Key Actors
<b>Cooperative Governance and Regulation</b>	1. To upgrade the Cooperative Data Collection and Management System (CODAS) of the Federal Department of Cooperatives 2. To remodel the National Cooperative Development Centre. (NCDC) Sheda to meet international standard of cooperatives research and development centers 3. To provide venue to conduct regular stakeholder consultations on acceptable cooperative governance, regulatory practice, and methods 4. To develop mechanism, structure, and procedure for conducting and regulating cooperative practice 5. To review existing cooperative laws in line with current realities 6. To restructure the curriculum of Federal Cooperative Colleges in order to improve cooperative education and learning 7. To establish and run a web-based Nigeria Cooperative Business Support System (NCBSS) for efficient cooperative data	1. Revitalization and upgrading of the Cooperative Data Analysis System (CODAS) of CODAS Centers. 2. Procurement of 774 Cooperative data capturing and analysis tools 3. Encoding of cooperatives and members on CODAS platform 4. Renovation/upgrading and provision of equipment for cooperative training, research, meetings, and exhibitions at the NCDC Sheda 5. Review Cooperative law and legislation 6. Ensure approval of reviewed Cooperative policy and passage of amended Cooperative development act 7. Production of print and digital publication on cooperative practice and regulation 8. Conduct annual meetings of National Council on Cooperative Affairs (NCCA) 9. Inventorization of current Cooperative Education, Research and Training system and curriculum in Nigeria 10. Upgrade and equip Cooperative Colleges and institutions 11. Establish at least three (3)	22,844,112,976.10	Federal Appropriation, NBTE, CBN, BOA, NAIC, NIRSAL, Private Sector and Development Partners	2022-2027	FMAFS, FMTI, CBN, NIRSAL, NBTE, BOA, BOI, Cooperative Stakeholders, MFIs, Entrepreneurship Centres, ARCN

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Cooperative Revitalization		Lead Organisation/Department: Cooperatives				
Goal	Objectives	Key Activity/project	Resources required (N)	Funding source	Time frame	Key Actors
	management	Cooperative Colleges and institutions 12. Promote cooperative education, research, and training				
<b>Advanced Agro Geo-Cooperative</b>	1. Promote cluster farming 2. Establish strong linkage between clusters, aggregators, and financiers.	1. Fast track the implementation of Geo-cooperatives in collaboration with <b>FMAFS</b> , and States 2. Sensitize and train cooperatives on cluster farming and processing 3. Develop courses and training manuals on geo-cooperatives 4. Develop national project on cluster development in states	3,000,000,000	Federal Appropriation, CBN, BOA, NAIC, NIRSAL, Private Sector and Development Partners	2022-2027	<b>FMAFS</b> , FMTI, CBN, NIRSAL, NEPC, BOA, BOI, Cooperative Stakeholders, MFIs, Entrepreneurship Centres, ARCN
<b>Enhanced access to Microcredit, Insurance &amp; Financing.</b>	1. To mobilize funds from public and private sector for cooperative project financing 2. To establish a National Cooperative Development Fund (NCDF) to support	<ul style="list-style-type: none"> <li>Establishment of National Cooperative Development Fund (NCDF)</li> <li>Promotion and support for the formation of cooperative financing Agencies.</li> </ul>	742,459,244	Federal Appropriation, CBN, BOA, NAIC, NIRSAL, Private Sector and	2023-2027	<b>FMAFS</b> , CBN, NIRSAL, BOA, BOI, Cooperative Stakeholders, MFIs, Entrepreneurship Centres,

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<b>Cooperative Revitalization</b>		<b>Lead Organisation/Department: Cooperatives</b>				
<b>Goal</b>	<b>Objectives</b>	<b>Key Activity/project</b>	<b>Resources required (N)</b>	<b>Funding source</b>	<b>Time frame</b>	<b>Key Actors</b>
	<p>agricultural and non-agriculture enterprises</p> <p>3. To make available funds for cooperative projects at convenient access and repayment terms</p> <p>4. To provide financial information and education to cooperative members and public</p> <p>5. To provide funding for research and development purposes including specialized cooperative education</p>	<ul style="list-style-type: none"> <li>• Support the evolution of savings and loans schemes and formal microfinance among cooperatives</li> <li>• Linkage with CBN, NIRSAL, DMBs, MFBs, Insurance Agencies, Development Partners, and other Financing Institutions.</li> <li>• Seek greater support from the government for the provision of cooperative business enabling infrastructure and facilities.</li> </ul>		Development Partners		
<b>Closing up food production gap using Cooperatives</b>	<p>1. Mobilize cooperatives across agricultural value chains.</p> <p>2. Empower cooperatives to effectively drive segments of the agricultural value chains.</p> <p>3. Support cooperatives for domestic and export agricultural trade.</p>	<p>1. Establishment and strengthening 10 Nos National agricultural cooperative apexes driving priority agricultural commodities</p> <p>2. Facilitation of access to production inputs for 1 million cooperative farmers across priority value chains.</p> <p>3. Facilitation of bush clearing and land development for 4 million cooperative farmers operating across priority agricultural commodities</p> <p>4. Enhance access to agricultural mechanization services to 1 million cooperatives across priority agricultural commodities.</p> <p>5. Enhance access to agro-</p>	255,550,000,000	<p>Appropriation, CBN, BOA, NAIC, NIRSAL, Deposit Money Banks, Cooperative Financing Agencies Private Sector, Development Partners, State Governments</p>	2023-2027	<p>CBN, BOA, NAIC, NIRSAL, Deposit Money Banks, Cooperative Financing Agencies Private Sector, Development Partners, State Governments</p>

<b>Cooperative Revitalization</b>		<b>Lead Organisation/Department: Cooperatives</b>				
<b>Goal</b>	<b>Objectives</b>	<b>Key Activity/project</b>	<b>Resources required (N)</b>	<b>Funding source</b>	<b>Time frame</b>	<b>Key Actors</b>
		processing and storage facilities for 1 million cooperative farmers operating across priority agricultural commodities.				
			287,941,293,406			

## 6.0 Monitoring and Evaluation Framework

### 6.1 Synergy with other MDAs Monitoring and Evaluation

<b>Key Performance indicator</b>	<b>Baseline 2019</b>	<b>Target: quantitative/Qualitative</b>	<b>Date of Completion</b>	<b>Completion Status</b>	<b>Revised date of Completion</b>	<b>M&amp;E/Evaluator's remark</b>
Nos of Stakeholders Meetings of National Council on Agriculture & Rural Development held	15	6	2022-2027			
Nos of stakeholders Interface on Agricultural Joint Sector /Biennial Reviews under the instruments of Comprehensive Africa	20	30	2022-2027			

<b>Key Performance indicator</b>	<b>Baseline 2019</b>	<b>Target: quantitative/Qualitative</b>	<b>Date of Completion</b>	<b>Completion Status</b>	<b>Revised date of Completion</b>	<b>M&amp;E/Evaluator's remark</b>
Agricultural Development Programme held						
Nos of Community of Practice for Agriculture and Food Security held	1	10	2022-2027			
Agricultural Donor Working Group's Stakeholders Engagement	20	25	2022-2027			
Intra-Sectoral Linkages, Collaborations and Coordination of Departments and Parastatals.	10	40	2022-2027			
Bilateral, Multilateral and Regional Collaboration, Cooperation and Partnership	15	40	2022-2027			
Effect of joint institutional actions on issues of common interest	12	30	2022-2027			

<b>Key Performance indicator</b>	<b>Baseline 2019</b>	<b>Target: quantitative/Qualitative</b>	<b>Date of Completion</b>	<b>Completion Status</b>	<b>Revised date of Completion</b>	<b>M&amp;E/Evaluator's remark</b>
Formulated and implemented institutional capacity strengthening plan of agriculture	25	50	2022-2027			

## 6.2 Knowledge Creation and Transfer

<b>MONITORING AND EVALUATION FRAMEWORK</b>						
<b>Impact Indicator (driven from key objectives milestones)</b>	<b>Baseline 2021</b>	<b>Target</b>	<b>Date of Completion</b>	<b>Revised date of Completion</b>	<b>M&amp;E/Evaluator's remark</b>	
ARCN Reform implemented (Amendment Act 2021)	Coordination Council	Transformed to Management Council				
Institutional mandates reviewed and re-aligned	15 NARIs	Strategic Plan in place				
	11 FCAs					
ARCN Strategic Plan developed and implemented	Strategic Plan 2010–2020	M&E system				
Diversified area of coverage on livestock research in NAPRI	4 (Cattle, sheep & goat, poultry, and swine)	One Master Plan				
Nationally Coordinated Research Projects (NCRPs) implemented	4	NCRPs on Crops, Livestock and Fisheries				
Competitive Agricultural Research Grant Scheme (CARGS) introduced	5	20				

<b>MONITORING AND EVALUATION FRAMEWORK</b>					
<b>Impact Indicator (driven from key objectives milestones)</b>	<b>Baseline 2021</b>	<b>Target</b>	<b>Date of Completion</b>	<b>Revised date of Completion</b>	<b>M&amp;E/Evaluator`s remark</b>
Joint Planning and Implementation of Agricultural Research Master Plan in place	Nil	5			
Join Operation and funding of relevant NARIs and FCAs introduced.	Nil	5			
Agricultural Research Database Management System Established	Nil	Centralized Agricultural Research Database in place			
Monitoring and Evaluation System Established and Functional	Nil	M&E Established			
Number of study tours made	4	18			
Number of exchange visits made by scientists	6	20			
Number of Technologies patented in collaboration with international counterpart researchers	10	60			
Number of rewards awarded to researchers	Nil	140			
Number of indigenous technologies promoted	20	120			
Number of trainings conducted on indigenous technologies	20	480			
Number of beneficiaries from the training	60	720			
Number of beneficiaries adopted indigenous technology	Nil	3360			
Number of beneficiaries from value chain trainings	Nil	1800			
Number of Innovation Platforms (IPs)	4	10			

<b>MONITORING AND EVALUATION FRAMEWORK</b>					
<b>Impact Indicator (driven from key objectives milestones)</b>	<b>Baseline 2021</b>	<b>Target</b>	<b>Date of Completion</b>	<b>Revised date of Completion</b>	<b>M&amp;E/Evaluator`s remark</b>
established					
Number of Innovation Platforms (IPs) Strengthened	Nil	4			
Number of demonstration sites established	Nil	300			
Facilitate linkages between research institutions, universities, TetFund and Agriculture	Nil	Research Institutes, Universities and TetFund Linked to promote research			
Create PPPs and collaborations in research and technology development established	Nil	PPPs and Collaboration in research and technology development created			
Building capacity of research and training institutions to attract grants and forge local and international partnerships strengthened	Nil	20			
Number of Genetic improvement programmes for priority crops established	Nil	10			
Strong working relationship with AfDF to support genetic improvement programmes in priority crops established	Nil	Working relationship with AfDF strengthened			
Upgrade and creation of new ones of gene banks established	Nil				
Collection and conservation of indigenous species carried out.	Nil	100			

<b>MONITORING AND EVALUATION FRAMEWORK</b>					
<b>Impact Indicator (driven from key objectives milestones)</b>	<b>Baseline 2021</b>	<b>Target</b>	<b>Date of Completion</b>	<b>Revised date of Completion</b>	<b>M&amp;E/Evaluator`s remark</b>
Research programmes across the agricultural value chains implemented	Nil	10			
Competitive Research Grant Scheme and other flagship programmes (e.g. NCRPs, etc.) Re-introduced	Nil	50			
Agricultural research and training agenda to national priorities and programmes Aligned	Nil	Agricultural Research and Training Agenda on National Priorities and Programmes Master Plan in place			
Agricultural Research, Training and Extension Reform implemented	Nil	Research, Training and Extension Reform Master Plan in place			
Collaborative, demand-driven, client and market-oriented research undertaken	Nil	Collaborative, demand-driven, client and market-oriented research adopted			
Strengthen conservation and research on neglected, underutilized and endangered indigenous crops carried out	Nil	Neglected, underutilized and endangered indigenous crops are conserved and improved research			

<b>MONITORING AND EVALUATION FRAMEWORK</b>					
<b>Impact Indicator (driven from key objectives milestones)</b>	<b>Baseline 2021</b>	<b>Target</b>	<b>Date of Completion</b>	<b>Revised date of Completion</b>	<b>M&amp;E/Evaluator`s remark</b>
Crops genetic improvement programme strengthened	Nil	10			
Fish genetic improvement programme strengthened	Nil	7			
Research to improved crops production and value chain activities strengthened	5	15 Improved research on crops production and its value chains in place			
Research to improved fishery production and value chain activities strengthened	3	6 improved research on fishery production and its value chains in place			
Establish two embryo transfer and artificial insemination centres in place	Nil	Two (2) embryo centre in place			
Establish two Genetic improvement, processing and technology development programmes for priority livestock in place	Nil	Two (2) Genetic improvement, processing, and technology development programmes for priority livestock in place			

<b>MONITORING AND EVALUATION FRAMEWORK</b>					
<b>Impact Indicator (driven from key objectives milestones)</b>	<b>Baseline 2021</b>	<b>Target</b>	<b>Date of Completion</b>	<b>Revised date of Completion</b>	<b>M&amp;E/Evaluator`s remark</b>
Project on conservation and research on endangered indigenous livestock carried out	Nil	Endangered indigenous livestock conserved, and research findings being implemented			
Animal health research programmes implemented	Nil	Master plan in place			
Research to improved livestock production and value chain activities strengthened	Nil	improved livestock production and value chain activities master plan in place			
Pasture and Range land development programmes implemented	Nil	Pasture and Range land development programmes in place			
Conduct of research on binding constraints to the development of fish and marine resources carried out	Nil	Research on binding constraints to the development of fish and marine resources conducted			

