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The U.S. Government's Global Hunger & Food Security Initiative

AN OUTLOOK ON THE STATUTORY RESPONSIBILITIES OF THE MINISTRY, AND OPPORTUNITIES FOR PARTNERSHIPS TO DEVELOP THE AGRICULTURE SECTOR OF KEBBI STATE

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BACKGROUND

- VISION

Farmers/Agribusinesses enjoying optimum productivity per unit investment, critical mass in agricultural production of key food and industrial crops, meeting domestic and industrial demand attained; Kebbi State is food secured and contributing significantly to National demand; Kebbi is the investment destination for both domestic and foreign investors where agriculture is practiced as a business, quality products and services are served, people are getting more incomes and enjoying better quality life.

Mission

- ❑ Driving to precision (smart) agriculture (for efficiency, cost effectiveness, improved productivity, qualitative goods and services).
- ❑ Adoption and deployment of improved technologies, mechanization and ICT (at smallholder and large scale farmer levels).
- ❑ Institutional Strengthening (Capacity enhancements, Infrastructural development, financial inclusion and increased uptake of insurance among farmers to produce competitively).
- ❑ Promoting Value addition and Export market.
- ❑ Strengthening of linkages and Partnerships for mutual benefit.

Statutory responsibility of Ministry of Agriculture & Natural Resources

- Agricultural Policy formulation/development and implementation.
- Generation of Policy briefs to Executives.
- Facilitation of Special Agricultural Programmes, Projects and Interventions.
 - Administration of agric loans and grants in the State.
 - Assenting/Signing of Subsidiary Loan Agreement.
- Provision of technical guidance, advice, recommendations to Government on all aspects of Agric & Rural Development.
- Annual Agriculture Budgetary formulation and defense at State Legislature.

The Agricultural Environment in Kebbi State the Ministry is Addressing

- Agriculture is the mainstay of the Economy: Provider of employment, jobs, food and raw materials, sustainer of livelihood, incomes.
- Total Land Area 37, 698.67 Sqkm
- Arable Land 1.36 million hectares.
- Cultivated Land about 38%.
- Two distinct agro-climatic zones, Northern Guinea and Sudan and Savannahs.
- Two Seasons – Dry and Wet Seasons
- Rainfall range from 400mm-1100mm
- Mean Temperature 23 oC (Min. 18oC & Max 43oC)
- Soil types vary
- Open and underground water bodies.
- Rivers- Niger, Rima, Ka, Zamfara, Shalla
- Population –over 4.5 million

Implementation of the Statutory responsibilities

I. Ministry-Departments

- Agricultural Services
- Planning, Research and Statistics
- Produce and Pest Control
- Irrigation Engineering
- Irrigation Agronomy
- Mechanical Engineering
- Projects
- Finance and Supply
- Administration

Implementation of the Statutory responsibilities

2. Parastatal and Agencies

- Kebbi Agricultural and Rural Development Authority (KARDA). (Edict No.3 of 1991 which was amended by edict No. 5 of 1995.)
- Kebbi Agricultural Supply Company (KASCOM).
- International Fund for Agricultural Development- Climate Change Adaptation and Agribusiness Support Programme (IFAD-CASP).
- FADAMA- Nigeria-COVID-19 Action Recovery and Economic Stimulus (NG-CARES).
- Rural Access and Agricultural Marketing Programme (RAAMP).
- Agricultural Transformation Agenda Support Programme (ATASP-1).
- Agro-Climatic Resilience in Semi Arid Landscapes (ACReSAL).

