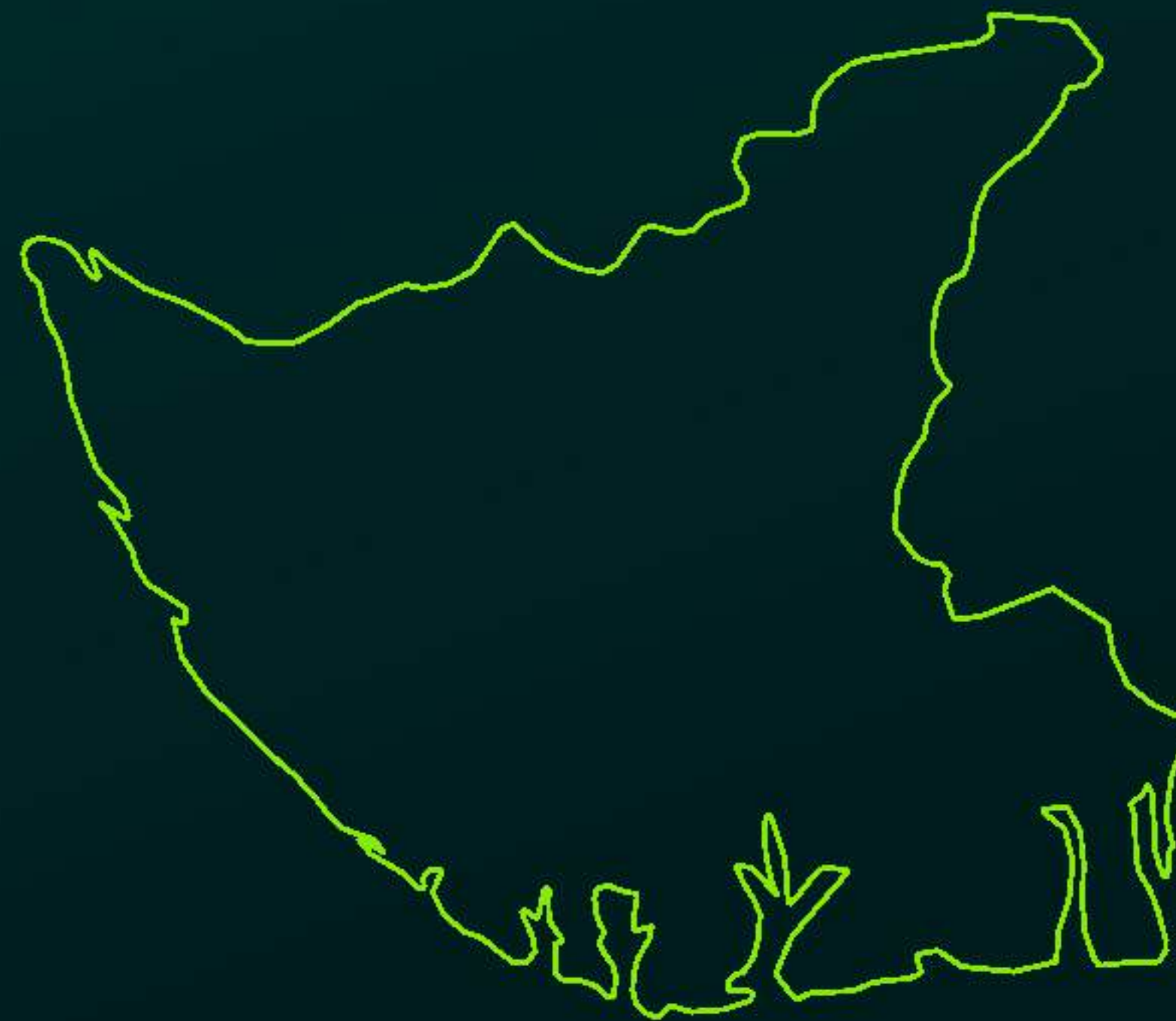


Bayelsa Agriculture Prosperity Plan

2024 – 2029

Towards sustainable food production, security
and economic prosperity of Bayelsa State





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Executive Summary

Agriculture have been identified as one of the critical sectors that have the potential of promoting economic growth, youth employment, empowerment and food security in Bayelsa State, as well as in the country. Agricultural development is thus critical to economic transformation – amidst growing challenges confronting food systems in Nigeria and around the world. Investment and development of agri-food systems in every State and region has become increasingly important. Food security is connected to economic prosperity, stability, security and development. Thus the focal point of the Bayelsa Agriculture Prosperity Plan is increased food production, reducing the cost of food, alleviating poverty and delivering 100% food and nutrition security, with the view that every Bayelsan have access to affordable and nutritious food.

Bayelsa State may not be renowned for its prowess in Agriculture and food production in Nigeria, but the State is richly endowed with enormous potentials to be a centre for Agriculture and food production in Nigeria and the world. Bayelsa is an agrarian community evident in the enormous agrarian endowments and energetic/innovative farming populace. While Bayelsa is one of the major oil producing states in Nigeria, more than 70% of the people depend on one form of agricultural activity or the other. Therefore, enabling sustainable agricultural production is salient to the economic growth of Bayelsa State.



For the Bayelsa State Government, food and nutrition security is a mandate, and all stakeholders must be at the centre of this mandate, working together to create a healthy population and an economy resilient to the risks that threaten the welfare and livelihoods of many Bayelsans, through inadequate agricultural productivity, pests, disease, and global price shocks.

The Bayelsa Agriculture Prosperity Plan (BAPP) is hereby formulated to transform Bayelsa's agricultural sector and make it a Food Hub and Powerhouse in Nigeria.

The Strategy is to create an enabling environment for food production, processing, and availability through innovative solutions driven by the belief that sustainable food production requires a vibrant, commercial and modern agricultural sector that supports the State's economic development sustainably. This can also be achieved by strengthening existing State assets, partnerships and promotion of policies that will positively impact the agricultural sector in Bayelsa State.

The BAPP has three (3) Flagships (Sustainable Primary Production - SPP, Value Chain Optimization - VOC and Supply Chain Management - SCM), 25-anchor programmes with different programmes embedded in them and Enablers clustered into 5 major categories to drive Bayelsa's 5-year agricultural transformation.

Sen. Douye Diri

Executive Governor, Bayelsa State



Major Target Milestones



1 million tonnes of rice production per year



Attain 100% processing of locally produced rice in Bayelsa



10,000 metric tons of Tilapia Fish per year and export of Bayelsa Tilapia Fish



Development of agro processing zone (cassava, plantain, sugar cane, palm oil, and others) through private sector and development partners processing agro raw materials