<b>MONITORING AND EVALUATION FRAMEWORK</b>					
<b>Impact Indicator (driven from key objectives milestones)</b>	<b>Baseline 2021</b>	<b>Target</b>	<b>Date of Completion</b>	<b>Revised date of Completion</b>	<b>M&amp;E/Evaluator`s remark</b>
Conduct of research on constraints to development of deep-sea fishing carried out	Nil	Research on constraints to development of deep-sea fishing conducted			
Using PPP arrangements to implement the research findings and recommendations carried out	Nil	PPP arrangements to implement the research findings and recommendations in place			
Set up PPP structure to develop indigenous feed and fingerlings in place	Nil	PPP structure to develop indigenous feed and fingerlings established			
Fish genetic improvement, processing and technologies development programmes implemented	Nil	Fish genetic improvement, processing and technologies development programmes in place			

<b>MONITORING AND EVALUATION FRAMEWORK</b>					
<b>Impact Indicator (driven from key objectives milestones)</b>	<b>Baseline 2021</b>	<b>Target</b>	<b>Date of Completion</b>	<b>Revised date of Completion</b>	<b>M&amp;E/Evaluator`s remark</b>
Set up Intellectual Property Right (IPR) and Patent office at ARCN in place	Nil	Intellectual Property Right (IPR) and Patent office at ARCN in place			
Agricultural research, exchange programme and study tours implemented	Nil	Agricultural research, exchange programme and study tours carried out			
Spin-off companies for NARIs and FCAs established	Nil	Spin-off companies for NARIs and FCAs in place			
Conduct of Annual Agricultural Policy dialogue carried out	Nil	5			
Conduct of Annual Agricultural research & innovation conference/technology fair carried out	Nil	5			
Agricultural Innovation Platforms, demonstration sites and farmers' clusters across the country established and strengthened	Nil	2000 demo sites			

<b>MONITORING AND EVALUATION FRAMEWORK</b>					
<b>Impact Indicator (driven from key objectives milestones)</b>	<b>Baseline 2021</b>	<b>Target</b>	<b>Date of Completion</b>	<b>Revised date of Completion</b>	<b>M&amp;E/Evaluator`s remark</b>
Conduct of Agricultural research and technology dissemination through multiple platforms and networks (AVs, ARTTC, Media, ICT, e-extension, etc.) carried out	Nil	Conduct of research and technology dissemination through multiple platforms (AVS, ARTTC, Media, ICT etc.) in place			
The agricultural education, capacity development and empowerment initiatives expanded	Nil	Master plan in place			
Agribusiness and related programmes across the NARS established and strengthened	Nil	Agribusiness and related programmes across the NARS in place			
Fast track the approval and implementation of National Extension Policy to deliver knowledge to farmers implemented	Nil	National Extension Policy in place			
High impact research across the agricultural value chains generated	Nil	10			
Conduct of audit of available indigenous technologies in agriculture carried out	Nil	2			
Conduct of technology fairs/exhibitions and link farmers to techno-prenuers carried out	Nil	5			
Conduct of bi-annual Agricultural market Survey carried out	Nil	10			
Development of data management infrastructure within the NARS in place	Nil	16 NARIs & FCAs			

<b>MONITORING AND EVALUATION FRAMEWORK</b>					
<b>Impact Indicator (driven from key objectives milestones)</b>	<b>Baseline 2021</b>	<b>Target</b>	<b>Date of Completion</b>	<b>Revised date of Completion</b>	<b>M&amp;E/Evaluator`s remark</b>
Build research and users capacity in e-data management strengthened	Nil	160			
Conduct of bi-annual Agricultural market Survey carried out	Nil	10			
Develop e-data collection system for agricultural production and marketing data in place	Nil	e-data collection system in place			

### 6.3 Mechanization

<b>Key Activity/ Project</b>	<b>key performance indicator</b>	<b>Baseline 2021</b>	<b>Target: Quantitative/ Qualitative</b>	<b>Date of Completion</b>	<b>Completion Status</b>	<b>Revised date of Completion</b>

### 6.3 Mechanization

Key Activity/ Project	key performance indicator	Baseline 2021	Target: Quantitative/ Qualitative	Date of Completion	Completion Status	Revised date of Completion
<p>1. Establishment of agriculture-based green technology incubation centres for training of women, youths, and people with special needs</p> <p>2. Encouraging the establishments of solar powered agribusiness Incubation Centres and agro-preneurial skill centres for agribusiness students, graduates and public</p>	1. MT of commodities on post-harvest losses across value chains reduced	5,000,000MT	50,000,000MT	2022-2027		
Facilitate the installation of 100,000 Solar streetlights in rural farming communities	ii. Nos of household with increased access to rural electricity and renewable energy	250,000	1,000,000	2022-2027		

Key Activity/ Project	key performance indicator	Baseline 2021	Target: Quantitative/ Qualitative	Date of Completion	Completion Status	Revised date of Completion

<b>Key Activity/ Project</b>	<b>key performance indicator</b>	<b>Baseline 2021</b>	<b>Target: Quantitative/ Qualitative</b>	<b>Date of Completion</b>	<b>Completion Status</b>	<b>Revised date of Completion</b>
Facilitate the establishment of Agricultural Equipment Hiring Enterprise (AEHE) Centres Nationwide	1. Nos of tractor hiring centre established and renovated. Nos of farmer who have access to hiring of tractors and implement	101	700	2022-2027		
1. Establishment of agriculture-based Green technology incubation centres for training of women, youths, and people with special needs 2. Encouraging the establishments of solar powered agribusiness Incubation Centres and agro-preneurial skill centres for agribusiness students, graduates and public	Nos of local fabricators of small and medium scale agricultural equipment supported	5,000	20,000	2022-2027		
Facilitate the establishment of Agricultural Equipment Hiring Enterprise (AEHE) Centres Nationwide	Nos of AEHE established centres across the 36 states and in FCT			2022-2027		
Conduct trainings for Mechanics, Tractor Operators, and Farmers on mechanisation Facilitate the deployment & distribution of 10Nos Tractors	Nos of trainings conducted. Number of tractors deployed across the 36 states and in FCT.			2022-2027		

<b>Key Activity/ Project</b>	<b>key performance indicator</b>	<b>Baseline 2021</b>	<b>Target: Quantitative/ Qualitative</b>	<b>Date of Completion</b>	<b>Completion Status</b>	<b>Revised date of Completion</b>
with implements to LGA's	Nos of tractors and equipment available in the 36 states and across the 774 LGAs and in the FCT.					
1. Procurement & distribution of 50Nos 20tons/day Rice/grains Mill with accessories from local fabricators 2. Encourage the utilisation of Tricycles in rural communities 3. Encourage the utilisation of Power Tillers by farmers 4. Encourage the utilisation of Mini Tractors by farmers 5. Encourage the utilisation of Mini Combined Harvesters by farmers 6. Encourage the utilisation of Hammer Mill by farmers 7. Encourage the utilisation of Corn Harvester Machine by farmers 8. Encourage the utilisation of Garri & Odorless Cassava Flour Processing Machine by farmers 9. Encourage the utilisation of Maize Peeler/De-husk by farmers	Total number of quality equipment delivered across 774 LGAs		50Nos 20tons/day Rice/grains Mill	2022-2027		

<b>Key Activity/ Project</b>	<b>key performance indicator</b>	<b>Baseline 2021</b>	<b>Target: Quantitative/ Qualitative</b>	<b>Date of Completion</b>	<b>Completion Status</b>	<b>Revised date of Completion</b>
10. Support the utilisation of Work Bulls and Animal Traction Equipment by farmers 11. Support farmers with Medication Packs for Work Bulls	Total number of traction equipment delivered across the 36 states and in the 774 LGAs and in FCT. Total number of farmers with medication packs delivered in the 774 LGAs and across the 36 states MARD and in the FCT.			2022-2027		

#### **6.4 Establishment of National Agricultural Development Fund**

<b>Establishment of National Agricultural Development Fund</b>						
<b>Key Activity/ Project</b>	<b>Key Performance indicator</b>	<b>Baseline 2021</b>	<b>Target: Quantitative /Qualitative</b>	<b>Date of Completion</b>	<b>Completion Status</b>	<b>Revised date of Completion</b>
Enactment of the relevant law establishing ADF	FEC approval of the NADF. Release of finance for the operation of the fund	To be determined (TBD)	1	2022-2023		

<b>Establishment of National Agricultural Development Fund</b>						
<b>Key Activity/ Project</b>	<b>Key Performance indicator</b>	<b>Baseline 2021</b>	<b>Target: Quantitative /Qualitative</b>	<b>Date of Completion</b>	<b>Completion Status</b>	<b>Revised date of Completion</b>
1. Sensitization of key actors on the establishment of the Fund 2. Appointment of the Board and management of the Fund 3. Selection of befitting physical structure to accommodate the Agency 4. Conduct critical stakeholder engagement to guide the proper take off of the Agency. 5. Linking the Agency with relevant MDAs, value chain actors and research institutions.	Number of sensitization workshops conducted across the 36 states and at the LGAs with the support of the organized private sector. Number of physical offices across the 36 states and in FCT.	Ongoing from 2023 to 2024		Ongoing from 2023 to 2027		
Establishment of the Agency to manage the Fund	Number of states that have signed into the NADF. List of management and staff of the NADF. Physical location of the fund office. Provision of the required budget and installation of the required infrastructure for full operation.	2023 to 2024		2023 to 2024		
Establishment of a credible governing structure of the Fund	Approval of the members of the board	2023 to 2024		2023 to 2024		

<b>Key Activity/ Project</b>	<b>Key Performance indicator</b>	<b>Baseline 2021</b>	<b>Target: Quantitative /Qualitative</b>	<b>Date of Completion</b>	<b>Completion Status</b>	<b>Revised date of Completion</b>
Populating the Agency with relevant specialist staff		2023 to 2024		2023 to 2024		
Build capacity for managing the Fund	Number of staff trained across the value chain specific financing and number of non-staff of the NADF trained in the application of the funds	2023 to 2024		2023 to 2024		

## 6.5 Extension

<b>Key Indicators</b>	<b>Baseline 2021</b>	<b>Target</b>	<b>Date of Completion</b>	<b>Completion Status</b>	<b>Reviewed Date of Completion</b>	<b>M&amp;E Evaluation Report</b>
No. of Engagement of the Federal Executive Council, National Executive Council and National Assembly to pass the Bill on National Agricultural Extension Policy		3	2023			
Advocacy and Sensitization of all Extension stakeholders to adopt the policy on Extension		6	2023			

<b>Key Indicators</b>	<b>Baseline 2021</b>	<b>Target</b>	<b>Date of Completion</b>	<b>Completion Status</b>	<b>Reviewed Date of Completion</b>	<b>M&amp;E Evaluation Report</b>
No of Demonstration Training Plots/Pens/Ponds on Crops, Livestock and Fisheries across the 36 States and FCT Established	1,332	7,848	2027			

<b>Key Indicators</b>	<b>Baseline 2021</b>	<b>Target</b>	<b>Date of Completion</b>	<b>Completion Status</b>	<b>Reviewed Date of Completion</b>	<b>M&amp;E Evaluation Report</b>
No. of Technology Review Meetings and Workshops by the 6 Mandate Research Institutes and the State Agricultural Development Projects Conducted	24,000	10,656	2027			
No. of National Agricultural Extension Development Committee Meeting	2	6	2027			
No. of Junior Farmers, Field and Life Schools in rural communities established	-	624	2027			
No. of Farmers Trained and Empowered	684,000	1,776,000	2027			
No. of farmer-to-farmer extension and community-based advisors trained	2,000	54,000	2027			

<b>Key Indicators</b>	<b>Baseline 2021</b>	<b>Target</b>	<b>Date of Completion</b>	<b>Completion Status</b>	<b>Reviewed Date of Completion</b>	<b>M&amp;E Evaluation Report</b>
No of Engagement with the National Agricultural Research Institutes, the 37 Agricultural Development Projects in Nigeria to develop relevant agricultural extension and agribusiness modules for Agricultural Extension Workers Training.	1	6	2027			
No. of meetings to develop selection criteria for Extension Agents.	2	12	2027			
No. of Extension Workers Trained	72,000	130,000	2027			
Extension Agents to Farm Family	1: 20,000	1:1,000	2027			
No. of Backstopping and tracking missions conducted.	222	888	2027			
No. of Private Extension Database created	-	1	2023			
No. of Private Extension Service Providers Training Conducted	1	6	2027			
No. of Linkages created for Private Extension Service Providers	-	2	2024			

<b>Key Indicators</b>	<b>Baseline 2021</b>	<b>Target</b>	<b>Date of Completion</b>	<b>Completion Status</b>	<b>Reviewed Date of Completion</b>	<b>M&amp;E Evaluation Report</b>
No. of (FDAE including State FMAFS, Desk officers) Staff Training Conducted	-	42	2027			
No. of Staff Empowered with Working Tools	-	434	2027			
No. of Crop Management Software developed and deployed	1	6	2024			
No. of weather and price software developed and deployed	1	3	2024			
No. of Electronic Farmer Learning Platforms developed and deployed	1	6	2027			
No. of times Upgrading of 6 Zonal National Farmers Helpline Centres in NARIs and NAERLS carried out	-	6	2024			
No. of Agricultural FM Stations Established and supported.	-	6	2027			
No. of Trainings conducted for Helpline Operators	1	6	2027			
No of One stop agricultural extension delivery centres in each of the geopolitical zones constructed	16	12	2027			