Trend in the development of Agric Policy for Kebbi State

- Tailoring State Policy with the National Policy.
- Policy Statements by Government.
- Kebbi Agricultural Development Programme.
- Blueprint for the Development of Agric in the 19 Northern States.” (2008/2009).
- Thematic Agricultural Development Plans.
 - Rice (KATASHI & NATASHI).(2005-2008).
 - Sesame Development Programme.(2005/2006)
 - Sugarcane & Sugar Development Plan (2000).
 - Cassava Development Plan (2006)
- Report of the Agric Committee on Agric. (2011).
- “Growing Agric in Kebbi State.” (2013)
- “Draft Agriculture Policy for Kebbi State (2019).”
- Kebbi State Development Plan (KB-SDP) (2021).
- Kebbi State Industrial Policy. (2021)

Trend in the development of Agric Policy for Kebbi State- Parastatal & Agencies

- KARDA – (Edict No.3 of 1991 which was amended by edict No. 5 of 1995).
- FADAMA II-ADD. FIN, IFAD-CBARDP & CASP, ATASP-1, RAAMP
 - Project Appraisal Report/Document
 - Project Implementation Manual (PIM).
 - Financial Management Manual.
 - Working Papers.
 - Cost Tables
 - Other supporting documents (Letter to the Borrower, Management Letter, etc).

Implementation of the Statutory responsibilities

3. Annual Budgetary Activities

A. Recurrent activities

B. Capital activities

1. Food security
2. Nutrition
3. Mechanization
4. Agro-processing
5. Livelihood/Agribusiness activities
6. Export Promotion Interventions
7. Agricultural Development Programmes
8. Management/Planning, Research and Statistics
(Monitoring and Evaluation)

2022 Annual Work-plan

- Recurrent
- Capital

1. Food Security interventions (Jan-Dec)

- a. Production and Productivity enhancement activities
 - Improved seeds (rice, wheat, maize, sorghum, millet, cowpea and groundnut)
 - Procurement of fertilizer
 - Agrochemicals
 - Sprayers
- b. Procurement of assorted Grains
- c. Pest Control (Pest Management)
- d. Anchor Borrowers Programme (ABP)

2022 Annual Work plan- Activities

2. Nutrition (Jan.-Dec)

- a. Promotion of the cultivation of Orange fleshed Sweet Potato.
- b. Promotion of cultivation and consumption of vegetables and nutritious foods – legumes
- c. Training of Ext/farmers on safe use of chemicals and safe handling of food.

3. Mechanization (April-Dec)

- a. Procurement of farm machineries – tractors, power tillers, planters, threshers, rice reapers and harvesters
- b. Tractor Hiring Scheme (THS) – tractor hiring services
- c. Solar pump procurement

2022 Annual Work-plan cont'd

4. Agro-processing (Jan. - Dec)

- a. Procurement of multi-crop threshers
- b. Rice Milling- Machines and capacity building (technology transfer).

5. Livelihood activities (March-Dec.)

- a. Agribusiness support activities-Processing and marketing.
- b. Livestock production and Fisheries(by Programs and Projects)
- c. Vegetable production/gardening – backyard and school gardening
- d. Orchard establishment

2022 Annual Work-plan cont'd

6. Export Promotion Interventions (April-Dec)

- a. Support for the production of export Commodities (Sesame, Groundnut).
- b. Support with inputs
- c. Support with GAP and knowledge and skills on export.

7. Agricultural Development Programmes/Agencies:

(Agriculture , Water, Social services- Schools, Health facilities, Markets and Rural Development Activities)

- a. Counterpart funding

2022 Annual Work-plan cont'd

8. Management/Planning, Research and Statistics

(Monitoring and Evaluation)

- Training/Capacity building for Technical Personnel (at State and National levels).
- Meetings/workshops/seminars.
- Establishment of Weather stations
- Data collation and management
- Construction, renovation and Maintenance of buildings-Offices and stores.

Major Achievements of the Ministry (Ministry and Agencies)

□ Support to Food Security (Production and Productivity)

- Promotion of improved seeds :—
 - - Millet- (SOSAT-C88, Super SOSAT)
 - - Maize (SAMMAZ 14, 15)
 - - Sorghum CRS01, CRS02, DECOR
 - - Cowpea (573-1-1, 573-1-2)
 - - Sesame
 - - Rice (FARO 44, 52, 66, 67)
- Procurement and Sale (Supply) of fertilizer to farmers.
- Supply of fertilizers and other production inputs as grants.
- Distribution of grains to vulnerable members of the society for free.