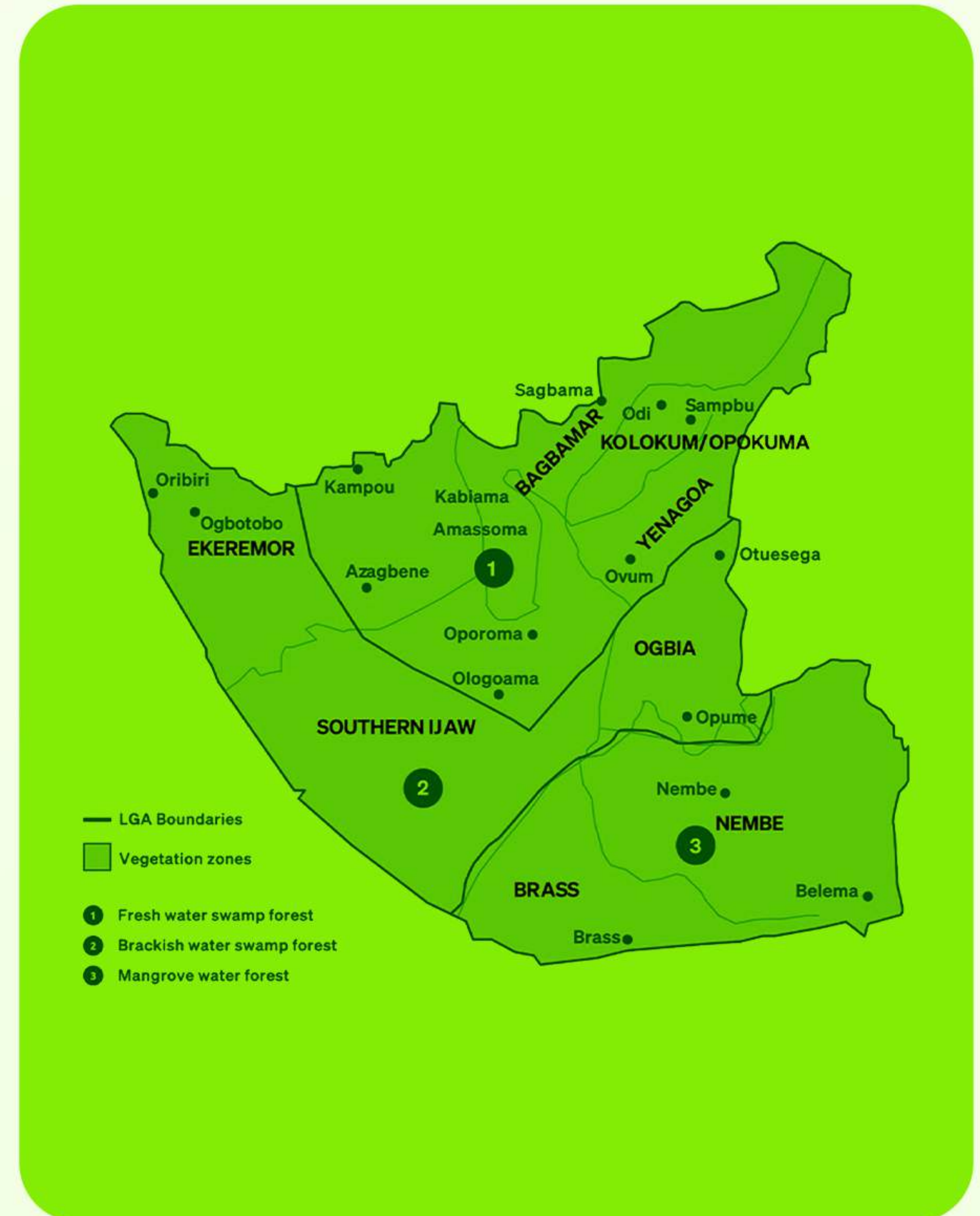


Climate Smart Agriculture: Development 2,000 Green Houses across Bayelsa to increase yield and overcome climate risks.

Overview of Bayelsa State

Bayelsa State's agricultural base is extensively rich with comparative advantage for: aquaculture and fisheries, oil palm, cassava, rice, plantain, banana, yam, coco yam, coconut, sugar cane, sweet potato, pineapple, rubber, cocoa, maize, raffia palm, Africa mango, bamboo, timber, varieties of vegetables, water hyacinth processing and other marine-derived agricultural privileges which are yet untapped. Bayelsa State occupies the Southern part of Nigeria, making it very strategic in a number of ways. It has the largest wetlands suitable for rice farming, and also has the longest coastline in the West African sub-region making the State a major tourists destination.

Bayelsa State is situated within the hot and humid tropical rain forest Zone in the Niger Delta region of Southern Nigeria and lies within latitude 5°N and longitude 6°S. Created 1st October, 1996 from the old Rivers State, it bounded to the east by Rivers State, to the west by Delta State across the Niger River for 17km and the Forçados River for 198 km, and the beautiful waters of the Atlantic Ocean dominating its southern borders. It has a total area of 10,773 square kilometres (4,159 sq mi). The state comprises eight local government areas: Ekeremor, Kolokuma / Opokuma, Yenagoa, Nembe, Ogbia, Sagbama, Brass and Southern Ijaw.



Climate



Bayelsa State has a tropical monsoon climate with yearly ambient temperature of 28.64 °C (83.55 °F) and it is -0.82% lower than Nigeria's averages. The state typically receives about 241.52 millimeters (9.51 inches) of precipitation and has 296.16 rainy days (81.14% of the time) annually, and with an average humidity of 82% and a UV-index of 6.

Bayelsa State has mostly received the effects of climate change due to environmental degradation and high levels of carbon emissions especially from high levels of crude oil exploration and exploitation in the State.

Ministry of Agriculture and Natural Resources: Project Facilities

S/N	ENTERPRISE	PROJECT	HECTARES	LOCATION
1	RICE FIELDS	Otuasega Farm	30	Otuasega
		School-To-Land Authority	10	Edepie
		Amassoma Old Airport	100	Amassoma
2	Other Rice Fields	Isampou Farms (NDBDA)	4,500	Isampou
		Peremabiri Farms (NDBDA)	2,500	Peremabiri
		Abobiri Farms (Eastern Nigeria)	133	Abobiri
3	Partnership	Nigerian Air Force (NAF)	8	Off AIT Road
		Niger Delta University	50	Amassoma
		Lamour Farms	10	Otuasega
		Senator Paulker's Farms	6	Imiringi road
	FACILITIES			
4	RICE	Federal University Rice Mill 3TPD		Otuoke
		Niger Delta University Rice Mill 3TPD		Amassoma
		Korokorosei Rice Mill 3TPD		Korokorosei
		Ofon Rice Mill 3TPD		Ofon
5	Cassava	Ebedebiri Starch factory 60TPD	250	Ebedebiri
6	Oil Palm	Bayelsa Palm Limited	1,212	Elebele

Ministry of Agriculture and Natural Resources: Project Facilities

7	Fish	Bayels Aquaculture Village	127	Yenegwe/Akenfa /Igbogene
		Bayels Aquaculture Village	250	Igeibiri/Obololi
		UltraModern Fish Farm	24	Obogoro
		UltraModern Fish Farm	8	Angalabiri
		Cold room 50 Tons		Swali Market
		Cold room		Brass
		Cold room		Ogbia Town
		Neighbourhood Aquaculture Park	2	Okaka
8	Poultry	Ultramodern Poultry Farm		Ebedebiri
		Modern Poultry and Piggery Complex		Sch-To-Land, Edepie

Methodology

To develop an evidence based document that reflects solutions that are relevant to addressing local challenges faced in Bayelsa Agriculture Sector, an inclusive data collection methodology was used. This includes but not limited to engagements with actors across the agriculture value chain in Bayelsa, they include: Federal Ministry of Agriculture and Rural Development (Bayelsa State Office), Bayelsa State Ministry of Agriculture and Natural Resources, Supervisors of Agriculture across the 8 Local Government Areas and other relevant Government stakeholders, Farmers Cooperatives and Associations (crop and livestock), Agro-Allied Industries, Agricultural Market Stakeholders, Private Sector and Financial Institutions. We engaged with the following stakeholders:

The Honourable
Commissioner, Permanent
Secretary and Directors of
Bayelsa State Ministry of
Agriculture and Natural
Resources.

Heads of Departments at
the Federal Ministry of
Agriculture and Rural
Development (Bayelsa
State Office)

Local Government Supervisors/ HODs of Agriculture 8
LGAs including;

- i. Brass LGA
- ii. Ekeremor LGA
- iii. Nembe LGA
- iv. Ogbia LGA
- v. Kolokuma Opokuma LGA
- vi. Sagbama LGA
- vii. Southern Ijaw LGA
- viii. Yenagoa LGA

This engagement with these key stakeholders is aimed at:



FMARD:

Getting information on thematic areas and programmes of the Federal that align with interests of Bayelsa State Government.



Bayelsa Ministry of Agriculture:

To assess existing policies, frameworks and programmes and align with current and future developments.



Local Government Areas Supervisors to ascertain the comparative advantages of each Local Government Area and connect these with opportunities for growth through programmes.



Agro-Allied and Private Sector:

To understand their activities, challenges and operational demands on what makes for an enabling environment in Bayelsa.



Farmers' Associations and Cooperatives:

To assess their historical activities, challenges and possible solutions in order to improve their income and productivity.



Financial Institutions and Development Partner:

To identify funding and development interests that can be harnessed for Bayelsa.

Farmers Cooperatives and Associations:

- i. Poultry Association of Nigeria, Bayelsa State Chapter
- ii. All Farmers Association of Nigeria, Bayelsa State Chapter
- iii. Bayelsa Fish Farmers Association
- iv. Meyetti Allah Cattle Breeders Bayelsa Branch
- v. Various Cooperatives in 8 LGAs

State Agricultural Projects:

- i. Ebedebiri Starch Factory Project
- ii. Bayelsa Palm Plantation
- iii. Bayelsa Rice Field
- iv. Bayelsa Rubber Project

Private Sector, Financial Institutions and International Organizations:

- i. Zal Nigeria Limited
- ii. Bimmo Integrated Farms Limited
- iii. Ayibatonye Agricultural Integrated Services
- iv. Bayelsa Women Multi-purpose Cooperative Society Ltd
- v. Olam
- vi. Sterling Bank
- vii. Central Bank of Nigeria
- viii. Leadway Assurance
- ix. First Bank of Nigeria
- x. Zenith Bank of Nigeria
- xi. African Development Bank
- xii. Food and Agriculture Organization of the United Nations