Deleted[Onilogbo, Omobolanle (IFPRI-Nigeria)]: FMARD

**6.6 Livestock**

	<b>Key Performance indicator</b>	<b>Baseline 2021</b>	<b>Target: quantitative/Qualitative</b>	<b>Date of Completion</b>	<b>Completion Status</b>	<b>Revised date of Completion</b>	<b>M&amp;E/Evaluator's remark</b>
1	Number of established peri-urban and commercial dairy farms in strategic location in the 774 LGAs across the 36 states and the FCT.	< 5% Production and <2% indigenous processing	50% Increase production & 30% indigenous processing level	2027			
2	% increase in production and indigenous processing of milk and dairy products	< 5% Production and <2% indigenous processing	50% Increase production & 30% indigenous processing level	2027			

	<b>Key Performance indicator</b>	<b>Baseline 2021</b>	<b>Target: quantitative/Qualitative</b>	<b>Date of Completion</b>	<b>Completion Status</b>	<b>Revised date of Completion</b>	<b>M&amp;E/Evaluator's remark</b>
	Number of programs to support the establishment of MSME animal feed firms using modern feeding techniques in strategic location in the 774 LGAs across the 36 states and the FCT.	< 5% Production and <2% indigenous processing	50% Increase in number of programs developed and deployed	2027			

	<b>Key Performance indicator</b>	<b>Baseline 2021</b>	<b>Target: quantitative/Qualitative</b>	<b>Date of Completion</b>	<b>Completion Status</b>	<b>Revised date of Completion</b>	<b>M&amp;E/Evaluator's remark</b>
3		% livestock productivity and resilience support	< 5% Production and <2% indigenous processing	40% increase in livestock productivity and resilience supports	2027		
4		% increase in meat, hides and skin production	< 5% Production and <2% indigenous processing	40% increase in meat production and 30% increase in hides and skin	2027		

	<b>Key Performance indicator</b>	<b>Baseline 2021</b>	<b>Target: quantitative/Qualitative</b>	<b>Date of Completion</b>	<b>Completion Status</b>	<b>Revised date of Completion</b>	<b>M&amp;E/Evaluator's remark</b>
		Number of trainings to support established farmer cooperatives on savings and loan schemes techniques in strategic location in the 774 LGAs across the 36 states and the FCT.	< 5% Production and <2% indigenous processing	40% increase in farmers' cooperatives members trained in 774 LGAS in 36 states and in FCT.	2027		
		Number of sensitizations and awareness to support established livestock farmers in specific methods of animal reproductive techniques for members of cooperatives in strategic location of the 774 LGAs across the 36 states and the FCT.	< 5% Production and <2% indigenous processing	40% increase in farmers' cooperatives members trained in 774 LGAS in 36 states and in FCT.	2027		
		% increase in production and indigenous processing of micro livestock and products	< 5% Production and <2% indigenous processing	40% increase in meat production and 30% increase in micro livestock products	2027		

	<b>Key Performance indicator</b>	<b>Baseline 2021</b>	<b>Target: quantitative/Qualitative</b>	<b>Date of Completion</b>	<b>Completion Status</b>	<b>Revised date of Completion</b>	<b>M&amp;E/Evaluator's remark</b>
		Number of MOU signed and implemented	< 5% Production and <2% indigenous processing	40% increase in MOU signed and implemented in 774 LGAS in 36 states and in FCT.	2027		
5		% increase in updated livestock data	< 5% Production and <2% indigenous processing	40% increase in Updated livestock data	2027		
		% increase in number of cold chains established	< 5% Production and <2% indigenous processing	40% increase in number of cold chains established	2027		
		% increase in number of maps upgraded and secured for grazing reserves established	< 5% Production and <2% indigenous processing	40% increase in number of maps, and secured grazing reserves	2027		
		% increase in established and upgraded milk collection and processing centres and established linkages with large scale dairy industry	< 5% Production and <2% indigenous processing	40% increase in number of established and upgraded milk collection and processing centres with linkages to established large scale dairy industry	2027		

	<b>Key Performance indicator</b>	<b>Baseline 2021</b>	<b>Target: quantitative/Qualitative</b>	<b>Date of Completion</b>	<b>Completion Status</b>	<b>Revised date of Completion</b>	<b>M&amp;E/Evaluator's remark</b>
		% increase in Pasture Farmers and Pasture Seed Multiplication Centers	< 5% Production and <2% indigenous processing	40% increase in number of Pasture Farmers and Pasture Seed Production	2027		

## 6.7 Animal Health

<b>Monitoring and Evaluation for Animal Health</b>			
<b>Key Performance indicator</b>	<b>Baseline 2021</b>	<b>Target: quantitative/Qualitative</b>	<b>Date of Completion</b>
6nos VTHs laboratories received ISO certification 17025	NVRI received ISO 17025 for FMD and HPAI	6nos	Dec-25
African Continental Free Trade Area (AFCFTA) operationalized	5%	Improved trade on animal and Animal products by 30%	Dec-25
2,500nos stakeholders (Private & Public Veterinarians, Farmers, Producer) engaged and trained on Sanitary and Phytosanitary Standards).	500nos stakeholders (Private & Public Veterinarians, Farmers, and Producers) engaged and trained on Sanitary and Phytosanitary Standards).	Engagement and capacity building of 3,000 stakeholders (Private & Public Veterinarians, Farmers, Producers on knowledge of and Compliance to Sanitary and Phytosanitary Standards	Dec-26
3nos TADs: PPR, ASF, AI, NCD and CBPP eradicated in Nigeria	Stage 1 of the National strategic plan for the control and eradication of 3nos TADS achieved	3nos TADs: PPR, ASF, and CBPP eradicated in Nigeria	Dec-27
1500 Surveillance Points, reactivated across the country and 1,500 surveillance agents trained on passive and active disease surveillance in terrestrial, wild, and Aquatic animals	500 Surveillance Points, reactivated across the country and 500 surveillance agents trained on passive and active disease surveillance in terrestrial, wild, and Aquatic animals	2,000 Surveillance Points, reactivated across the country and 2000 surveillance agents trained on passive and active disease surveillance in terrestrial, wild, and Aquatic animals	Dec-27
2nos technical guidelines and standard operating procedures documents on wildlife disease surveillance and control in Nigeria produced	Held Preparatory consultative meeting of experts and stakeholders on wildlife disease control	Produce 2nos technical guidelines and standard operating procedures documents on wildlife disease surveillance in Nigeria	Dec-24
2,000nos sets of Open Data Kit (ODK) facilities for wildlife disease reporting and information management provided.	500nos sets of Open Data Kit (ODK) facilities for wildlife disease reporting and information management provided	Provision of 2,500nos sets of Open Data Kit (ODK) facilities for wildlife disease reporting and information management	Dec-27

<b>Monitoring and Evaluation for Animal Health</b>			
<b>Key Performance indicator</b>	<b>Baseline 2021</b>	<b>Target: quantitative/Qualitative</b>	<b>Date of Completion</b>
(i) Active Surveillance conducted in 20nos selected wildlife surveillance points (ii) 200 nos wildlife surveillance agents trained	Active Surveillance conducted in 2nos wildlife surveillance points and 50nos wildlife surveillance agents trained	Conduct Active Surveillance in 20nos wildlife surveillance points and training of 200nos wildlife surveillance agents	Dec-27
Developed Radio and TV Jingles on prevention and control Transboundary Animal Diseases in 3nos major languages and aired on 3nos local Radio and 3nos TV stations in 36 states and FCT	Developed Radio and TV Jingles on prevention and control Transboundary Animal Diseases in 2nos States and FCT	Produce and air Radio and TV Jingles on prevention and control Transboundary Animal Diseases on 3nos local Radio and TV stations	Dec-27
2,000nos Livestock farmers/pastoralists, Veterinarians and Veterinary Paraprofessionals trained on Clinical Ambulatory services and basic animal disease prevention and control techniques	500nos farmers/pastoralists, Veterinarians and Veterinary Paraprofessionals trained	2,500nos farmers/pastoralists, Veterinarians and Veterinary Paraprofessionals trained	Dec-26
1no each of Abattoir, fencing of livestock markets, live bird markets, Veterinary Clinics) constructed/ rehabilitated at the 2nos pilot disease free zones in selected states	Mapped out 2nos pilot disease free zones in selected states	Provide 1no each of Abattoir, fencing of livestock markets, live bird markets, Veterinary Clinics) constructed/ rehabilitated at the 2nos pilot disease free zones in selected states	Dec-25
70% of national herds of cattle, flocks of sheep and goats and rural poultry vaccinated against FMD, CBPP, NCD and PPR	30% of national herds of cattle, flocks of sheep and goats and poultry vaccinated against FMD, CBPP, NCD and PPR	Increase the percentage of nationwide vaccination against major TADs by 40%	Dec-27
Unhindered access to international market (for processed and fresh fisheries and aquatic animals)	Preparatory consultative meeting with relevant stakeholders	Open access to international market in (EU, USA, and other African Countries)	Dec-27

<b>Monitoring and Evaluation for Animal Health</b>			
<b>Key Performance indicator</b>	<b>Baseline 2021</b>	<b>Target: quantitative/Qualitative</b>	<b>Date of Completion</b>
6nos regional veterinary diagnostic laboratories, 1no aquatic animal disease diagnostic centre established and 1no central diagnostic laboratory and 11nos VTHs equipped	1no central veterinary diagnostic laboratory and 11nos VTHs laboratories supported with assorted veterinary diagnostic equipment and consumables	Establish and equip 6nos regional veterinary diagnostic laboratories, 1no aquatic animal disease diagnostic centre and fully equipped 1no central diagnostic laboratory and 11nos VTHs laboratories	Dec-26
5Nos Federal Veterinary Medical Centre's (FVMC), Constructed and equipped (ii) 50Nos Primary Animal Health Centre's (PAHCs), Constructed and equipped (iii) 10nos Standard Live Bird Markets constructed (iv) 25nos Abattoir/Slaughterhouses Rehabilitated/upgraded (v) 6nos Modern Abattoirs Constructed under PPP arrangement	1No Federal Veterinary Medical Centre's (FVMC), Constructed and equipped (ii) 26Nos Primary Animal Health Centre's (PAHCs) ,Constructed and equipped (iii) 15nos Standard Live Bird Markets constructed (iv) 21nos Abattoir/Slaughter Houses Rehabilitated/upgraded	6No Federal Veterinary Medical Centre's (FVMC), Constructed and equipped (ii) 76Nos Primary Animal Health Centre's (PAHCs), Constructed and equipped (iii) 25nos Standard Live Bird Markets constructed (iv) 46nos Abattoir/Slaughter Houses Rehabilitated/upgraded (v) 6nos Modern Abattoirs Constructed under PPP arrangement	Dec-27
1,000 copies of the (National strategic plan for elimination of dog mediated human Rabies in Nigeria) document produced (ii) screening for Brucellosis, and bovine TB, in 2,000nos food producing animals in 12nos selected States conducted	5,00nos copies of the (National strategic plan for elimination of dog mediated human Rabies in Nigeria) document produced (ii) screening for Brucellosis, and bovine TB, in 500nos food producing animals conducted	(i) production of 1,500 copies of the (National strategic plan for elimination of dog mediated human Rabies in Nigeria) document (ii) Conduct of screening for Brucellosis, and bovine TB, in 2.,500nos food producing animals	Dec-26
Prevention and control of prioritized zoonotic diseases in Nigeria (Rabies, HPAI, Monkey Pox, Lassa Fever, Bovine TB and Yellow Fever	Conducted the Meeting of the tripartite stakeholders to prioritize Zoonotic Diseases in Nigeria	Reduce the incidence of prioritized zoonotic diseases in Nigeria (Rabies, HPAI, Monkey Pox, Lassa Fever, Bovine TB and Yellow Fever	Dec-27

<b>Monitoring and Evaluation for Animal Health</b>			
<b>Key Performance indicator</b>	<b>Baseline 2021</b>	<b>Target: quantitative/Qualitative</b>	<b>Date of Completion</b>
<p>20nos private veterinary health care providers supported to establish animal health care service Centre's in selected States</p> <p>(ii) 74nos sanitary mandate holders supported to provide animal health care service delivery</p>	<p>Preparatory consultative meeting with relevant stakeholders</p>	<p>Support 20nos private veterinary health care service providers to establish animal health care service Centre's in selected States (ii) support 74nos sanitary mandate holders to provide animal health care service delivery</p>	<p>Dec-27</p>
<p>Provided dairy Animal Health, Artificial Insemination (AI) Service Equipment for insemination of 2,000 cows in 10 selected States</p> <p>(ii) engaged 50nos AI Service Providers for the conduct of insemination of cows in 10 selected States</p>	<p>Dairy Animal Health, Artificial Insemination Service Equipment provided for insemination of 500 cows in 3 selected States</p> <p>(ii) engaged 10nos AI Service Providers for the conduct of insemination of cows in 3 selected States</p>	<p>Provision of dairy Animal Health, Artificial Insemination Service Equipment for insemination of 2,500 cows in 13nos selected States</p> <p>(ii) engaged 60nos AI Service Providers for the conduct of insemination of cows in 13nos selected States</p>	<p>Dec-27</p>
<p>300nos Dairy farmers/ processors sensitized on zoonotic diseases and Standard Operating Procedure (SOP) for Production, Processing and Distribution of healthy milk</p> <p>300nos Farmers trained on Farmer on Standard Operating Procedure (SOP) for Production, Processing and Distribution of healthy milk</p> <p>111 Refrigerated Vehicles/Vans for Meat transport to Butcher/Meat Associations</p>	<p>100nos Dairy farmers/ processors sensitized on zoonotic diseases and Standard Operating Procedure (SOP) for Production, Processing and Distribution of healthy milk</p>	<p>Sensitize 400nos Dairy farmers/ processors on zoonotic diseases and Standard Operating Procedure (SOP) for Production, Processing and Distribution of healthy milk</p>	<p>Dec-27</p>