Major achievements- Cont'd

- Promotion of industrial value chains
 - Promotion of Dry season Groundnut production
- Climate resilience activities conducted:-
 - Demonstration and establishment of Water harvesting structures, on-farm & domestic use.
 - Afforestation, woodlots and tree nursery establishment across many communities in the State.
 - Erosion control, soil fertility management and
- Provision of rural infrastructures

Major achievements- Cont'd

- ❑ Anchor Borrowers Programme (ABP) facilitation.
 - The Ministry facilitated the Implementation of the Anchor Borrowers Programme in the State.
 - Supported and facilitated ABP implementation across the country.
 - Supported Benin and Niger Republics to establish ABP in their countries.
- ❑ Outcomes of Anchor Borrowers Programme in the State
 - All year-round rice production in the State.
 - Food availability
 - Job creation
 - Income generation
 - Availability of livestock feeds year-round

Major achievements- Cont'd

- **Mechanization Service Supply of:**
 - Tractors
 - Power Tillers
 - Multi-crop threshers
 - Rice reapers
 - Irrigation Pumps
- **Introduction of Tractor Hiring Service/Scheme.**
- **Use of ICT to geo-fence/secure tractors (they remain operational within the State).**

Major achievements- Cont'd

- Pest control (Year round control of Quelea birds) to secure rice and other cereal crops.
- The State Government signed an agreement with an Aviation Company –Permanently Stationed Aircraft to attack pests promptly.
- Revenue generation-IGR to the State.
- Development of Community Seed Production-Posses a Seed cleaning machine.
- Training of Extension, Farmers and Technical staff.
- Participation in State and National Programmes/Activities.

Major Achievements- Nationally

- ❑ Boosting rice production in Nigeria
 - Supply of paddy in millions of tons to Nigeria.
 - Provided facilitation, knowledge and skills to establish ABPs in the many States in the Country.
- ❑ Saved Nigeria from Forex drain.
- ❑ Job and wealth creation across the country.
- ❑ Encouraged/increased the participation of Deposit Finance Banks in Agricultural Lending.

Facilitation of Agribusiness investments and industrialization in the State

- Kebbi State Bio-fuel/Ethanol Production Company
- Rice mills proliferation:
 - 4 large scale rice mills (Labana 2 lines, WACOT 1, second on-going, Lolo and Dangote Rice Mills.
 - 30 Medium scale rice mills
 - Over 100 Small scale mills

With a combined output of about 600, 000metric tons of milled rice (from close to 1 million tons of rice paddy).

Facilitation of Agribusiness investments and industrialization in the State

- Cassava production and cottage processing.
- Flour mill- recently completed
- Tomato Processing Company – GB Foods/Tomani Farms.
- Green Agriculture West Africa Limited (GAWAL) Seed Company.
- Neem Organic Fertilizer Company, Bulasa, B/Kebbi.
- Arbarka Fertilizer (inorganic) Company, Bulasa, B/Kebbi.

PARTNERSHIPS

1. Research and Development Partners

- Institute for Agricultural Research, IAR, ABU, Zaria
- KSUSTA
- UDUS- Energy Research Center.
- LCRI, Maiduguri
- NCRI- B/K and Badegi, Bida, Niger State.
- ICRISAT- Kano and Niamey, Niger Republic.
- IITA- Zaria & Kano Sub-stations.
- ARMTI, Ilorin, Kwara State.
- NCAM, Ilorin, Kwara State
- FBUK

PARTNERSHIPS

2. Local and National partners

- FMARD, FMF and National Development, F Min. for Water Resources, F Ministry for Environment
- CBN
- Nigeria Metrological Agency (NiMet)
- Nigeria Hydrological Services Agency (NIHSA)
- MDAs- State
- COMMODITY/FARMERS' ASSOCIATIONS
 - AFAN
 - ALL COMMODITY ASSOCIATIONS- (NATPAN, RIFAN, WHEAT FARMERS, MAAN, MAGPAMAN)
- SMEs
- Development Exchange Center (DEC).
- NIRSAL- NIGERIA INCENTIVE BASED RISK SHARING FOR AGRICULTURAL LENDING
- NAIC- NIGERIA AGRICULTURAL INSURANCE CORPORATION