Stakeholder Hearings

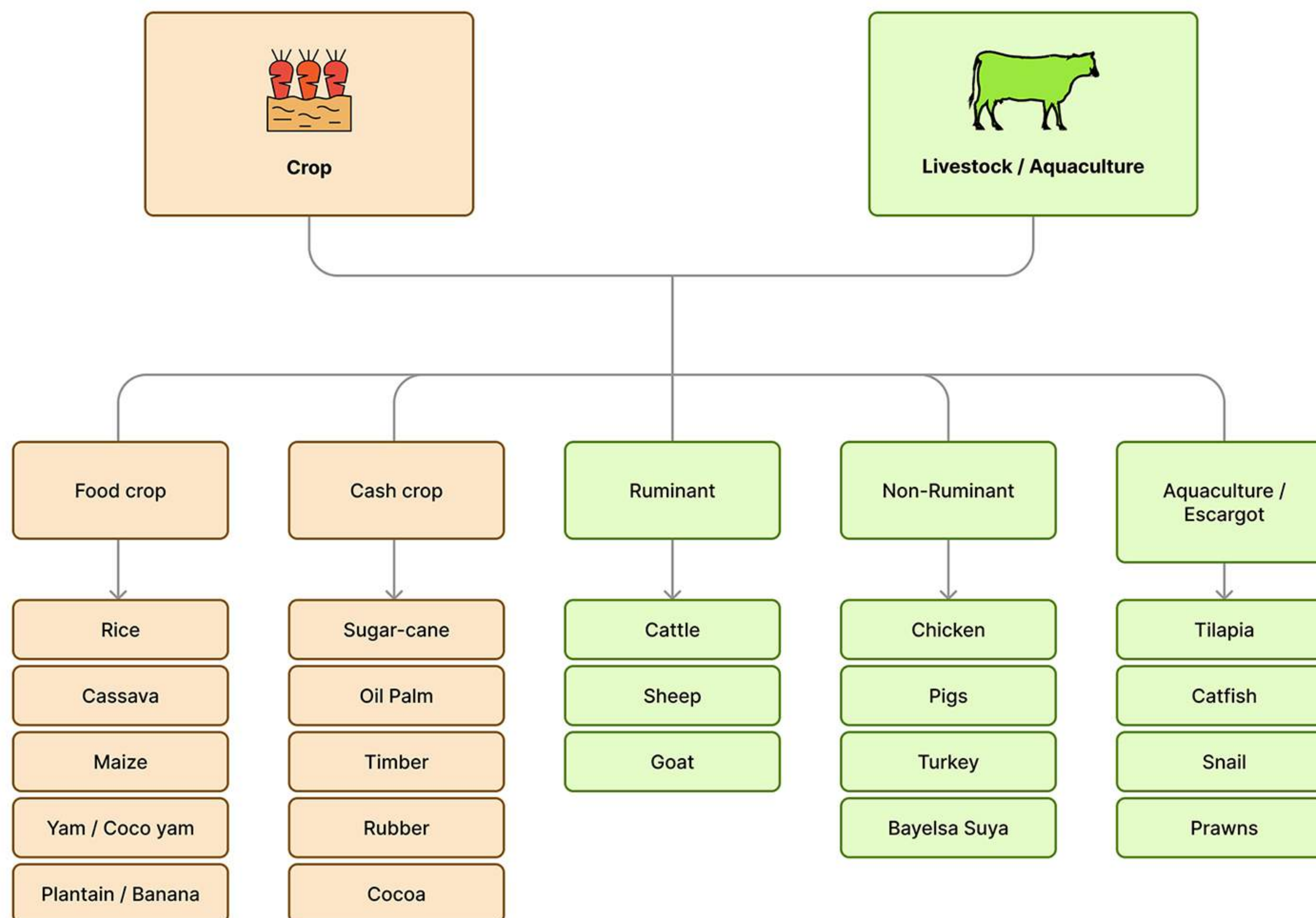
We conducted five (5) stakeholder hearings/engagements to present this auspicious plan and receive feedback for improvement. The goal is to have aligned interests among all stakeholders.

Some of the gaps discovered include but not limited to:

- Inadequate infrastructures, majorly rural roads and water ways, and storage facilities.
- Inadequate coherent data
- Lack of sustainable approach to implementation of interventions and programmes
- Inadequate funding
- Challenging supply chain systems which have limited farmers and food distribution.
- Poor market structure and enormous post-harvest loss
- Standardization of product and access to market

Overall, the outcome of these engagements form the foundation for this Plan. The Flagships and Programmes are carefully designed to address these gaps and set Bayelsa Agriculture on the path of prosperity and growth.

Priority Agricultural Product Chart



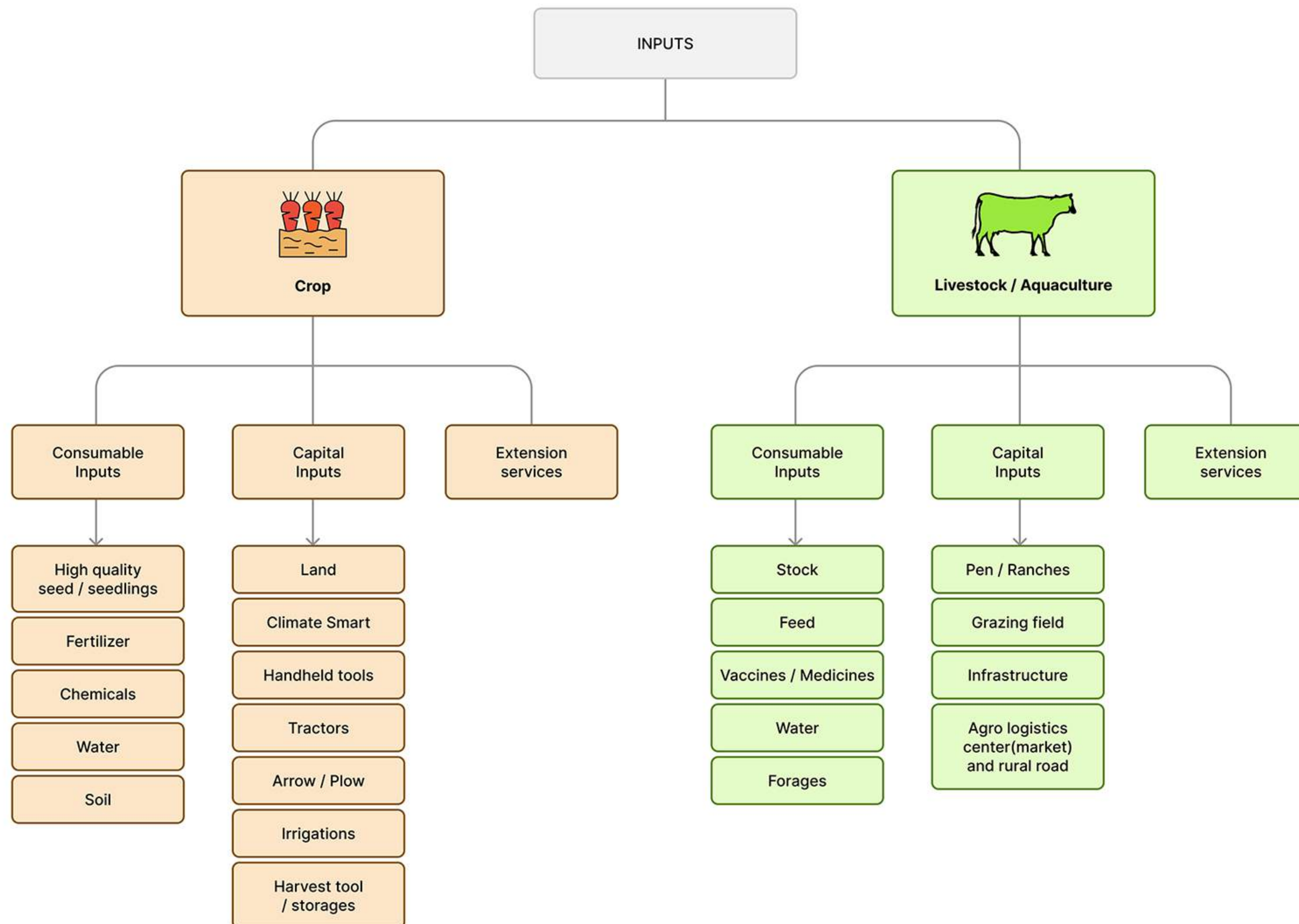


Sustainable Primary Production – SPP

Increase productivity of smallholder crop farmers and livestock farmers with the goal of transending from small scale production into commercial productivity within the next 5 years through clusterization, scaling and increased capacity. The goal of this flagship is to scale primary production for food crops, cash crops and livestock in Bayelsa State by 500% by implementing different programmes within the framework of this flagship to address challenges limiting increased productivity in the primary production. The flagship addresses increased yield, optimum use of land and water resources through smart agriculture and innovation, limited access to affordable, high-quality inputs, mechanisation and new technologies such as improved seed, irrigation, artificial insemination, post harvest loss, farmers clustering initiatives, access to finance and capacity building opportunities for farmers across Bayelsa State.



Flagship Components



Transformation approach

To increase small-scale farmer incomes, this flagship will:

1

Focus on 1 million farmers working on 15 various priority food and cash crops and 5 priority livestock that have existing high demand.