<b>Monitoring and Evaluation for Animal Health</b>			
<b>Key Performance indicator</b>	<b>Baseline 2021</b>	<b>Target: quantitative/Qualitative</b>	<b>Date of Completion</b>
26nos sets of Meat Inspection kits provided to 26nos renovated Abattoirs/Slaughterhouses in 26nos selected States	17nos sets of Meat Inspection kits provided to 17nos renovated Abattoirs/Slaughterhouses in 17nos selected States	Provide 43nos sets of Meat Inspection kits to 43nos renovated Abattoirs/Slaughterhouses in 43nos selected States	Dec-27

<b>Key Performance indicator</b>	<b>Baseline 2021</b>	<b>Target: quantitative/Qualitative</b>	<b>Date of Completion</b>
1050nos Veterinarians, Community Animal Health Workers and Abattoir workers/butchers trained on Standard Operating Procedures (SOP) for slaughter and hygienic processing of meat	350nos Veterinarians, Community Animal Health Workers, and Abattoir workers/butchers on Standard Operating Procedures (SOP) Trained	Training of 1,350nos Veterinarians, Community Animal Health Workers, and Abattoir workers/butchers on Standard Operating Procedures (SOP) for slaughter and hygienic processing of meat	Dec-25
National Policy on Anti- Microbial Resistance and Use (AMR/AMU) developed (ii) nationwide surveillance conducted in 36 states and FCT in Poultry Farms, food-producing Animals (Cattle and Swine, Aquaculture and animal processing Centres	Preparatory consultative meeting with relevant stakeholders	Development of National Policy on Anti- Microbial Resistance and Use (AMR/AMU) developed (ii) nationwide surveillance in 36 states and FCT in Poultry Farms, food-producing Animals (Cattle and Swine, Aquaculture and animal processing Centres	Dec-26
National Residue Monitoring & Control Plan for food of animal origin developed	Preparatory consultative meeting with relevant stakeholders	Development of National Residue Monitoring & Control Plan for food of animal origin developed	Dec-27
National Animal Welfare Standard and Implementation Guidelines developed	Working committee group established	Development of National Animal Welfare Standard and Implementation Guidelines	Dec-24
200 nos. of Veterinarians trained and certified on animals and animal products for certification	50nos trained and certified veterinarians for animal and animal by product certification	Training and certification of 200 nos. of Veterinarians on animal and animals' products for certification	Dec-27

<b>Key Performance indicator</b>	<b>Baseline 2021</b>	<b>Target: quantitative/Qualitative</b>	<b>Date of Completion</b>
Quarterly collaborative regional, national, and sub-national meetings of relevant stakeholders conducted	Working committee group established	Participation at quarterly collaborative regional, national and sub-national meetings	Dec-27

Bi-annual bilateral meeting of relevant stakeholders conducted	Working committee group established	Conduct Bi-annual bilateral meeting of relevant stakeholders	Dec-27
Monitoring and active surveillance of migratory birds and other pests of crops and livestock & Pesticides Quality Control and Certification conducted	Monitoring system for migratory and other pests of control established	Routine Monitoring and periodic active surveillance of migratory birds and other pests of crops and livestock & Pesticides Quality Control and Certification	Dec-27
Assorted Chemicals/Pesticides/Spraying equipment and flight services for the Control of Transboundary Pests deployed in Twelve (12) frontline states	Twelve (12) frontline states supported for the Control of Transboundary Pests	Deployment of Assorted Chemicals/Pesticides/Spraying equipment and flight services for the Control of Transboundary Pests to Twelve (12) frontline states	Dec-27
200 nos. pest control stakeholders trained on Vector Control and Current Prospecting Techniques on Tsetse	50 nos. pest control stakeholders trained on Vector Control and Current Prospecting Techniques on Tsetse	Training of 250 nos. pest control stakeholders on Vector Control and Current Prospecting Techniques on Tsetse	Dec-26
Pest Control facilities in Kaduna and Vom, Plateau states upgraded	Pest Control facilities in Kaduna and Vom, Plateau states assessed	Functional Pest Control facilities in Kaduna and Vom, Plateau states	Dec-27

Animal Identification and traceability system established and integrated with the National Animal Disease Information, certification and Surveillance	Operationalized National Animal Disease Information, certification, and Surveillance system in place	70% of livestock to be tagged and recorded on the NAITS database. 2. Integrate NAITS data to support animal health delivery	Dec-27
Electronic Certification system upgraded and maintained in FCT	Operationalized Electronic Certification system in place	Optimization of Electronic Certification system for international best practice	Dec-27
160 nos of relevant officers (veterinarians, Lab technologists and other relevant Stakeholders) trained on Standardization and certification processes for Animal and Animal Products in Selected States	40 nos of relevant officers (veterinarians, Lab technologists and other relevant Stakeholders) trained on Standardization and certification processes for Animal and Animal Products in Selected States	Training of 200 nos of relevant officers (veterinarians, Lab technologists and other relevant Stakeholders) on Standardization and certification processes for Animal and Animal Products in Selected States	Dec-27
10nos honeybee wax collection and certification centers for exports established in 10 states	2 nos honeybee wax collection and certification centers for exports in FCT & state established	Establishment of 12 nos honeybee wax collection and certification centers for exports in 12 states	Dec-27
200nos of Honeybee value chain actors (Beekeepers, processors, packers, veterinarians, Lab technologists and other relevant Stakeholders) trained and provided with Inputs to support Honey and Beeswax Exporters in selected states	50nos of Honeybee value chain actors (Beekeepers, processors, packers, veterinarians, Lab technologists and other relevant Stakeholders) trained and provided with Inputs to support Honey and Beeswax Exporters in selected states	250nos of Honeybee value chain actors (Beekeepers, processors, packers, veterinarians, Lab technologists and other relevant Stakeholders) trained and provided with Inputs to support Honey and Beeswax Exporters in selected states	Dec-27

A National Residue Monitoring Plan (NRMP) for Export of Honey and Beeswax developed	TWG for National Residue Monitoring Plan (NRMP) constituted	Operational National Residue Monitoring Plan (NRMP) for Export of Honey and Beeswax developed	Dec-25
National Workshop on Implementation and Enforcement of Veterinary standards, Regulations, Policy and Guidelines in Animal and Animal products, certification, Poultry and Hatchery in 30 states and FCT conducted	National Workshop on Implementation and Enforcement of Veterinary standards, Regulations, Policy and Guidelines in Animal and Animal products, certification, Poultry and Hatchery conducted in 6 states and FCT	Conduct National Workshop on Implementation and Enforcement of Veterinary standards, Regulations, Policy and Guidelines in Animal and Animal products, certification, Poultry and Hatchery in 36 states & FCT	Dec-25
Guidelines, Policy, Legislation on Animal Welfare National & Meat Inspection (Abattoir and slaughter slab) regulations developed	TWG for the development Guidelines, Policy, Legislation on Animal Welfare, National Meat Inspection (Abattoir and slaughter slab) regulations and National Residue Monitoring Plan (NRMP) constituted	Operationalization of Guidelines, Policy, Legislation on Animal Welfare, National Meat Inspection (Abattoir and slaughter slab) regulations, and National Residue Monitoring Plan (NRMP)	Dec-25
National Stakeholders Sensitization Workshop on Guidelines, Policy, Legislation on Animal Welfare and National Meat Inspection (Abattoir and slaughter slab) regulations in 30nos states and FCT conducted	National Stakeholders Sensitization Workshop on Guidelines, Policy, Legislation on Animal Welfare and National Meat Inspection (Abattoir and slaughter slab) regulations in 5nos states and FCT conducted	Conduct National Stakeholders Sensitization Workshop on Guidelines, Policy, Legislation on Animal Welfare and National Meat Inspection (Abattoir and slaughter slab) regulations in 36nos states and FCT conducted	Dec-25

1,800 nos Hides &skin Processors supported with inputs for preservation	200 nos Hides &skin Processors supported with inputs for preservation	support 2,000 nos Hides &skin Processors with inputs for preservation	Dec-25
11 nos Skin and hides collection and inspection centers in the 6 geopolitical zones established	1 nos Skin and hides collection and inspection center established in Kano state	12 nos Skin and hides collection and inspection centers established in the 6 geopolitical zones.	Dec-25
Import/export facilities in 33 states and FCT assessed and trained the facility managers on SOP	Import/export facilities and trained facility managers on SOP in Lagos and Ogun states	Assessment of import/export facilities in 36 states and FCT and training of facility managers on SOP	Dec-26
4nos Institutions (research/academia) supported on hide and skin process and preservation research	Research protocol developed	Support 4 Institutions (research/academia) on hide and skin process and preservation techniques	Dec-26
Standard Operating Procedures (SOP) on Hides and Skins in the Abattoirs/Slaughterhouses developed	TWG on Hides and Skins processing and preservation in the Abattoirs/Slaughterhouses constituted	Operationalization of Standard Operating Procedures (SOP) on Hides and Skins in the Abattoirs/Slaughterhouses	Dec-25
National Data Base of Hide &skin value chain actors established and updated	Manual documentation	Functional National Data Base of Hide &skin value chain actors in place	Dec-27

## 6.8 STRENGTHENING PRIORITY VALUE CHAINS

Priority Crops for Import Self-Sufficiency					
Key Performance Indicator	Baseline 2021	Target: Quantitative/Qualitative	Date of Completion	Completion Status	Revised date of Completion
Increase in National Production from the current National Output of 5.4M MT	15M MT	25M MT	2027		
Increased access to improved inputs by Rice farmers under the Project	NIL	1,025,000 Farmers Accessed Improved Input	2027		
195MT Breeder Seeds, 970MT of Foundation Seed and 97,500MT Certified seeds produce	Rice- Breeder:51.15, Foundation: 481 and Certified: 47,970	Rice- Breeder:195, Foundation: 970 and Certified:97,500	2026		
390Ha of Breeder seed field, 1,950Ha of Foundation Seed and 19,500Ha of Certified seed.	Rice= Breeder=12.5Ha, Foundation= 377.95Ha and Certified= 14257Ha	Rice- Breeder:390Ha, Foundation: 1,950Ha and Certified: 19,500Ha	2026		
Number of Ha Developed for Irrigation under the Project	NIL	1,025,000Ha Developed for Micro-Irrigation	2027		
Number of Farmers Accessing Mechanization under the Project	NIL	1,025,000 Farmers Accessed Mechanization Services	2027		
Quantity of processed paddy under the project	NIL	4,100,000 MT of Paddy Processed	2027		
Number of Storage facilities developed under the project	NIL	30 Storage facilities developed for the Project	2027		

<b>Priority Crops for Import Self-Sufficiency</b>					
<b>Key Performance Indicator</b>	<b>Baseline 2021</b>	<b>Target: Quantitative/Qualitative</b>	<b>Date of Completion</b>	<b>Completion Status</b>	<b>Revised date of Completion</b>
i) Increase National Production Output ii) No. of farmers supported and empowered with improved seeds/seedlings	i) 20 million MT ii) 1,350 farmers	i) 30 million MT (ii) 50,000 farmers	2027		
96.99MT of Breeder seeds and 174MT of Foundation Seeds to produce 259MT of Br 9928-DMR and Br-9944-DMR Certified seeds produce	Maize Breeder=10.5, Foundation=157.7 and Certified= 262.5	Maize Breeder: 99, Foundation:174 and Certified: 259	2026		
87Ha of seed field for the three class (BS, FS, CS) to produce 259MT of Br 9928- DMR and BR-9944-DMR Certified seeds, certified	Maize Breeder=3.5, Foundation=52.5	Maize Breeder:27Ha, Foundation:87Ha	2026		
174MT of Breeder seeds to produce 259MT of TELA Foundation seed	Maize Breeder=N.A, Foundation=N.A	Maize Breeder:174, Foundation:259	2026		
87Ha Seeds fields to produce 259MT of TELA Foundation Seed certified	Maize Breeder=N.A, Foundation=N.A	Maize Breeder:27Ha, Foundation:	2026		
193.96MT of Foundation seeds produced.	Maize Breeder=N.A, Foundation=N.A Certified= N.A	Maize Breeder:96.99, Foundation:174, Certified:259	2026		
174Ha of seed fields of Pro-Vitamin A Maize Seed inspected.	Maize Breeder=N.A, Foundation=N.A Certified= N.A	Maize Breeder:27Ha, Foundation: 58Ha Certified: 87Ha	2026		