PARTNERSHIPS

3. International Devt. Partners

- USAID – FEED THE FUTURE- IFPRI, MICHIGAN STATE UNIVERSITY (MSU) KSUSTA. **Agriculture Policy Project.**
- USADF- United State Africa Development Foundation
- USAID- FEED THE FUTURE- CULTIVATING NEW FRONTIERS IN AGRICULTURE (CNFA). **Agribusiness Investment Activity**
- USAID –FEED THE FUTURE – WINROCK -**Agricultural Extension and Advisory Services Programme.**
- USAID – GLOBAL ALLIANCE FOR IMPROVED NUTRITION- EATSAFE- **Evidence and Action Toward Safe, Nutritious Food.**
- USAID – **West Africa Trade and Investment Hub.**
- USAID- **ADVANCING NUTRITION IN NIGERIA PROJECT.**
- OXFAM/OSAID

PARTNERSHIPS

4. Partnership at initiation Stage

- APPEALS- AGRO-PROCESSING, PRODUCTIVITY ENHANCEMENT AND LIVELIHOOD SUPPORT PROGRAMME.
- PULA – Improved Agricultural Insurance Policy service Providers
- TECHNOSERVE - Agricultural Extension Service and Credit facility Services
- AFEX - Agricultural Produce Off-takers and input suppliers on loan basis
- RURAL FARMERS HUB - Private Agricultural Extension Services

Issues and Challenges of the Ministry/Agric Sector

❑ Extension/Logistics/Funds

- Shortage of Extension Workers-Dwindling number of Extension service workers.
- Lack of equipments/devices/instruments for access and adoption/application of modern technologies.
- Lack of mobility at all levels.
- Limited capacities of the Agric. Technical staff.
- Low budgetary releases

Issues and Challenges

□ Production and Productivity issues

- Climate change issues
 - Endemic flooding
 - Soil degradation- soil fertility depletion.
 - Droughts and dry spells
 - Pests and diseases
- High cost of agric. Inputs.
- Adulterated and fake agric inputs.
- Loss of agricultural land to urban development.
- Inadequate Mechanization-Low level of adoption.
- Low level of ICT

Opportunities/ Areas for Partnerships

- ❑ Agricultural Extension services
 - Capacity Enhancement/re-training on GAP
 - Use of ICT for Extension Service Delivery
- ❑ Institutional strengthening:
 - Administration skills (for senior Officers/Directors).
 - Development of Policy briefs.
 - Development of Kebbi State Rice Policy
 - Skills on foreign partner networking to support Ministry's activities.

Opportunities/ Areas for Partnerships Cont'd

- ❑ Support to Agribusiness Development
 - Knowledge and skills for Agribusinesses (Business Plan Development, management and sustainability skills).
 - Knowledge and skills for Export Market
- ❑ Rapid Response to Climate Change Activities
 - Skills for Response to Emergency
 - Flooding
 - Trans-boundary Migratory Pests- Locusts- Regional Network for migratory pest surveillance.

Opportunities/ Areas for Partnerships Cont'd

❑ Food and Nutrition Concerns

- Support to generate data/survey and Mapping of pesticide use in Kebbi State.
- Simple hand-held devices and knowledge and skills to identify/determine level of chemical toxicity in food items (especially fresh/raw food items).
- Climate Smart Agriculture-Provision of modern weather stations (at least 2 no.) and simple techniques for dissemination of Seasonal Weather Predictions.
- Crop/Area/Yield/Survey (CAYS)- Simple option to achieve this- use of ICT.

Opportunities/ Areas for Partnerships Cont'd

□ General issues

- Handling Insecurity issues in farms and production clusters.
- Advocacy/Support for Legislators to enact laws to safeguard agriculture.
 - Legislate on Community Development Associations (CDAs), an innovative system of local/community governance structure developed by IFAD-CBARDP.
 - Village Loans & Savings Associations, Financial Service Associations.
 - Banning, confiscation and penalization of poisonous food items due to agro-chemicals by the Ministry.

THANK YOU FOR LISTENING



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