2

Develop and enable 10,000 farmer-facing SMEs to provide more farmers with better access to affordable, appropriate inputs, irrigation equipment, improved post-harvest handling and aggregation, and access to markets.

3

Support SMEs and farmer associations that provide the 1 million farmers with business expansion, management training, access to finance, sustainable value chain development, and other skills intrinsic to results-oriented business accelerators, i.e., for-profit and not-for-profit companies that select, train, mentor, scale youth-led SMEs.

4

Monitor the impact that accelerators and SMEs deliver to farmers to keep them produce commodities that present the best opportunities to increase incomes and provide food and nutrition security.

5

Ensure minimum participation of 33% women and 30% youth in SMEs benefitting from this Flagship.



INPUT SUFFICIENCY PROGRAMME

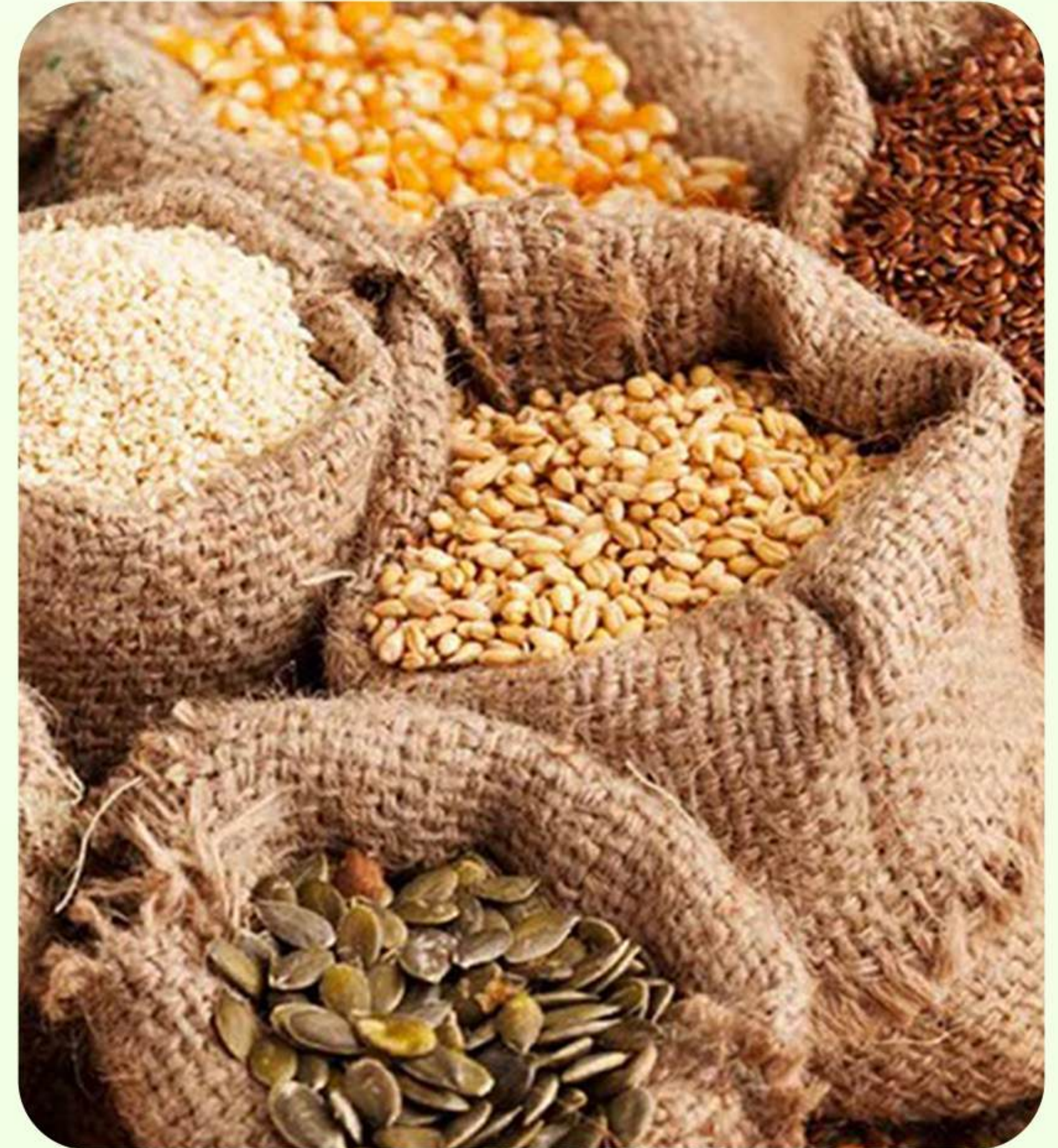
Overview

Inputs regulations, quality and management are optimal instruments for boosting food sufficiency. Recognizing that easy access to quality and affordable input is primal, the aim of the programme is to put Bayelsa on the pathway to attain food sufficiency by 2030. through greater access to agricultural inputs and equipment. Agricultural inputs such as seed, fertilizer, land, water, chemical or bio-pesticides, vaccine, forages, complement the natural processes supporting plant growth.



Bayelsa Seed Population Initiative

This initiative is designed to populate seeds locally with the purpose of making seeds available to Bayelsa Farmers in good quality, affordable and timely. Seeds that are adaptable to local factors.



Key themes

Quality, Adaptability, Affordability, Timeliness and Training

Enablers

- The Government of Bayelsa
- The Federal Government
- Research Institutes
- Farmers Association/Corporative
- Finance Institutions
- Logistics Partners/Market Actors

Priority Domains



Rice



Plantain / Banana



Cassava



Vegetables



Oil Palm

Implementation approach



Development of State seed policy and regulatory framework in line with existing national seed frameworks.



Establishment of local seed/seedling population centres in partnership with Research Institutes.



Bayelsa seed promotion/economy: to promote seed entrepreneurship and sales to other states.

Priority

(5 star)





BAYELSA IMPROVED YIELD PROGRAMME

Overview

The programme aims to increase output of primary production in Bayelsa, by increasing irrigated areas, introduce improved practices, and yields to help reduce rural poverty. Improving the availability of land and crop friendly water resources will also increase the resilience of these populations to the effects of climate change.

Programme Components

- Soil and Water Management:**
Improvement of water resources for efficiency by crops and in cropping-livestock systems, and to protect soil and water resources for sustainable food production.
- Fertilizer Support:**
Organic and inorganic fertilizer development and supply to farmers through cross connectivity.
- Extension Service Support:**
Development of support systems for crop and livestock farmers to improve productivity and yield.

Key themes

Scale, Quality, Affordability, Connectivity

Enablers

- The Government of Bayelsa
- The Federal Government
- Research Institutes
- Development Partners
- Farmers Association/Corporative
- Finance Institutions
- Logistics Partners/Market Actors

Priority Domains



Farm water
systems mapping
and channelling



Irrigation
development



Organic fertilizer
collection and
blending



Input
Distribution



Extension
Management

Implementation approach



Analytic mapping of Bayelsa water bodies and design connectivity of water bodies for farmland irrigation across the State.



Development of organic fertilizer composting sites for collection and blending of organic fertilizer for local and regional use.



Clusterization of farmers for input support and extension services across the State.

Priority

(5 star)





SUSTAINABLE MECHANIZATION PROGRAMME

Overview

Mechanization is a crucial input for agricultural crop production. Increasing levels of mechanization covers deployment of handheld tools, domesticated farm tools and large scale agro-machinery tools. The programme is developed to offer customize solutions to needs of Bayelsa farmers to choose the most appropriate power source for any operation depending on the work to be done and on who is performing it. The level of mechanization would meet their needs effectively and efficiently.

Through sustainable mechanization, Bayelsa farmers will:

- Increase land productivity by facilitating timeliness and quality of cultivation;
- Relieve the burden of labour shortages and enable households to withstand shocks better;
- Decrease the environmental footprint of agriculture when combined with adequate conservation agriculture practices; and
- Reduce poverty and achieve food security while improving people's livelihoods.

Key themes

Adaptability, Affordability, Efficiency, Sustainability, Speed.

Enablers

- The Government of Bayelsa
- Engineering Firms
- Financial Institutions
- Farmers Association/Cooperatives
- Development Partners

Priority Domains



Handheld tools



Commercial tools



Innovative tools

Implementation approach



Conduct research-based mechanization needs of farmers to design and deploy the right machinery solutions to Bayelsa farmers.



Set up local machinery development and assembling plants to develop and deploy local machineries to farmers.



Partner with global machinery companies for deployment of large-scale agro machineries to Bayelsa farming communities.

Priority

(5 star)



FARM BLOCK DEVELOPMENT PROGRAMME

Overview

The farm block development earmarks land in collaboration with traditional leaders, farmers group and private sector for purposes of promoting cluster farming and commercial agriculture using both traditional and climate smart farming systems. These farm blocks will accelerate agricultural growth, value addition and generation of much needed food security of Bayelsa and benefit of surrounding communities and the country. This will cover both crop and livestock production.