<b>Priority Crops for Import Self-Sufficiency</b>					
<b>Key Performance Indicator</b>	<b>Baseline 2021</b>	<b>Target: Quantitative/Qualitative</b>	<b>Date of Completion</b>	<b>Completion Status</b>	<b>Revised date of Completion</b>
Increase hectareage under cultivation	20,000 ha	50,000ha	2027		
No. of farmers trained and empowered	2,500 farmers	70,500 farmers	2027		
No. of farmers supported and empowered with organic growth enhancers and other agrochemicals	1,600 farmers	60,400 farmers	2027		
	1,100 farmers	60,300 farmers	2027		
No. of jobs created	4,000 jobs	12,000 jobs	2027		
i)Increase National Production Output	420,000 metric tons	800,000 metric tons	2027		
No. of farmers supported and empowered with improved seeds	1350 farmers	15,000 farmers	2027		
30MT of Foundation Seed of LACRIWHIT-4 and LACRIWHIT - 7 produced.	Wheat Foundation=15	Wheat Foundation:30	2026		
12Ha of Foundation Seed fields of LACRIWHIT-4 and LACRIWHIT -8 inspected.	Wheat Foundation=5.0Ha	Wheat Foundation:12Ha	2026		
No. of farmers supported and empowered with improved seeds	2,160 farmers	20,000 farmers	2027		
50 MT of Certified wheat seeds LACRIWHIT -4 produced.	Wheat Certified=22.3	Wheat Certified:50	2026		
32Ha of Certified wheat seeds LACRIWHIT -4 field inspected.	Wheat Certified=3.2Ha	Wheat Certified:32Ha	2026		

<b>Priority Crops for Import Self-Sufficiency</b>					
<b>Key Performance Indicator</b>	<b>Baseline 2021</b>	<b>Target: Quantitative/Qualitative</b>	<b>Date of Completion</b>	<b>Completion Status</b>	<b>Revised date of Completion</b>
No. of farmers supported and empowered with improved seeds	2,160 farmers	20,000 farmers	2026		
No. of farmers supported and empowered with improved seeds	2,160 farmers	20,000 farmers	2027		
50MT of Certified wheat Seed of LACRIWHIT-5 produced	Wheat Certified:8.0	Wheat Certified:50	2026		
No. of farmers supported and empowered with organic growth enhancers and other agrochemicals	1,500 farmers	20,000	2027		
	1,300 farmers	20,000	2027		
	1,250 Farmers	20,000	2027		
No. of farmers empowered with machineries	1000	20,000	2027		
No. of farmers empowered with wheat reapers	300	20,000	2027		
No. of farmers empowered with tricycle	100	500	2027		
No. of processing/cottages established	5	15	2027		
No. of jobs created	10,000	30,000	2027		
	3,000	9,000	2027		
Increase National Production Output	Millet= 8 mt Sorghum = 12mt	Millet: 16 Mt Sorghum: 24 Mt	2026		
Improved Sorghum seeds produced.	Sorghum Breeder:11.70, Foundation:177,30	Sorghum Breeder:58.5, Foundation: 355 Certified:27,800.5	2026		

<b>Priority Crops for Import Self-Sufficiency</b>					
<b>Key Performance Indicator</b>	<b>Baseline 2021</b>	<b>Target: Quantitative/Qualitative</b>	<b>Date of Completion</b>	<b>Completion Status</b>	<b>Revised date of Completion</b>
	Certified:5,560.10				
Improved Sorghum seeds of inspected.	Sorghum Breeder:3.9Ha, Foundation:59.1Ha, Certified:1,855.7Ha	Sorghum Breeder=30Ha, Foundation= 177Ha Certified=13,900 Ha	2026		
Improved Millet seeds produced.	Millet Foundation:65.6, Certified:2,783	Millet Foundation=290 Certified=13,915	2026		
14,205Ha Millet seeds fields inspected.	Millet Foundation:33.00Ha, Certified:1,438.2Ha	Millet Foundation:290Ha, Certified:13,915Ha	2026		
i) Increase hectareage under cultivation (ii) No of farmers supported with improved varieties	i) 250ha (ii) 2,000 farmers	(i) 1,000 ha sorghum (ii) 65,000 farmers	2027		
No. of farmers supported and empowered with organic growth enhancers and other agrochemicals	1,250 farmers	65,000 farmers	2027		
No. of Demonstration plots	12	36	2027		
No of farmers supported with farm equipment	500	15,000	2027		
No of cottages and processing centers established to promote value added activities	5	10	2027		
No of farmers supported with	2,000	10,000	2027		

<b>Priority Crops for Import Self-Sufficiency</b>					
<b>Key Performance Indicator</b>	<b>Baseline 2021</b>	<b>Target: Quantitative/Qualitative</b>	<b>Date of Completion</b>	<b>Completion Status</b>	<b>Revised date of Completion</b>
seeds					
No of farmers supported with agro-chemicals	1,300	10,000	2027		
No of jobs created	5,000	10,000	2027		
(i) National production Out-put (ii) increase in acreage under production (iii) No of farmers supported with seeds	(i) 12,000 mt (ii) 500 ha (iii) 2,500 farmers	(i)24,000 mt (ii)1,000ha (iii)10,500 farmers	2027		
30MT of cotton foundation and certified seeds produced.	20.80	30.00	2027		
35Ha of certified seeds cotton fields certified for quality assurance	22.4Ha	35Ha	2027		
No of farmers supported with agro-chemicals	1,250 farmers	25,000 farmers	2027		
No of farmers supported with farm inputs and equipment	2,500 farmers	50,000 farmers	2027		
No of jobs created through the access to finance	10,000	50,000	2027		
30MT each of sesame and acha foundation and certified seeds produced.	20.80	30.00	2027		
35Ha of certified seeds sesame and acha fields certified for quality assurance	22.4Ha	35Ha	2027		

<b>Priority Crops for Import Self-Sufficiency</b>					
<b>Key Performance Indicator</b>	<b>Baseline 2021</b>	<b>Target: Quantitative/Qualitative</b>	<b>Date of Completion</b>	<b>Completion Status</b>	<b>Revised date of Completion</b>
(i)increase National production output (ii) No of farmers supported with seeds (iii) Areas under cultivation	(i) 1,800,000 mt (ii) 4,280 farmers (iii) 698,925 Ha	(i) 3,600,000 mt	2027		
670,000KG of TGX-1448-2E of certified seeds produced.	Soybean Certified=271	Soybean, Certified=670	2027		
268Ha of certified seeds fields for quality assurance.	Soybean Certified=87.1Ha	Soybean Certified=268Ha	2027		
600,000KG of TGX-1951-3F of certified seeds produced.	Soybean, Certified=321	Soybean Certified=600	2027		
240Ha of certified seeds fields for quality assurance.	Soybean Certified=96Ha	Soybean, Certified=240Ha	2027		
No of farmers trained and empowered	500	4,500	2027		
No of farmers supported with agrochemicals	4,000	8,000	2027		
No of farmers trained and empowered	500	1,000	2027		
input support to farmers	4,000	8,000	2027		
No of Jobs created	10,000	20,000	2027		
No of extension workers trained	500	1,000	2027		
(i)increase National production output (ii) No of farmers supported with seeds (iii) No of hectareage under	(i) 230,000 tonnes (ii) 676,030 farmers (iii) 50,000 Ha	(i) 500,000 tonnes (ii) 1,200,000 farmers (iii) 150,000 ha	2027		

<b>Priority Crops for Import Self-Sufficiency</b>					
<b>Key Performance Indicator</b>	<b>Baseline 2021</b>	<b>Target: Quantitative/Qualitative</b>	<b>Date of Completion</b>	<b>Completion Status</b>	<b>Revised date of Completion</b>
cultivation					
139,200KG of Ifeken-400 certified seeds produce	Kenaf, Certified=25.0	Kenaf, Certified:139.2	2026		
84Ha of certified seeds fields for quality assurance	Kenaf, Certified=5Ha	Kenaf, Certified:84Ha	2026		
139,200KG of Cuba-110 produce	Kenaf, Certified=N.A	Kenaf, Certified:139.2	2026		
84Ha of Cuba-108 certified seeds fields for quality assurance	Kenaf, Certified=5.00Ha	Kenaf, Certified:84Ha	2026		
(i) No of jobs created based on the access of farmer to finance (ii) No of farmers trained	(i) 20,000 (ii) 2,300 farmers	(i) 40,000 (ii) 8,600 farmers	2027		
No of farmer supported with Agro-chemicals	1,250 farmers	25,000 farmers	2027		
No of farmers supported with farm inputs and equipment	500 farmers	10,000 farmers	2027		
(i)increase National production output (ii) No of farmers supported with seeds (iii) No of hectareage under cultivation	(i) 3,581,800 tons (ii) 15,000 farmers (iii) 2,530,000 Ha	(i) 7,000,000 tons (ii) 100,000 farmers (iii) 5,600,000 Ha	2027		
7,300MT of Certified seed SAMNUT 26 produced.	Groundnut, Certified=1,460	Groundnut, Certified:7,300	2027		
405Ha of certified seeds fields for quality assurance	Groundnut, Certified=36.53Ha	Groundnut, Certified:405Ha	2026		
No of farmers empowered and	400 farmers	10,000 farmers	2027		

<b>Priority Crops for Import Self-Sufficiency</b>					
<b>Key Performance Indicator</b>	<b>Baseline 2021</b>	<b>Target: Quantitative/Qualitative</b>	<b>Date of Completion</b>	<b>Completion Status</b>	<b>Revised date of Completion</b>
trained					
No of farmers supported and empowered	2,500 farmers	10,000 farmers	2027		
No of testing facilities established	1 center	5 centers	2027		
(i)increase National production output (ii) No of farmers supported with seeds (iii) No of hectareage under cultivation	(i)3.24 Mt (ii) 5,000 farmers (iii) 3,200,000 ha	(i) 6 Mt	2027		
Production of the three classes of seeds (Breeder, Foundation and Certified) of Pod Borer Resistant Cowpea (PBR)	Cowpea, Breeder= 6.8 Foundation= 90.25 Certified= 1,924.28	Cowpea, Breeder: 34, Foundation: 245, Certified: 2,621.4	2026		
810Ha of certified seeds fields for quality assurance	Cowpea, Breeder= 3.7 Ha Foundation= 47.5Ha Certified= 103.22Ha	Cowpea, Breeder: 17Ha Foundation: 123Ha Certified: 670Ha	2027		
No of farmers Trained	500		2027		
No of farmers supported by inputs	1,500		2027		
(i)increase National production output (ii) No of farmers supported with seedlings (iii) No of hectareage under	(i) 58,000,000 million mt (ii) 1,200 farmer (iii) 10,389,000 ha	(i) 82,000,000 million mt (ii) 24,000 farmer (iii) 19,389,000 ha	2027		

<b>Priority Crops for Import Self-Sufficiency</b>					
<b>Key Performance Indicator</b>	<b>Baseline 2021</b>	<b>Target: Quantitative/Qualitative</b>	<b>Date of Completion</b>	<b>Completion Status</b>	<b>Revised date of Completion</b>
cultivation					
Breeder, Foundation and Certified seed of yellow root, TMS 419, TMS 07/0593 and TMS 01/1412 of quality seed cutting produce	Cassava, 30,332 Bundles	Cassava, 198,340 Bundles	2027		
844Ha of Certified seed fields for quality assurance		Cassava, 844Ha	2027		
No of farmers empowered and trained	2,000	15,000	2027		
No of farmers trained on various training programs	500	10,500	2027		
(i) increase National production output (ii) No of farmers supported with seedlings (iii) No of hectare under cultivation	(i) 60,000,000 ton (ii) 860 farmers (iii) 7,498,120 ha	(i) 120,000,000 ton (ii) 10,660 farmers (iii) 10,498,120 ha	2027		
Breeder, Foundation and Certified seed of yam and node vine produce	Yam, 57.47MT (Excluding vine cuttings and rooted nodes)	Yam, 173MT (Excluding vine cuttings and rooted nodes)	2027		
54.72Ha of Certified seed fields for quality assurance	Yam, 9.12Ha (Excluding vine cuttings and rooted	Yam, 54.72Ha (Excluding vine cuttings and rooted nodes)	2027		

<b>Priority Crops for Import Self-Sufficiency</b>					
<b>Key Performance Indicator</b>	<b>Baseline 2021</b>	<b>Target: Quantitative/Qualitative</b>	<b>Date of Completion</b>	<b>Completion Status</b>	<b>Revised date of Completion</b>
	nodes)				
No of farmers trained and empowered at various training and empowerment programmes	400 farmers	5,000 farmers	2027		
(i)increase National production output (ii) No of farmers supported with seed (iii) No of hectareage under cultivation	(i) 2.52 million mt (ii) 1,200 farmers (iii) 300,000 ha	(i) 10.52 million mt (ii) 20,000 farmers (iii) 700,000ha	2027		
1,000,000MT Breeder, Foundation and Certified seed of clean Irish and sweet potato seeds produces	Irish potato (245,000MT) Sweet potato (3.46m mt)	Irish potato (1,000,000MT) Sweet potato (10m mt)	2027		
100,00Ha of Certified seed fields for quality assurance	Irish potato 24,500Ha Sweet potato 24,500Ha	Irish potato, 100,000Ha  Sweet potato, 100,000Ha	2027		
(I )No of processing and cottage centers (ii) No of storage centers (iii) No of laboratory centers	(i) 5 cottages (ii) 2 storage centers (iii) 2 lab centers	i) 16 cottages (ii) 10 storage centers (iii) 15 lab centers	2027		
No of farmers empowered with Agro-chemical and trained	3,000	9,000	2027		
No of Jobs created through access to finance	2,000	4,500	2027		

<b>Priority Crops for Import Self-Sufficiency</b>					
<b>Key Performance Indicator</b>	<b>Baseline 2021</b>	<b>Target: Quantitative/Qualitative</b>	<b>Date of Completion</b>	<b>Completion Status</b>	<b>Revised date of Completion</b>
(i) increase National production output (ii) No of farmers supported with seed (iii) No of hectareage under cultivation	(i) 2,000 mt (ii) 4,513 farmers (iii) 4,920 ha	(i) 10,000 mt (ii) 29,000 farmers (iii) 9,000 Ha	2027		
240MT Breeder, Foundation and Certified seed of Castor seeds produce	Castor, 120MT	Castor, 240MT	2027		
20Ha of Certified seed fields for quality assurance	Castor, 10Ha	Castor, 20Ha	2027		
No of farmers empowered through the distribution of agro-chemicals	1,600 farmers	10,000 farmers	2027		
No of farmers trained and empowered	500	10,500	2027		
(i)increase National production output (ii) No of farmers supported with seedlings (iii) No of hectareage under cultivation	(i) 200 mt (ii) 1,300 farmers (iii) 2,000 ha	(i) 10,000mt (ii) 10,000 (iii) 10,000 ha	2027		
2.997Ha of Certified Coconut seedlings fields produce and certified.	N. A	Coconut, Certified: 2,997Ha	2027		
Development of a seed system for coconut seedlings	N. A		2027		

<b>Priority Crops for Import Self-Sufficiency</b>					
<b>Key Performance Indicator</b>	<b>Baseline 2021</b>	<b>Target: Quantitative/Qualitative</b>	<b>Date of Completion</b>	<b>Completion Status</b>	<b>Revised date of Completion</b>
No of farmers trained	500	15,000	2027		
(i) No of cottage and processing center (ii) No of jobs created	(i) 3 (ii) 5,000 jobs	(i) 30 cottage hubs (ii) 20,000 jobs	2027		
No of farmers supported with agro-chemicals	1,450 farmers	10,000 farmers	2027		
i) increase National production output (ii) No of farmers supported with seedlings (iii) No of hectareage under cultivation (iv) No of hectareage established	i) 490,626 ton (ii) 358 farmers (iii) 287.7 ha (iv) 287.7 Ha	i) 800,000 ton (ii) 2,000 farmers (iii) 500 ha (iv) 500 ha	2027		
2.997Ha of Certified Gum Arabic seedlings fields produce and certified.	N. A	Gum Arabic, 2,997Ha	2027		
Development of a seed system for Gum Arabic seedlings	N. A		2027		
(i)No of processing centers (ii) No of demonstration plots	(i) 2 processing center (ii) 3 demo plot	(i) 8 processing center (ii) 9 demo plot	2027		
No of farmers supported with agro chemicals and inputs	Nil	Nil	2027		
No of farmers engaged and empowered	1,000	20,000	2027		
No of Jobs	780	5,000	2027		
(i) increase National production	(i) 1.4 million mt	(i) 2.8 million mt	2027		

<b>Priority Crops for Import Self-Sufficiency</b>					
<b>Key Performance Indicator</b>	<b>Baseline 2021</b>	<b>Target: Quantitative/Qualitative</b>	<b>Date of Completion</b>	<b>Completion Status</b>	<b>Revised date of Completion</b>
output (ii) No of farmers supported with seedlings (iii) No of hectare under cultivation	(ii) 2,000 farmers (iii) 3,000,000 ha	(ii) 20,000 farmers (iii) 9,000,000 ha			
Production of breeder, foundation and certified seed of oil palm sprouted nuts/seedlings	N.A	Oil Palm, 2,997Ha	2027		
Development of a seed system for Oil palm sprouted nuts/seedlings	N.A		2027		
No of farmers supported with agro chemicals and input	30,000	90,000	2027		
No of processing centers	1		2027		
(i) No of Demonstration plot (ii) No of farmers trained	(i) 3 (ii) 500	(i) 9 (ii) 1,500	2027		
No of jobs created	10,000	60,000 jobs	2027		
(i)increase National production output (ii) No of farmers supported with seed (iii) No of hectare under cultivation	(i) 340,000mt (ii) 150,000 farmer (iii) 50,000 ha	(i) 700,000 mt (ii) 300,000 farmers (iii) 150,000 ha	2027		
2,997Ha of certified seedlings fields for HYBRID COCOA POD/SEEDLINGS: (CRIN TC 1-8)/ TC- series produce for	N. A	Cocoa, 2,997Ha	2027		

<b>Priority Crops for Import Self-Sufficiency</b>					
<b>Key Performance Indicator</b>	<b>Baseline 2021</b>	<b>Target: Quantitative/Qualitative</b>	<b>Date of Completion</b>	<b>Completion Status</b>	<b>Revised date of Completion</b>
quality assurances					
Development of a seed system for HYBRID COCOA POD/SEEDLINGS: (CRIN TC 1-8) /TC Series	N. A		2027		
No of farmers supported with agro-chemical and farm inputs	15,000 farmers	50,000 farmers	2027		
No of jobs created	5,000.00	50,000	2027		
No of cottage industries and processing industries	Nil	Nil	2027		
No of farmers trained	1,200 farmers	20,000 farmers	2027		
(i)increase National production output (ii) No of farmers supported with seedlings (iii) No of hectare under cultivation	(i) 400 million mt (ii) 1,500 farmers (iii) 95 million Mt	(i) 800 million mt (ii) 50,000 farmers (iii) 190 million Mt	2027		
20Ha of certified fields produce for quality assurances	N.A	Tomato, Certified: 20Ha	2027		
Development of a seed system for Tomato	N.A		2027		
(i) No of farmers empowered with agro-inputs (ii) No of cottage processing centers	(i) 1,200 farmers (ii) 5 cottages	(i) 50,000 farmers (ii) 10 cottages	2027		
No. of farmers that access finance and are linked to					

<b>Priority Crops for Import Self-Sufficiency</b>					
<b>Key Performance Indicator</b>	<b>Baseline 2021</b>	<b>Target: Quantitative/Qualitative</b>	<b>Date of Completion</b>	<b>Completion Status</b>	<b>Revised date of Completion</b>
markets					
No of farmers trained	500 farmers	20,000 farmers	2027		
No of jobs created	1,000	4,000	2027		
(i)increase National production output (ii) No of farmers supported with seedlings (iii) No of hectare under cultivation (iv)No of farmers empowered with infrastructure	(i) 300 mt (ii) nil (iii) 600 ha (iv) 700 farmers	(i) 500 Mt (ii) nil (iii) 1,200 ha (iv) 1,400 farmers	2027		
No of farmers trained and empowered	500 farmers	3,000 farmers	2027		
No of jobs created	10,000	20,000	2027		
(i)increase National production output (ii) No of farmers supported with seedlings (iii) No of hectare under cultivation	(i) 400 mt (ii) 700 farmers (iii) 500 ha	(i) 800 mt (ii) 20,000 farmers (iii) 1,000 ha	2027		
No of farmers empowered by agro-chemicals	1,500 farmers	30,000 farmers	2027		
Breeder, Foundation and Certified seed of sunflowers seeds produce	120MT	240MT	2027		
20Ha of Certified seed fields for quality assurance	10Ha	20Ha	2027		

<b>Priority Crops for Import Self-Sufficiency</b>					
<b>Key Performance Indicator</b>	<b>Baseline 2021</b>	<b>Target: Quantitative/Qualitative</b>	<b>Date of Completion</b>	<b>Completion Status</b>	<b>Revised date of Completion</b>
No of farmers trained	700 farmers	20,000 farmers	2027		
No of jobs created by access to finance	5000	35,000	2027		
No of farmers empowered through implementation of technology	700	20,000	2027		
(i) increase National production output (ii) No of farmers supported with seedlings (iii) No of hectareage under cultivation	(i) 25,000,000 mt (combined ) (ii) 5,000 farmers (iii) 140,000 ha	(i) 50,000,000mt (ii) 25,000 farmers (iii) 250,000 ha	2027		
(i) No of farmers supported (ii) no of farmers empowered	(i) 5,000 farmers (ii) 7,000 farmers	(i) 50,000 farmers (ii) 50,000 farmers	2027		
(i) No of farmers trained	500 farmers	15,000 farmers	2027		
No of Hubs Established	5 hubs	15 hubs	2027		
No of farmers and exporters trained	500	20,000	2027		
(i) increase National production output (ii) No of farmers supported with seedlings (iii) No of hectareage under cultivation	(i) 5,000,000 (ii) 5,000 farmers (iii) 30,000 ha	(i) 30,000,000 (ii) 30,000 farmers (iii) 100,000 ha	2027		
NO OF FARMERS EMPOWERED	600	5,000	2027		
NO OF FARMERS TRAINED	720	5,000	2027		
No of farmers and exporters	500	20,000	2027		

<b>Priority Crops for Import Self-Sufficiency</b>					
<b>Key Performance Indicator</b>	<b>Baseline 2021</b>	<b>Target: Quantitative/Qualitative</b>	<b>Date of Completion</b>	<b>Completion Status</b>	<b>Revised date of Completion</b>
trained					
NO OF COTTAGE INDUSTRIES	1	3	2027		
(i)increase National production output (ii) No of farmers supported with seedlings (iii) No of hectareage under cultivation	(i) 2500 mt (ii) 6,000 farmers (iii) 90,000 ha	(i) 805,576 mt (ii) 8,000mt (iii) 180,000 ha	2027		
Total No of farmers empowered	500	50,000	2027		
No of farmers trained	1,500	30,000	2027		
jobs created	12,000	40,000	2027		
No of farmers and exporters trained	500	20,000	2027		
(i)increase National production output (ii) No of farmers supported with seed (iii) No of hectareage under cultivation	(i) 5,000 mt (ii) 8,513 farmers (iii) 10,833 ha	(i) 10,000 mt (ii) 29,000 farmers (iii) 20 000 Ha	2027		
No of farmers trained and empowered	1,000	30,500	2027		
No of farmers empowered through the distribution of agro-chemicals	2,600 farmers	50,000 farmers	2027		
No of Jobs created through access to finance	4,000	20,000	2027		
No of Cashew farms certified for		1,000 farms	2027		

<b>Priority Crops for Import Self-Sufficiency</b>					
<b>Key Performance Indicator</b>	<b>Baseline 2021</b>	<b>Target: Quantitative/Qualitative</b>	<b>Date of Completion</b>	<b>Completion Status</b>	<b>Revised date of Completion</b>
production for export					
No of farmers and exporters trained	500	20,000	2027		
(i)increase National production output (ii) No of farmers supported with seedlings (iii) No of hectareage under cultivation	(i) 53,000 mt (ii) 1,700 farmers (iii) 58,000 ha	(i) 93,000 mt (ii) 5,700 farmers (iii) 78,000 ha	2027		
(i) No of resource center (ii) no of farmers supported (iii) No of Bud wood garden	(i) 12 (ii) 15,000 (iii) 12	(i) 18 (ii) 25,000 (iii) 20	2027		
No of farmers trained	1,000	3,000	2027		
No of Jobs created through access to finance	90,000	180,000	2027		
(i) increase National production output (ii) No of farmers supported with seedlings (iii) No of hectareage under cultivation	(i) 1,000,000 mt (ii) 2,500 farmers (iii) 10,000 ha	(i) 9,000,000 mt (ii) 5,500 farmers (iii) 90,000 ha	2027	On-going	
(i) No of processing	(i) 2 processing centers	10 processing centers	2027		
No of farmers Trained	1,500 farmers	5,000 farmers	2027		
No of Jobs created through access to finance	10,000	50,000	2027		
No of Shea Nuts farms certified		1,000 farms			

<b>Priority Crops for Import Self-Sufficiency</b>					
<b>Key Performance Indicator</b>	<b>Baseline 2021</b>	<b>Target: Quantitative/Qualitative</b>	<b>Date of Completion</b>	<b>Completion Status</b>	<b>Revised date of Completion</b>
for production for export					
No of farmers and exporters trained	500	2,000	2027		
(i) increase National production output (mango) (ii) No of farmers supported with seedlings (iii) No of hectare under cultivation (iv) increase National production output (hibiscus) (v) No of farmers supported with seedlings (hibiscus) (vi) No of hectare under cultivation	(i) 200mt (ii) 500 farmers (iii) 10,000 ha (iv) 10,000 mt (v) 1,320 farmers (vi) 20,000ha	(i) 500mt (ii) 1000 farmers (iii) 20,000 ha (iv) 21,000 mt (v) 2,300 farmers (vi) 40,000ha	2027		
No of farmer supported (mango/hibiscus) agro chemical	4,500 farmers	20,000 farmers	2027		
No of farmers trained	900 farmers	18,000 farmers	2027		
No of Jobs created through access to finance	15,000	45,000	2027		
No. of farmers and exporters trained	800	20,000	2027		
No. of Fumigation Chambers Certified	10	30	2027		
No. of farmers and exporters trained	2,000	10,000	2027		
No. of farms certified for export	10	50	2027		

<b>Priority Crops for Import Self-Sufficiency</b>					
<b>Key Performance Indicator</b>	<b>Baseline 2021</b>	<b>Target: Quantitative/Qualitative</b>	<b>Date of Completion</b>	<b>Completion Status</b>	<b>Revised date of Completion</b>
produce					
No of Plants and Plant products inspected and certified (Phytosanitary Certificate) for export	5,000	10,000	2027		

## **6.9 Fisheries and Marine Resources**

<b>Key Performance indicator</b>	<b>Baseline 2021</b>	<b>Target: quantitative / Qualitative</b>	<b>Date of Completion</b>	<b>Completion Status</b>	<b>Revised date of Completion</b>	<b>M&amp;E/Evaluator's remark</b>
To increase fish productivity by 50%	1027058MT	513,529MT		2027		
Fish Importation reduced by 40%	509,512.8MT	203,805.12MT	2027	2027		
2000 fisheries Extension workers trained	300	2300	2027	2026		
20 more water bodies used for cage culture	16	36	2026	2027		