Key themes

Cluster, Land Ownership, Climate, Partnership, Shared Risk, Shared Prosperity

Enablers

- The Government of Bayelsa
- Traditional Rulers
- Farmers Association/Cooperatives
- Financial Institutions
- Agri-Food Company
- Development Partners

Priority Domains



Vegetable
Production



Green House
Development



Rice Clusters



Cassava Clusters

Implementation approach



Development of Green House Estate:

Development of Green House Estate across various senatorial districts of Bayelsa as climate smart agriculture to ensure all year-round food production and involvement of youth in agriculture.



Development of Livestock Cluster:

Development of livestock clusters across the Local Government Areas of Bayelsa State. This includes fish farm clusters, poultry clusters, escargot clusters and ruminant clusters.



Outgrower Cluster:

Setting up of outgrower schemes across the Local Government Areas of Bayelsa to focus on priority crops. The clusters will be set up and connected to off takers for market guarantees.

Priority

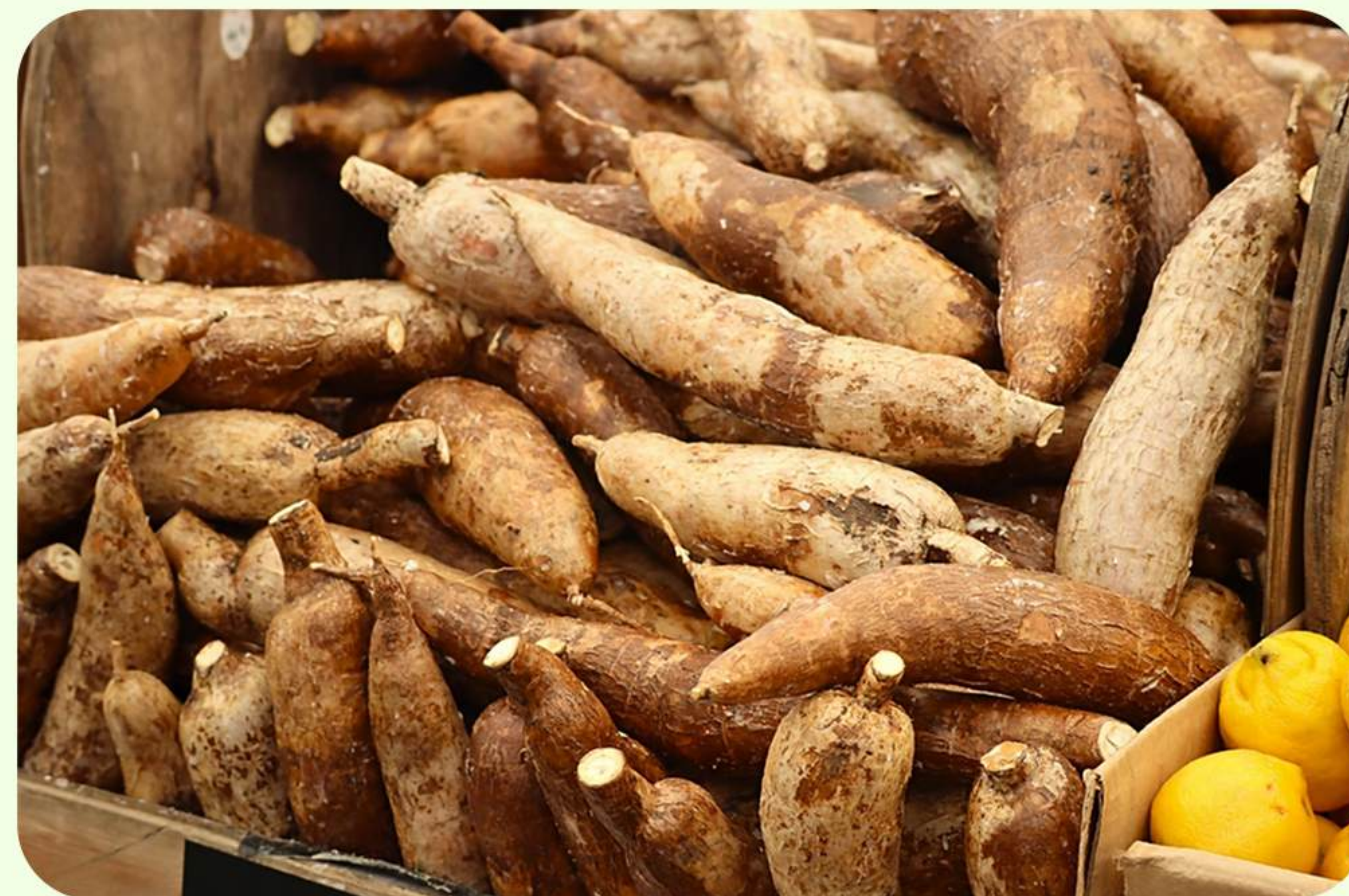
(5 star)



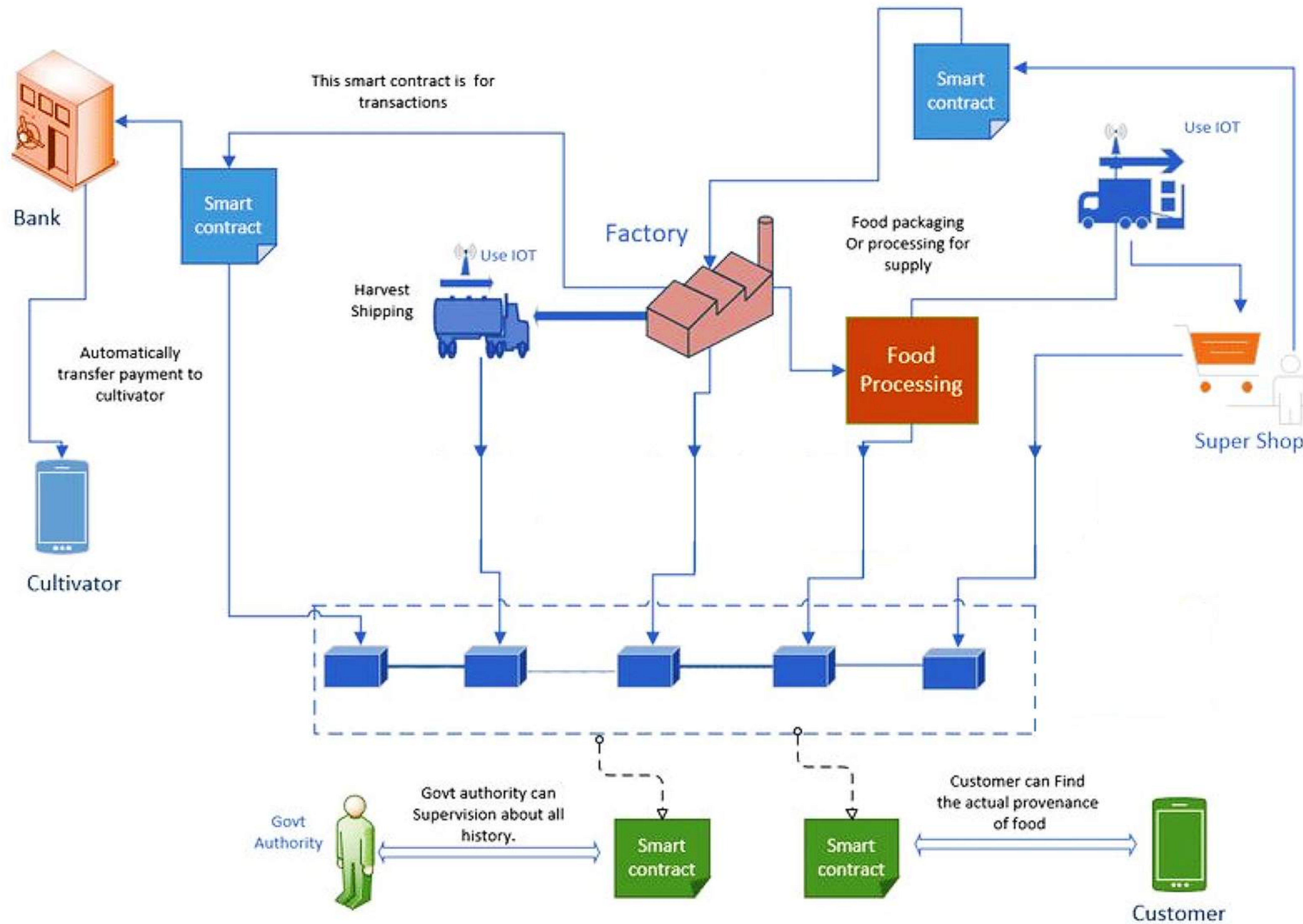


Value Chain Optimization-VOC

Turning Bayelsa State into a processing hub where value is added to agri-food raw materials to ensure increased income for farmers, job creation within our local communities, eradication of post harvest loss, affordability and availability of food to Bayelsans. With water resources, road connectivity, and availability of raw materials, Bayelsa State has an inherent and enormous opportunity to expand into a variety of agro-processing and value-addition activities. Through programmes developed within the framework of this Flagship, Bayelsa state will be able to key into compelling national and international opportunities from development partners, private sector and non-government actors. This flagship and its programmes will increase job creation in Bayelsa State, increased income for farmers and economic development through cross connection with other sectors in the State.