<b>Key Performance indicator</b>	<b>Baseline 2021</b>	<b>Target: quantitative / Qualitative</b>	<b>Date of Completion</b>	<b>Completion Status</b>	<b>Revised date of Completion</b>	<b>M&amp;E/Evaluator's remark</b>
Six (6) more regional disease Laboratories established	2	8	2025	2025		
20 New private fish feed mills established	10	30	2027	2027		
40 New Water bodies enhanced Nationwide	15	55	2027	2027		
Six (6) structured landing sites established Nationwide	0	6	2027	2027		
Three (3) Ornamental Private fish farms established	3	6	2025	2025		
Five (5) Private Tuna Fishing Vessel Established	0	5	2025	2025		
A dedicated fishing terminal Established	0	6	2025	2025		

Key Performance indicator	Baseline 2021	Target: quantitative / Qualitative	Date of Completion	Completion Status	Revised date of Completion	M&E/Evaluator's remark
Establishment of 4 Fish Vessel Monitoring Centers	2	4	2025	2027		

## 6.10 Market Development

Market Development Monitoring and Evaluation						
Key Performance indicator	Base line	Target: quantitative/Qualitative	Date of Completion	Completion Status	Revised date of Completion	M&E/Evaluator's remark
	2019					
7 Nos Agribusiness incubation centres to be establish in universities across the country.	2 Nos Agribusiness incubation centres already established.	7 Nos incubation centres to be established.				
30 Nos Training on Agribusiness to MSMEs, Cooperatives & Farmers Associations.	6 Nos Training on Agribusiness to MSMEs, Cooperatives & Farmers Associations.	30 Nos Training on Agribusiness to MSMEs, Cooperatives & Farmers Associations.				
6 Nos of sensitization and training on harnessing the gains of AfCFTA	1 Nos Conduct sensitization and training on harnessing the gains of AfCFTA	6 Nos of sensitization & training to be conducted.				
5 Nos aggregation centres to be established.	Aggregation centres established	4 Nos aggregation centres to be established.				
5 Nos Agro-industrial estate to be established.	1 Nos Agro-industrial estate to be established..	4 Nos Agro-industrial estate to be established				

<b>Market Development Monitoring and Evaluation</b>						
<b>Key Performance</b>	<b>Base line</b>	<b>Target:</b>	<b>Date of</b>	<b>Completion</b>	<b>Revised date of</b>	<b>M&amp;E/Evaluator's</b>
8 Nos Abattoirs and meat Preservation facilities to be establish.	Abattoirs and meat preservation facilities to be establish.	8 Nos Abattoirs and meat Preservation facilities to be established.				
10 Nos Cold chain storage facilities.	12 Nos Cold chain storage facilities establish	10 Nos Cold chain storage facilities to be established.				
4 Nos commodity market to establish.	4 Nos commodity market to establish.	4 Nos commodity market to establish.				
5 Nos workshop & Seminar on Production and dissemination of quality control standard/certification guidelines for producers, processors & marketers for effective product identification and traceability to be conducted.	1 Nos workshop & Seminar Production and dissemination of quality control standard/certification guidelines for producers, processors & marketers for effective product identification and traceability.	4 Nos workshop & Seminar on Production and dissemination of quality control standard/certification guidelines for producers, processors & marketers for effective product identification and traceability to be conducted.				
4 Nos Fish cold chain storage management system to be establish.	Fish cold chain storage management system.	4 Nos Fish cold chain storage management system to be established.				
5 Nos Market information service center for crops/market coverages to be establish.	1 Nos Market information service center for crops/market coverages to be establish.	5 Nos Market information service center for crops/market coverages to be established.				

<b>Market Development Monitoring and Evaluation</b>						
<b>Key Performance</b>	<b>Base line</b>	<b>Target:</b>	<b>Date of</b>	<b>Completion</b>	<b>Revised date of</b>	<b>M&amp;E/Evaluator's</b>
3 Nos lay-by market at highway express to be established.	Lay-by market at highway express to be establish.	3 Nos lay-by market at highway express to be established.				
Launching of investment guide on Nigeria's non-oil exportable products, their sources, and potentials for foreign markets.	Launching of investment guide on Nigeria's non-oil exportable products, their sources, and potentials for foreign markets	Launching of investment guide on Nigeria's non-oil exportable products, their sources, and potentials for foreign markets				
Documentation and of processes, persons and institutions involved in the export business	Documentation of processes, persons and institutions involved in the export business	Documentation of processes, persons and institutions involved in the export business				
4 Nos livestock & fish market to be upgraded to meet International Standard	livestock & fish market to be upgraded to meet International Standard	4 Nos livestock & fish market to be upgraded to meet International Standard				
Nationwide advocacy on agricultural quality control & standardization	Nationwide advocacy on agricultural quality control & standardization	Nationwide advocacy on agricultural quality control & standardization				

### 6.11 Securing Agricultural Land and Investment

<b>Impact Indicator (Driven from key objectives/milestones)</b>	<b>Baseline 2021</b>	<b>Target</b>	<b>Date of Completion</b>	<b>Completion Status</b>	<b>Revised date of Completion</b>	<b>M &amp; E Evaluation remarks.</b>
Increase the Nos. Of youth and women in farming activities	2,500,000	10,000,000	2022 – 2027			
Reduce the incidencies of farmers herders conflict	1,500	100	2022 - 2027			
Nos. of relevant stakeholders engaged on security of farmland and farming activities	20	500	2022 – 2027			

### 6.12 Rural Development

	<b>Key Performance indicator</b>	<b>Baseline 2021</b>	<b>Target: quantitative/Qualitative</b>	<b>Date of Completion</b>	<b>Completion Status</b>	<b>Revised date of Completion</b>	<b>M&amp;E/Evaluator's remark</b>
i	Number (Km) of Concrete paved, Asphalt, interlocking and earth roads) rural roads constructed	1910.1	23,680	2027	10%	2027	

	<b>Key Performance Indicator</b>	<b>Baseline 2021</b>	<b>Target: quantitative/Qualitative</b>	<b>Date of Completion</b>	<b>Completion Status</b>	<b>Revised date of Completion</b>	<b>M&amp;E/Evaluator's remark</b>
ii	Number (unit) of Solar Powered/Motorised boreholes provided	1503	38,700	2027	5%	2027	
iii	Number (unit) of Water Treatment Plants constructed	49	555	2027	0.5%	2027	
iv	Number (unit) of Solar Street Lights provided	26565	580,500	2027	5%	2027	
v	Number of Rural Sanitary facilities (with boreholes) provided.	5	7,400	2027	0.2%	2027	
vi	Number of Rural Markets constructed	26	1,610	2027	0.5%	2027	
vii	Number of Infrastructural facilities captured and needs identified		National Rural Infrastructure Survey conducted in 36 states and FCT	2027	0.1%	2027	

	<b>Key Performance indicator</b>	<b>Baseline 2021</b>	<b>Target: quantitative/Qualitative</b>	<b>Date of Completion</b>	<b>Completion Status</b>	<b>Revised date of Completion</b>	<b>M&amp;E/Evaluator's remark</b>
viii	Number of participants reached and enlightened, Number of communities covered	189	9,435	2027	0.5%	2027	
ix	Number of empowerment centres provided or upgraded	0	150	2027	0.50%	2027	
x	Number of low-cost-housing structures provided	0	132	2027		2027	

### 6.13 Nutrition

<b>Key Performance indicator</b>	<b>Baseline 2021</b>	<b>Target: Quantitative/Qualitative</b>	<b>Date of Completion</b>	<b>Completion Status</b>	<b>Revised date of Completion</b>
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<b>Key Performance indicator</b>	<b>Baseline 2021</b>	<b>Target: Quantitative/ Qualitative</b>	<b>Date of Completion</b>	<b>Completion Status</b>	<b>Revised date of Completion</b>
i. Number of sensitization/awareness creation workshop on bio-fortified staple foods conducted. ii. Number of vulnerable households/farmers producing, consuming, and utilizing bio-fortified staple foods conducted.	0	10,000 vulnerable households across the Nation	2027	On-going	
i. Number of regional stakeholders' engagement workshop carried out. ii. Number of vulnerable households/farmers adopting home grown school feeding programme.	0	10,000 vulnerable households across the Nation	2027	On-going	
i. Number of capacity building carried out. ii. Number of vulnerable households/farmers adopting cold chain facilities, packaging materials, and plastic crates.	0	10,000 vulnerable households across the Nation	2027	On-going	
i. Number of plastic crates, zero-fly bags distributed. ii. Number of farmers supported with plastic crates, zero-fly bags	0	10,000 farmers across the Nation	2027	On-going	
i. Number of vulnerable households/farmers adopting homestead production of bio-fortified staple crops	0	10,000 vulnerable households across the Nation	2027	On-going	

Key Performance indicator	Baseline 2021	Target: Quantitative/ Qualitative	Date of Completion	Completion Status	Revised date of Completion
i. Number of customized organic store products support packs distributed. ii. Number of farmers supported with plastic crates, zerofly bags	0	10,000 vulnerable households across the Nation	2027	On-going	
i. Number of training workshops conducted, and farmers trained. ii. Number of farmers adopting homestead garden and production of bio-fortified crops	0	10,000 vulnerable households across the Nation	2027	On-going	
i. Number of FG-FMAFS, customized Nutrition input starter parks distributed. ii. Number of schools supported with FG-FMAFS, customized Nutrition input starter parks	0	360 schools in 6 geopolitical zones	2027	On-going	
I. Number of trainings conducted. ii. number of agricultural science teachers trained.	0	500 agricultural science teachers from 36 states and FCT	2027	On-going	
i. Number of capacity building on GAP and latest technology conducted. ii. Number of farmers and extension agents trained. iii. Number of farmers and extension agents adopting the GAP & new technology	0	1,000 farmers and extension agents in 36 states and FCT	2027	On-going	

Deleted[Onilogbo, Omobolanle (IFPRI-Nigeria)]: FMARD

Deleted[Onilogbo, Omobolanle (IFPRI-Nigeria)]: FMARD

<b>Key Performance indicator</b>	<b>Baseline 2021</b>	<b>Target: Quantitative/ Qualitative</b>	<b>Date of Completion</b>	<b>Completion Status</b>	<b>Revised date of Completion</b>
Number of demonstration farms established	0	37 Hectares of demonstration farms in 36 states & FCT	2027	On-going	
i. Number of workshops conducted. ii. Number of farmers and extension agents trained.	0	1,000 farmers and extension agents in 36 states and FCT	2027	On-going	
Number of communication materials developed and distributed	0	10,000 communication materials	2027	On-going	

#### **6.14 Digital Climate Smart Agriculture**

<b>Impact indicator (driven from key objectives/ milestones)</b>	<b>Baseline 2021</b>	<b>Target-</b>	<b>Date of completion</b>	<b>Completion Status</b>	<b>Revised date of completion</b>	<b>M &amp; E Evaluator's remark</b>
Number of climate smart agriculture villages for digital real time knowledge-sharing platforms to small holder farmers	1 Nos	774 Nos.	2022 - 2027			
Number of youths trained on Digital agriculture	100,000	80,000	2022 - 2027			
Ha of farmland reclaimed from flood and erosion control.	15 Ha	6,000 Ha	2022 - 2027			
Number of automatic weather station and localised seasonal rainfall prediction	10 Nos	774 LGA	2022 - 2027			
Number of early warning systems on disease/ pest information in rural communities	4 Nos	774 LGA	2022 - 2027			

<b>Impact indicator (driven from key objectives/ milestones)</b>	<b>Baseline 2021</b>	<b>Target-</b>	<b>Date of completion</b>	<b>Completion Status</b>	<b>Revised date of completion</b>	<b>M &amp; E Evaluator's remark</b>
Number of deployment and utilization of digital technologies and innovations, such as remote-sensing, yield mapping, GPS guidance systems, food Blockchain, artificial intelligence (AI), etc. in farming communities.	4	774 LGA	2022 - 2027			
Number of ABC of SLC (a community-based peer learning project program to enhance peer group learning by extension workers developed	4 Nos	36 state and FCT	2022 - 2027			
Number of Smart-Input Pad for digital-based determination of appropriate input application	Nil	10m	2022 - 2027			
Number of Develop programmes to promote digital agricultural extension services	2	774 LGA				
Number Promotion of home-grown ICT driven agriculture for enhanced agricultural productivity	10 Nos	10m	2022 - 2027			

### 6.15 Data and Information Management

<b>Key Performance Indicators</b>	<b>Baseline 2021</b>	<b>Target</b>	<b>Date of Completion</b>	<b>Completion Status</b>	<b>Reviewed Date of Completion</b>	<b>M&amp;E Evaluation Report</b>
Nos of impact assessment conducted	0	5	2022-2027			
Nos of Market Information and Price Intelligence conducted	6	5	2022-2027			

<b>Key Performance Indicators</b>	<b>Baseline 2021</b>	<b>Target</b>	<b>Date of Completion</b>	<b>Completion Status</b>	<b>Reviewed Date of Completion</b>	<b>M&amp;E Evaluation Report</b>
Established Agriculture E-Directory	0	1	2022-2027			
Nos of wet and dry seasons agricultural survey conducted	10	10	2022-2027			
Nos of sub-sectoral agricultural data generated and analyzed for public use	15	30	2022-2027			
Nos of Agricultural Exportable Survey conducted	10	15	2022-2027			
National Agricultural Data Management Information System reevaluated and implemented	0	1	2022-2027			
Nos. of agricultural sample sensors conducted	1	5	2022-2027			

### **6.16 Access to Finance monitoring and Evaluation**

<b>Key Performance indicator</b>	<b>Baseline 2019</b>	<b>Target: quantitative/Qualitative</b>	<b>Date of Completion</b>	<b>Completion Status</b>	<b>Revised date of Completion</b>	<b>M&amp;E/Evaluator's remark</b>
7 Nos Agribusiness incubation centres to be establish in universities across the country.	2 Nos Agribusiness incubation centres already established.	7 Nos incubation centres to be established.				
30 Nos Training on Agribusiness to MSMEs, Cooperatives & Farmers Associations.	6 Nos Training on Agribusiness to MSMEs, Cooperatives & Farmers Associations.	30 Nos Training on Agribusiness to MSMEs, Cooperatives & Farmers Associations.				