Flagship Components



Transformation approach

This flagship will:

1

Focus on agro-industrialization in Bayelsa State at small, medium and large scale focusing on priority crops and livestock to meet local, national and international market demands.

2

Develop and enable processing zones to inspire SMEs in value addition and provide processors with enabling environment and structural support to process and access agri-food market across the country and beyond from Bayelsa State.

3

Address growing concern of post harvest loss by ending post-harvest loss through market creation for farmers in agro-processing. This will also increase household income in rural areas across Bayelsa State.

4

Ensure minimum employment creation of 33% women and 30% youth in agro-processing from this Flagship.



VALUE CHAIN OPTIMIZATION

Overview

Value chain development is important for creating wealth for farmers, ensuring food security, reducing food waste to the barest minimum and create jobs for youths and women across Bayelsa. The value chain development will be characterized by vertical coordination, consolidation of the supply base, agro-industrial processing and use of standards optimization throughout the food chain in Bayelsa. This is fundamental to building efficient, resilient, inclusive, and sustainable food systems. This value chain development will create opportunities for rural people to establish businesses that meet local needs and produce diverse nutritious food in Bayelsa.



Bayelsa Food Processing Hubs

This programme is designed to host centrally located food processing facility with a business management structure facilitating the aggregation, storage, processing and dispatch of processed products to the market. These hubs will be established at small, medium and large scale to accommodate agri-food companies development at all levels in Bayelsa.



Key themes

Adaptability, Inclusion, Development, Acceleration

Enablers

- The Government of Bayelsa State
- Development Partners
- Financial Institutions
- Private Sector Partners
- Farmers Association/Cooperatives
- Research Institutes
- Standard Partners

Priority Domains



Operational support



Market expansion



Technical and
business development
assistance



Networking and
community building



Financial support
and sustainability

Implementation approach

1

Food Incubation Hubs:

Development of Food Incubation Hubs for incubation, scaling and acceleration of small scale agri-food enterprise led by youth and women in Bayelsa State. The Food Incubation Hubs will provide business development support for agri-food entrepreneurs, facilities to commence processing at small scale and access to market.

2

Agro Processing/Industrial Zones:

The development of Agro-Processing Zones in various Senatorial Districts of Bayelsa includes creating designated zones where agribusinesses can operate efficiently, benefiting from infrastructure, services, and policy support from the Bayelsa State Government. These processing zones will be designated for medium and large scale agri-food processing companies in Bayelsa.

3

Agro-Standardization Laboratory:

The establishment of a world class Agro-Standardization Laboratory for Bayelsa state agri-food processors in partnership with local and global standard partners to provide standardization support for Bayelsa food producers.

Priority

(5 star)



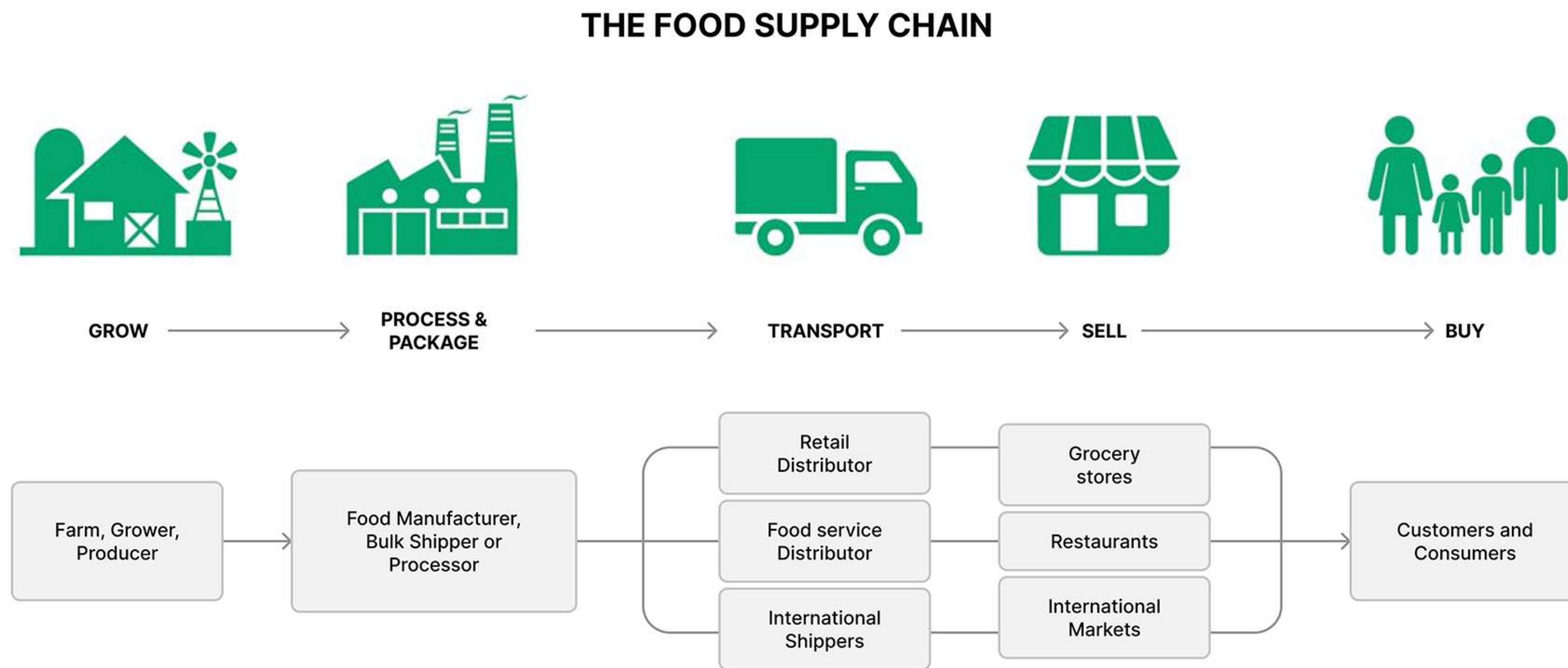


Supply Chain Management – (SCM)

Supply chain is the lifeline of agribusiness value chain as it connects farmers/processors and consumers in the operational vertical. Efficient supply chain is important to agricultural transformation. It reduces direct and indirect cost, manage storage and end post harvest losses. It also enhances improvement of inventory management, thereby improving income of farmers and creating jobs in Bayelsa State. Development of the agri-food supply chain is thus critical within the framework of the State's infrastructure.



Flagship Components



Transformation approach

This flagship will:

1

Focus on developing and re-organising agri-food supply chain in Bayelsa State through investments in logistics infrastructures, market systems and end to end supply chain management.

2

Develop partnership with local and global supply chain actors to address gaps within Agri-Food Supply Chain in Bayelsa State, creating linkages and access to market for Bayelsa State produced agri-food products.

3

Derisk market and supply chain barriers hindering Bayelsa State farmers and processors from reaching market thereby motivating strong interest of development partners and private sector partners to invest in Bayelsa State.

4

Ensure local inclusion in the supply chain process to create jobs, income for Bayelsans within agri-food value chain and revenue for the State Government.



SUPPLY CHAIN MANAGEMENT

Overview

Food distribution is an important component to delivering food security in Bayelsa. The supply chain covers transporters, transportation related infrastructures, warehouses, market structures and post harvest loss management. Efficient supply chain management will strengthen the producer – consumer relationship in Bayelsa, reduce post harvest losses and enhance access to food across Bayelsa and the region, as Bayelsa becomes a food powerhouse.



Market Systems Optimization

This includes upgrade and re-organisation of existing food markets across Bayelsa to ensure they conform with national and global food standardization indicators. These markets will boost food safety, accessibility, affordability and revenue generation for the government and people of Bayelsa.



Key themes

Safety, Accessibility, Affordability, Organisation

Enablers

- The Government of Bayelsa State
- Development Partners
- Financial Institutions
- Private Sector Partners
- Farmers Association/Cooperatives
- Logistics Partners

Priority Domains



Operational support



Market expansion



Technical and
business development
assistance



Networking and
community building

Implementation approach



Priority _____ (5 star) ★★★★★

CROSS CUTTING PROGRAMMES

CAPACITY BUILDING/TRAININGS FOR AGRI-FOOD ENTREPRENEURS

Overview

With average of a farmer staggering between 55 – 60 years, this programme is designed to raise the next generation of agrifood entrepreneurs in Bayelsa by equipping them with the right skills, knowledge and network needed to succeed in their agribusiness enterprise. This programme helps strengthen the agricultural sector by developing and upscaling local expertise, encouraging involvement of young people in agrifood and promoting responsible practices.



Priority Domains



Agriculture Technology
and Innovation



Access to Finance



Access to Market



Food Safety and
Standardization

Enablers

- The Government of Bayelsa
- Training and Research Partners
- Private Sector
- Financial Institutions
- Development Partners

Market Systems Optimization

This includes upgrade and re-organisation of existing food markets across Bayelsa to ensure they conform with national and global food standardization indicators. These markets will boost food safety, accessibility, affordability and revenue generation for the government and people of Bayelsa.



Implementation approach

1

Training Data Bank:

A training data bank will be created to collect data of Bayelsa youths interested in agri-food value chain and indentify their priority interests in order to design concrete training plans.

2

Training Schedule:

A quarterly training schedule will be designed covering different priority domains. The training shall draw participants across the various local government of Bayelsa state.

3

Training Partnership:

The Government of Bayelsa through the Ministry of Agriculture will identify relevant training partners locally and beyond, structure partnership with them for deployment of training to Bayelsa youths.

Priority

(5 star)





FINANCE

Overview

Finance is an important tool of agricultural development; it empowers farmers to increase their production and facilitates the development of food value chains. Financial services, funding short and long-term projects, financing infrastructure development, funding green investments to support sustainable agriculture and agri-food value chains, and funding of supply chain are important focus of agricultural funding in Bayelsa State.

Finance Priority Domains

- Financial Inclusion
- Farm Infrastructure Funding
- Funding Primary Production
- Value Chain Financing

Enablers

- The Government of Bayelsa
- Private Sector
- Financial Institutions
- Development Partners

Implementation approach

1 Financial Inclusion for Farmers:
Onboarding of farmers into financial services to position them for financial opportunities such as loans, grants among others. This will be implemented with a financial institution or development partner or with both.

2 Improved Budgetary Allocation:
Increase of agricultural funding by the Government of Bayelsa to minimum of 10% of annual State budget in accordance with the provision of the Malabo Agreement.

3 Development Funding: Harnessing development funds with local and foreign development partners working in agriculture value chain. This funding may come as grant, counterpart funding or impact investment.

4 Loan Funding:
Direct loan funding from financial institutions or government agencies at local and global levels for funding of agricultural programmes in Bayelsa.

5 Private Sector Investment:
Harnessing private sector investment through partnerships, direct investment into specific areas of the value chain and investment facilitation in Bayelsa Agriculture value chain.

6 Insurance:
Development of Bayelsa Agriculture Insurance Service in partnership with development partners and private sector actors to provide insurance services for Bayelsa Farmers.

Priority

(5 star)



Enabling Infrastructures

Poor infrastructure can lead to high transaction costs in accessing production items and inputs, and reaching output markets, thus reducing incentives to invest in technology, including agricultural automation, factories, incubation and other investment required for food security. Investment in infrastructure is important in creating enabling environment for farmers, agri-food companies and supply chain partners to thrive. In the case of Bayelsa, this includes investment in power supply with more focus on rural electrification and agro-industrialization; development of rural roads, development of water ways, opening of new farming blocks among others.



Priority Domains



Electrification



Road Development



Water Ways Development



Land Development

Enablers

- The Government of Bayelsa
- The Federal Government
- Private Sector
- Development Partners

Implementation approach

1

Mapping of Infrastructure Gaps:

Developing an infrastructural demand map detailing infrastructural gaps and requirement in Bayelsa State in relation to agricultural development.

2

Infrastructural Development Incentives:

Development of incentives such as tax holidays, long term land equity for projects among others in exchange for specific infrastructural development.

Major Expected Outcomes

Food Sufficiency:

Increased food production in Bayelsa State that will result in food sufficiency in Bayelsa State and position Bayelsa State to feed other States in the country and the international market.

Revenue Generation:

Increased revenue generation for Bayelsa State through taxes and investment inflow into the State agriculture sector.

Employment Creation:

Job creation for youth, women and rural/urban dwellers across Bayelsa State thereby reducing unemployment rate in the State to the barest minimum.

Rural Development:

Development of rural ecosystem across Bayelsa State through agriculture. This will lead to improvement of living standard in rural areas as enabling infrastructures are installed.

Development Journey Assessment / Monitoring and Evaluation:

Accountability for all flagship KPIs to provide a real-world context (the “field”) in? The Government of Bayelsa can monitor the progress of various flagships and the programmes that will be embedded in them on a quarterly basis, review learning experiences and apply them for onward development. The M and E system for this prosperity plans convey roles and responsibilities of each stakeholders at broad level of flagship and at detailed level of each programme, key measurement indicators against expected outcomes Year on Year.

Enablers

Features	Government	Private Sector	Development Partners	Agri-Food Stakeholders	Local, Regional and Global Frameworks
Definitions	<p>Within the framework of this Bayelsa Agriculture Prosperity Plan, Government as “Enabler” refers to:</p> <ul style="list-style-type: none"> -Bayelsa State Government (The Executive, Legislative and Judiciary Arms). -Federal Government of Nigeria (The Executive, Legislative and Judiciary Arms). -Foreign Governments (Embassies/ Diplomatic Community, Global Frameworks and Government backed Organisations). -State owned enterprises (Local, National and International Level) 	<p>Within the framework of this Agriculture Prosperity Plan, Private Sector as “Enabler” refers to:</p> <ul style="list-style-type: none"> -Non-State Owned Financial Institutions -Non-State Investors -Non-State Legal Actors -Non-State Business and Trade Associations -Cross-cutting stakeholders with essential roles in Agriculture 	<p>Within the framework of this Agriculture Prosperity Plan, Development Partners as “Enabler” refers to:</p> <ul style="list-style-type: none"> International Organizations such as UN Agencies working in Agriculture and related fields Multilateral Institutions working in Agriculture and related fields Non-Governmental Organisations working in Agriculture and related fields. Research Institutions working in Agriculture and related fields 	<p>Within the framework of this Agriculture Prosperity Plan, Farmers as “Enabler” refers to:</p> <ul style="list-style-type: none"> Farmers (both commercial, medium and small scale)- individually or in cooperatives Agriculture SMEs Agro-processors Agro-input companies and SMEs Agriculture related associations Agriculture logistics partners Food Market Stakeholders Local farmers 	<p>Within the framework of this Agriculture Prosperity Plan, Local, Regional and Global Frameworks as “Enabler” refers to:</p> <ul style="list-style-type: none"> Various programmes, initiatives, interventions, fundings, treaties etc for the agricultural sector developed or enacted by national/international governments, development partners, regional/ global partners among others to achieve targetted goals in Agriculture. Some of these initiatives include but not limited to: Sustainable Development Goals of the United Nations which are strongly promoted and supported by Food and Agriculture Organization of United Nations, International Labour Organisation etc. African Union Malabo Declaration on Accelerated Agricultural Growth and Transformation for Shared Prosperity and Improved Livelihood. World Bank’s Livestock Productivity and Resilience Project (L-PRES) funded up to 393 million USD, a 6 Year Project with Development Objective (PDO) to improve livestock productivity, resilience and commercialization of selected value chains and to strengthen the country's capacity to respond to an eligible crisis or emergency. African Development Bank Enable Youths Programme International Fund for Agricultural Development (IFAD) “Youth Agrihub” project which trains and fund youth in agriculture, implemented at country level with International Institute of Tropical Agriculture, IITA.

Enablers

Features	Government	Private Sector	Development Partners	Agri-Food Stakeholders	Local, Regional and Global Frameworks
Roles	<p>Create policies, programmes, roadmaps and frameworks for agriculture development in the State.</p> <p>Mobilize local and international partners to agriculture sector in Bayelsa.</p> <p>Create enabling environment through cross-sectoral engagement and infrastructural development to create an investment-friendly ecosystem for farmers and agri-food partners.</p> <p>Create budgetary allocation for Agricultural Development</p>	<p>Develop new innovations that address challenges in the agriculture sector.</p> <p>Finance agricultural projects and infrastructure</p> <p>Contribute to State revenue generation through taxes</p>	<p>Provide funding and technical support for different agricultural initiatives within the framework of their operations.</p> <p>Collaborate with the Government, private sector and agri-food stakeholders in implementing projects and programmes within the framework of their interests.</p> <p>Invest in advocacy for development of agriculture sector and protection of rights of farmers and other key stakeholders within the agriculture sector.</p>	<p>Invest and develop various agriculture ventures including farms, logistics, market systems among others.</p> <p>Collaborate with Government, Private Sector and Development Partners in accelerating agricultural development.</p>	<p>These frameworks are unique opportunity for Government to secure complimentary funding and technical assistants in developing the agriculture sector. Though project specific, they accelerate Government programmes and initiatives by providing financial and technical support towards implementation, particularly within the framework of their goals.</p>



IMPLEMENTATION FRAMEWORK

Overview

The Prosperity Plan would be implemented with key Enablers fore listed; these Enablers will play different roles. Indicators will be set to monitor the implementation and development of the Flagship and Programmes.