<b>Key Performance indicator</b>	<b>Baseline 2019</b>	<b>Target: quantitative/Qualitative</b>	<b>Date of Completion</b>	<b>Completion Status</b>	<b>Revised date of Completion</b>	<b>M&amp;E/Evaluator's remark</b>
6 Nos of sensitization and training on harnessing the gains of AfCFTA	1 Nos Conduct sensitization and training on harnessing the gains of AfCFTA	6 Nos of sensitization & training to be conducted.				
5 Nos aggregation centres to be established.	aggregation centres established	4 Nos aggregation centres to be established.				
5 Nos Agro-industrial estate to be established.	1 Nos Agro-industrial estate to be established.	4 Nos Agro-industrial estate to be established				
8 Nos Abattoirs and meat Preservation facilities to be establish.	Abattoirs and meat preservation facilities to be establish.	8 Nos Abattoirs and meat Preservation facilities to be established.				
10 Nos Cold chain storage facilities.	12 Nos Cold chain storage facilities establish	10 Nos Cold chain storage facilities to be established.				
4 Nos commodity market to establish.	4 Nos commodity market to establish.	4 Nos commodity market to establish.				
5 Nos workshop & Seminar on Production and dissemination of quality control standard/certification guidelines for producers, processors & marketers for effective product identification and traceability to be conducted.	1 Nos workshop & Seminar Production and dissemination of quality control standard/certification guidelines for producers, processors & marketers for effective product identification and traceability.	4 Nos workshop & Seminar on Production and dissemination of quality control standard/certification guidelines for producers, processors & marketers for effective product identification and traceability to be conducted.				

<b>Key Performance indicator</b>	<b>Baseline 2019</b>	<b>Target: quantitative/Qualitative</b>	<b>Date of Completion</b>	<b>Completion Status</b>	<b>Revised date of Completion</b>	<b>M&amp;E/Evaluator's remark</b>
4 Nos Fish cold chain storage management system to be establish.	Fish cold chain storage management system.	4 Nos Fish cold chain storage management system to be established.				
5 Nos Market information service center for crops/market coverages to be establish.	1 Nos Market information service center for crops/market coverages to be establish.	5 Nos Market information service center for crops/market coverages to be established.				
3 Nos lay-by market at highway express to be established.	Lay-by market at highway express to be establish.	3 Nos lay-by market at highway express to be established.				
Launching of investment guide on Nigeria's non-oil exportable products, their sources, and potentials for foreign markets.	Launching of investment guide on Nigeria's non-oil exportable products, their sources, and potentials for foreign markets	Launching of investment guide on Nigeria's non-oil exportable products, their sources, and potentials for foreign markets				
Documentation and of processes, persons and institutions involved in the export business	Documentation of processes, persons and institutions involved in the export business	Documentation of processes, persons and institutions involved in the export business				
4 Nos livestock & fish markets to be upgraded to meet International Standard	Livestock & fish markets to be upgraded to meet International Standard	4 Nos livestock & fish markets to be upgraded to meet International Standard				
Nationwide advocacy on agricultural quality control & standardization	Nationwide advocacy on agricultural quality control &	Nationwide advocacy on agricultural quality control & standardization				

<b>Key Performance indicator</b>	<b>Baseline 2019</b> standardization	<b>Target:</b> <b>quantitative /Qualitative</b>	<b>Date of Completion</b>	<b>Completion Status</b>	<b>Revised date of Completion</b>	<b>M&amp;E/Evaluator's remark</b>
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### 6.17 Access to Inputs Monitoring and Evaluation

<b>Key Performance indicator</b>	<b>Baseline 2021</b>	<b>Target:</b> <b>quantitative/ Qualitative</b>	<b>Date of Completion</b>	<b>Completion Status</b>	<b>Revised date of Completion</b>	<b>M&amp;E/Evaluator's remark</b>
Number of fertilizer operators licensed (issued with Certificates of Registration and Sales Permit)	0	2,500	2027		2027	
Number of National Reference Laboratory Complex established	0	1	2027		2027	
Number of Farmers trained on organic fertilizer preparation and use	0	50,000	2027		2027	
Number of organic farmers supported with organic fertilizers	0	500,000	2027		2027	
Number of small-holder farmers supported with subsidized inputs	0	2,000,000	2027		2027	
The agro-pocket technology platform established	0	1	2027		2027	
Number of agro-input centers (Selling point) established	0	6	2027		2027	
Number of Farmers registered under the different commodity value chains nationwide	0	1	2027		2027	
Number of Fertilizer Quality Control Inspectors trained	0	150	2027		2027	

## 6.18 Agricultural Land and Water Management

Impact indicator (driven from key objectives/ milestones)	Baseline 2021	Target-	Date of completion	Completion Status	Revised date of completion	M & E Evaluator's remark
Number of water-harvesting structure constructed	6 Nos water harvesting structure,	To construct run-off water harvesting structures and mini earth dams in 3 senatorial districts in 36 states of the Federation and FCT.	2022 - 2027	On-going		
Number of mini/micro earth dam constructed.	1 micro earth dam		2022 - 2027	On-going		
Ha of farmland reclaimed from flood and erosion control.	15 Ha	2,000 Ha	2022 - 2027	On-going		
Number of farmlands reclaimed and put into cultivation.	20 Ha	100 Ha	2022 - 2027	On-going		
Number of jobs created. Increase in agricultural farm output.	100 Nos	250 farmers	2022 - 2027	On-going		
Number of digital maps produced	4 Nos	36 states and FCT	2022 - 2027	On-going		
Number of farmers, academia, processors on the knowledge of digital agriculture	1450 Nos	10m	2022 - 2027	On-going		
Number of farmers trained.	300 Nos	10m	2022 - 2027	On-going		
Number of weather stations established in Nigeria	10 Nos	774 LGA	2022 - 2027	On-going		
Number per hectare of arable land cultivated	1 Ha	2 Ha	2022 - 2027	On-going		
Number of economic trees planted in each state of the	540	15m	2022 - 2027	On-going		

<b>Impact indicator (driven from key objectives/ milestones)</b>	<b>Baseline 2021</b>	<b>Target-</b>	<b>Date of completion</b>	<b>Completion Status</b>	<b>Revised date of completion</b>	<b>M &amp; E Evaluator's remark</b>
federation.						

<b>Impact indicator (driven from key objectives/ milestones)</b>	<b>Baseline 2021</b>	<b>Target-</b>	<b>Date of completion</b>	<b>Completion Status</b>	<b>Revised date of completion</b>	<b>M &amp; E Evaluator's remark</b>
Number of solar powered borehole and surface irrigation systems established	2 Nos	774 LGA	2022 - 2027	On-going		
Number of farmers trained on agroforestry in the 36 states of the federation and the FCT	100 Nos	10m	2022 - 2027			
Number of preprocessing equipment produced and distributed to farmers and farm families in Nigeria.	Nil	10m	2022 - 2027	On-going		
Reduction in greenhouse gas emission. Reduction in deforestation.	Reduction by	100,000 tons	2022 - 2027	On-going		
Number of farmers that adopted the innovation on agricultural residue briquette	165 Nos	10m	2022 - 2027			
Number of Production and adoption of renewable energy by farmers and other stakeholders in Nigeria.	500 farmers	10m	2022 - 2027	On-going		
Number of jobs created	270	10m	2022 - 2027	On-going		

<b>Impact indicator (driven from key objectives/ milestones)</b>	<b>Baseline 2021</b>	<b>Target-</b>	<b>Date of completion</b>	<b>Completion Status</b>	<b>Revised date of completion</b>	<b>M &amp; E Evaluator's remark</b>
Number of economic trees planted in each state of the federation.	1560	36 states of the federation including FCT.	2022 - 2027	On-going		
Number of solar powered borehole and surface irrigation systems established.	2 Nos	774 LGA	2022 - 2027	Ongoing		
Number of farmers trained on agroforestry in the 36 states of the federation and the FCT	1200	10m	2022 - 2027			
Numbers of preprocessing equipment produced and distributed to farmers and farm families in Nigeria.	Nil	36 states of the federation including FCT.	2022 - 2027	On-going		
Percentage of Reduction in greenhouse gas emission. Reduction in deforestation.		100,000 tons	2022 - 2027	On-going		
Number of farmers that adopted the innovation on agricultural residue briquette. Production and adoption of renewable energy by farmers and other stakeholders in Nigeria.	500 farmers  Nil	10m  Capacity of farmers and key actors developed on benefits and utilisation of clean energy	2022 - 2027  2022 - 2027	On-going  On-going		

## 6.19 Youth and Women in Agriculture

Indicators	Baseline 2021	Target	Date of Completion	Reviewed Date of Completion	M & E Evaluator's remark
Number of Multi-stakeholder interventions to foster Women Empowerment and Livelihood Improvement for Family Enterprise in Agriculture and Agribusiness	90.00	545	2027		
Number of Cottage industries strengthened/established in rural communities to empower women and youth	37.00	185	2027		
Streamlined and coordinated Youths Empowerment initiatives in Agriculture and Agribusiness.	-	unified approach established and operated	2025		
Number of women Extension workers/agents trained and deployed,	0.00	50,000,000	2027		
Embed Gender Action Learning System in agribusiness development initiatives	0.00	115	2025		
Development of Web-Based Database for Gender and Yearly Gender Auditing	0.00	7	2027		
Number of Gender Desk Officers and Stakeholders trained in gender mainstreaming in the 36 States and FCT	0.00	500	2025		
Number of gender-sensitive financing schemes in agribusiness developed and operated	0.00	10	2025		
number of women and youth cooperatives exporting valued added agricultural products	-	200	2027		
Number of women and youth who accessed agribusiness financing	-	300,000	2027		

<b>Indicators</b>	<b>Baseline 2021</b>	<b>Target</b>	<b>Date of Completion</b>	<b>Reviewed Date of Completion</b>	<b>M &amp; E Evaluator's remark</b>
Climate Change Adaptation and Mitigation Strategy developed and operated	-	Strategy developed and implemented	2025		

## 6.20 National Food Reserve and Food Security

<b>Impact Indicator (Driven from key objectives/milestones)</b>	<b>Baseline 2021</b>	<b>Target</b>	<b>Date of Completion</b>	<b>Completion Status</b>	<b>Revised date of Completion</b>	<b>M &amp; E Evaluator's remark</b>
Increased Strategic Food Reserve to 2 million Metric Tons of Assorted Food	700,000 MT	2,000,000 MT	2022 – 2027			
Enhanced On-Farm Storage by 30%	1,000,000 MT	8,000,000 MT	2022 - 2027			
Strengthened Buffer stock Operators of States by 50%.	Negligible	600,000 MT	2022 – 2027			
Reduce food inflation by 30%	22	15.4	2022 – 2027			

## 6.21 Cooperative Revitalization

<b>Indicators</b>	<b>Baseline 2021</b>	<b>Target</b>	<b>Date of Completion</b>	<b>Completion Status</b>	<b>Reviewed Date of Completion</b>	<b>M and E Remarks</b>
No. of Integrated Cooperative Enterprise Centers (ICECs) established.	0	80	2027			

<b>Indicators</b>	<b>Baseline 2021</b>	<b>Target</b>	<b>Date of Completion</b>	<b>Completion Status</b>	<b>Reviewed Date of Completion</b>	<b>M and E Remarks</b>
No. of assets owned by cooperative societies	15	148	2027			
774 Cooperative data capturing, and analysis tools procured	4	774	2025			
No. of facilities renovated at the National Cooperative Development Center (NCDC) Sheda	2	5	2024			
No. of new facilities and office equipment provided at the NCDC	20	500	2025			
Reviewed and amended Cooperative laws and legislation	0	4	2025			
Approved of reviewed Cooperative Policy and passage of amended Cooperative Development Act by NASS	0	2	2025			
3 No. New Cooperative Colleges established	0	3	2027			
No. of Cooperative University established	0	2	2027			
No. of copies of cooperative practice and regulation produced	0	200,000	2025			
National Council on Cooperative Affairs (NCCA) conducted, and reports prepared.	0	4	2027			
No. of Cooperatives trained in cluster farming	0	141	2026			
Established National Cooperative Development Fund (NCDF)	0	30,000,000,000	2026			
No. of National Agricultural Cooperative Apex established	0	10	2026			

<b>Indicators</b>	<b>Baseline 2021</b>	<b>Target</b>	<b>Date of Completion</b>	<b>Completion Status</b>	<b>Reviewed Date of Completion</b>	<b>M and E Remarks</b>
No. of Cooperative one village one product enterprise established	0	774	2027			
No. agricultural equipment distribution maintenance enterprises	0	40	2027			
No. of quality assurance and standardization facilities provided for cooperatives	0	40	2027			
No. of production and processing equipment hiring enterprise	0	80	2027			
No. of Hectares of land acquired for cooperative businesses	0	20,000	2027			
No. of cooperatives promoted, sensitized, and supported for the acquisition of movable and immovable assets	0	148	2027			