Implementation Structure

Each Flagship and its programmes are connected to relevant Enablers who share various responsibilities. These responsibilities connected to each Enabler for each Flagship and Programmes will serve as catalyst for initiation, development and measurement of the Plan.

Flagship	Lead	Enablers	Roles and Responsibilities	Priority
SUSTAINABLE FOOD PRODUCTION - SPP				
Bayelsa Seed Population Initiative	Bayelsa State Ministry of Agriculture and Natural Resources	<ul style="list-style-type: none"> -The Government of Bayelsa -The Federal Government of Nigeria. Research Institutes -Farmers Association/Corporative -Finance Institutions -Logistics Partners/Market Actors -Development Partners 	<ul style="list-style-type: none"> • The Government of Bayelsa provides policy framework, strategic guidance and development of the seed sector and value chain in the State. These policy and guidelines provide framework for other Enablers to operate. The State Government aligns all policy with national seed policy. • The Federal Government through the Federal Ministry of Agriculture and other national systems provide support structure for development of Bayelsa seed sector. • Financial Institutions provide required funding based on agreed terms. • Farmers Association/Corporative provide professional support/partnership within the framework of their capacity. • Research Institutes provides research support for development of this programme. • Development Partner provides relevant implementation support including capacity building, funding among others. 	5 Stars
Bayelsa Improved Yield Programme	Bayelsa State Ministry of Agriculture and Natural Resources	<ul style="list-style-type: none"> The Government of Bayelsa -The Federal Government of Nigeria. Research Institutes -Farmers Association/Corporative -Finance Institutions 	<ul style="list-style-type: none"> • The Government of Bayelsa provides policy framework, strategic guidance and development of this Programme. • The Federal Government through the Federal Ministry of Agriculture and other national 	7 Stars

		<ul style="list-style-type: none"> -Logistics Partners/Market Actors -Development Partners 	<p>systems provide support structure for development of this Programme.</p> <ul style="list-style-type: none"> • Financial Institutions provide required funding based on agreed terms. • Farmers Association/Corporative provide professional support/partnership within the framework of their capacity. • Research Institutes provides research support for development of this programme. • Development Partner provides relevant implementation support including capacity building, funding among others. 	
Sustainable Mechanization Programme	Bayelsa State Ministry of Agriculture and Natural Resources	<p>The Government of Bayelsa</p> <p>Engineering Firms</p> <p>Financial Institutions</p> <p>Farmers Association/Cooperatives</p> <p>Development Partners</p>	<ul style="list-style-type: none"> • The Government of Bayelsa provides policy framework, strategic guidance and development of this Programme. • Engineering Firms provides mechanization support within the required specification. • Financial Institutions provide required funding based on agreed terms. • Farmers Association/Corporative provide professional support/partnership within the framework of their capacity. • Development Partner provides relevant implementation support including capacity building, funding among others. 	5 Stars

Farm Block Development Programme	Bayelsa State Ministry of Agriculture and Natural Resources	The Government of Bayelsa Traditional Rulers Farmers Association/Cooperatives Financial Institutions Agri-Food Company Development Partners	<ul style="list-style-type: none"> • The Government of Bayelsa provides policy framework, strategic guidance and development of this Programme. • Traditional Rulers give support in land and customary support for the Programme. • Farmers Association/Corporate provide professional support/partnership within the framework of their capacity. • Financial Institutions provide required funding based on agreed terms. • Agri-Food Company <u>serve</u> as implementing partners who invest their expertise in the development of this Programme. • Development Partner provides relevant implementation support including capacity building, funding among others. 	5 Stars
VALUE CHAIN OPTIMIZATION				
Bayelsa Food Processing Hubs	Bayelsa Ministry of Agriculture and Natural Resources	The Government of Bayelsa State Development Partners Financial Institutions Private Sector Partners Farmers Association/Cooperatives	The Government of Bayelsa provides policy framework, strategic guidance and development of this Programme. Development Partner provides relevant implementation support including capacity building, funding among others.	5 Stars

		<p>Research Institutes</p> <p>Standard Partners</p>	<p>Financial Institutions provide required funding based on agreed terms.</p> <p>Farmers Association/Corporative provide professional support/partnership within the framework of their capacity.</p> <p>Research Institutes provides research support for development of this programme.</p> <p>Private Sector Partners Agri-Food Company serve as implementing partners who invest their expertise in the development of this Programme.</p> <p>Standard Partners provide standard related policy support for farmers and private sector partners towards the project implementation.</p>	
SUPPLY CHAIN MANAGEMENT				
Market Systems Optimization	Bayelsa Ministry of Agriculture and Natural Resources	<p>The Government of Bayelsa State</p> <p>Development Partners</p> <p>Financial Institutions</p> <p>Private Sector Partners</p> <p>Farmers Association/Cooperatives</p> <p>Logistics Partners</p>	<p>The Government of Bayelsa provides policy framework, strategic guidance and development of this Programme.</p> <p>Development Partner provides relevant implementation support including capacity building, funding among others.</p> <p>Financial Institutions provide required funding based on agreed terms.</p> <p>Farmers Association/Corporative provide professional support/partnership within the framework of their capacity.</p> <p>Private Sector Partners Agri-Food Company serve as implementing partners who invest their expertise in the development of this Programme.</p>	7 Stars

CROSS CUTTING PROGRAMMES				
Capacity Building/Trainings for Agri-Food Entrepreneurs	Bayelsa State Ministry of Agriculture and Natural Resources	The Government of Bayelsa Training and Research Partners Private Sector Financial Institutions Development Partners	<p>The Government of Bayelsa provides policy framework, strategic guidance and development of this Programme.</p> <p>Research Institutes provides research support for development of this programme.</p> <p>Development Partner provides relevant implementation support including capacity building, funding among others.</p> <p>Financial Institutions provide required funding based on agreed terms.</p> <p>Private Sector Partners Agri-Food Company serve as implementing partners who invest their expertise in the development of this Programme.</p>	7 Stars
Finance	Bayelsa State Ministry of Agriculture and Natural Resources	The Government of Bayelsa Private Sector Financial Institutions Development Partners	<p>The Government of Bayelsa provides policy framework, strategic guidance and development of this Programme.</p> <p>Financial Institutions provide required funding based on agreed terms.</p> <p>Private Sector Partners Agri-Food Company serve as implementing partners who invest their expertise in the development of this Programme.</p> <p>Development Partner provides relevant implementation support including capacity building, funding among others.</p>	5 Stars

Enabling Infrastructures	Bayelsa State Government	<p>The Government of Bayelsa</p> <p>The Federal Government</p> <p>Private Sector</p> <p>Development Partners</p>	<p>The Government of Bayelsa provides policy framework, strategic guidance and development of this Programme.</p> <p>The Federal Government provides enabling support for infrastructural development.</p> <p>Private Sector Partners Agri-Food Company serve as implementing partners who invest in infrastructure for incentives.</p> <p>Development Partner provides relevant implementation support including capacity building, funding among others.</p>	5 Stars
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Core Industries Stakeholders

Core Industries			
Input Industries	Agricultural Production industries	Value added industries	Support Industries
Seeds	Farms	Commodity processing	Financial Institutions
Chemicals	Ranches	Food manufacturing	Logistics Partners
Water	Forest Products	Food distribution	Government
Machinery	Aquaculture		Research Institutions
Feed			Equipment Supply/ Service
Energy			Industry Associations
Telecommunications			Private Sector
Nursery			Development Partners

Implementation strategy

The Bayelsa State Government through its Ministry of Agriculture, the anchor Ministry shall:

1	Appoint an implementing partner who shall work closely with the Government of Bayelsa in implementing this Prosperity Plan.
2	Develop and implement programmes within the framework of this Agricultural Prosperity Plan for the economic prosperity of Bayelsa.
3	Harmonize with relevant Ministries and Government Agencies at State and Federal levels that are relevant to implementation of programmes within each flagship.
4	Create committees and inter-ministerial teams for Programmes with crosscutting interests and roles from more than one enabling Ministry or Agency or Partner.
5	Engage Local Government in domesticating and implementing Programmes within the framework of this Prosperity Plan.
6	Continually review implementation strategy to adapt to developing macro-economic, socio, cultural, environmental or political events to deliver the best results.
7	Conduct an annual review of the implementation of this Plan to measure deliverables and improve strategy as may be required.

Enablers Framework for Implementation

