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**NIGER STATE AGRICULTURAL
AND RURAL DEVELOPMENT
INTERVENTIONS (NSARDI)
(OVERVIEW FEASIBILITY REPORT)**

PREPARED BY

NIGER STATE GOVERNMENT

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EXECUTIVE SUMMARY

The programme objective of the proposed Niger state Agricultural and Rural Development Interventions (NSARDI) is to move decisively towards repositioning of Agricultural activities in Nigeria generally and Niger State in particular. This is geared towards facilitating Niger State contribution to the diversification of the Nation's economy, reducing the current over – dependence on the oil sector and ensuring food security. These can be attained by rejuvenating the Agricultural sector of Niger State towards enhanced production Rice, Millet, Sorghum, Sugar cane, Groundnuts, Sheanuts, Cotton, and Root and Tubers. Agriculture, which still accounts for about 80% of employment in Niger State, would be developed to ensure greater efficiency in the use of our lands, water, and climate to produce high valued crops that will meet export quality. With these interventions from the Federal Government, the State Government plans to fundamentally transform the Agricultural sector in a way that will facilitate the attainment of the cardinal principle (food security) of President Yar'adua's Seven Point Agenda.

The State has over Nineteen (19) established Irrigation Schemes with unlimited potentials for expansion and establishment of new ones.

Existing extension delivery services are grossly inadequate, characterized by low extension – farmer ratio of 1:3,000, inadequate funding, logistics etc.

Provision of funding to the Agricultural sector has been very low, with a budgetary allocation of less than 5% of the State annual budget.

Supply of Agricultural inputs in the State has been sub-optimal e.g. the State fertilizer indent for 2008 was 50,000mt but only 25,000mt was distributed to farmers. Farmers in Niger State have limited access to credit (funding) thereby limiting expansion in agricultural productivity.

Mechanised Agriculture and Tractorization is grossly inadequate, the State has only three hundred and fifty tractors servicing about 2.8million farmers. Commercial farming is virtually non-existent in the state.

The State loses between 40-55% of its Agricultural produce due to inadequate storage facilities, poor handling and damage by pests.

Niger State has enormous Livestock and Fisheries potentials; however low milk yield, poor quality beef etc are characteristics of the industry due to genetic factors and poor education.

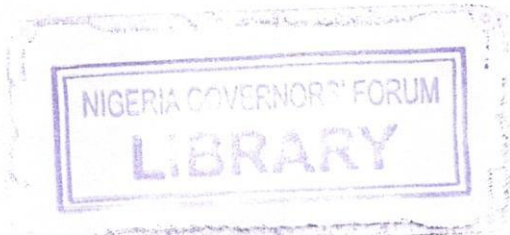
Niger State is blessed with large water bodies in forms of rivers and dams/reservoirs, which if properly managed can yield about 60,000mt of fish annually. The State also has large and suitable land that can be exploited for aquaculture.

The State has 23 designated Grazing Reserves with an estimated combined size of over 130,000ha. Their development will substantially reduce farmers herdsmen conflicts

The programmes requiring Federal Government Intervention totaling **N67.85b** comprises of the following:

- i. Establishment of comprehensive Mechanised Agriculture in Niger State : = N4.96billion
- ii. Comprehensive development of irrigation potentials to provide for 568,000 hectares of irrigable lands: = N 14.3billion
- iii. Development of grains storage structures bringing the total to sixteen (16) covering most of the Local Government Headquarters and the State capital : = ₦ 2.6billion
- iv. Establishment of nine (9) Farm Settlements/Institutes i.e. three per senatorial District, and rehabilitation of existing Farm Settlements/Institutes: = ₦ 3.3billion

- v. Establishment of Agro-parks at Bida, Minna, and Kontagora to process Rice ,Cotton, cassava, vegetables, livestock etc: = ₦3.0billion
- vi. Rehabilitation and construction of 560km Rural Feeder Roads in the State: = ₦ 2.0billion
- vii. Engagement, Training and provision of Logistics for 1,126 extension agents to ensure effective Extension Service Delivery: = ₦1.6billion
- viii. Procurement of 1,200mt of improved planting materials, Agro-chemicals and reactivation of Niger Fertilizer Company, Zungeru: = ₦777million
- ix. Livestock Health Care Project = ₦ 1,7billion
- x. Grazing Reserve Development = ₦ 2.6billion
- xi. Livestock Improvement and Breeding Programmes = ₦ 858million
- xii. Stock Routes and Control Posts = ₦ 325million
- xiii. Development of International Market at Mokwa = ₦ 5.5billion
- xiv. Abattoir Development = ₦1.8billion
- xv. Fisheries Production Projects = ₦ 1.7billion
- xvi. Water Shed Management and Establishment of Special Forest Plantations = N288.5million
- xvii. Perimeter and Topographical survey of 305 Ha of land at the three farm settlements = ₦ 10.52million
- xviii. Rural water supply by provision of 1,000 Nos. boreholes = ₦1billion



- xix. Cadastral mapping of 401,055Ha, soil analysis and environmental Impact Assessment =N14.19billion
- xx. Construction of a new dam to serve minna at Ugba = N5.0b
- xxi. raw water transfer from Nupeko to Bida for Irrigation purposes = N 2.4b

Derivable Benefits of the Intervention:

The derivable benefit of the intervention is to bring about increased Agricultural production and sustainable food security in Niger State. Similarly Agricultural raw materials will be produced to encourage the establishment of Agro-Allied Industries, Local Content Investment Advancement, improve Foreign Exchange Earnings, and Boost Local Commerce and Industry, Poverty Reduction, Integrated Rural development, creation of Employment Opportunities to teeming unemployed youths and curtail Rural --Urban migration (drift).

The specific benefits derivable from the Intervention are as follows;

- i. Improved mechanization will bring about opening of about 400,000-500,000 ha of land under commercial farming. This will in turn lead to about 400% increase in crop production in Niger State. It is expected that Rice production will triple the present 450,000 tonnes/year, Maize and Millet production will also increase by three folds to ensure Food Security;
- ii. Establishment of Agro-Parks will lead to the establishment of about 24 cottage mini manufacturing industries capable of adding value to the Rice, Millet, Groundnut, Beef and Fish to be produced in the State. It is expected that beef production will increase by 150% and Fish production by 35%.
- iii. The engagement of extension Workers, Agricultural practices and transfer of technology to the farmers will increase a multiple fold with multiplier effects on production and ability to practice intensive cultivation

- iv. By establishment of Farm Settlements, drudgery associated with subsistence cultivation will be eliminated, and about 5,000-6,000 youths will be gainfully engaged in integrated Agricultural production;
- v. Nineteen (19) Irrigation Schemes will be brought back to their designed capacities, which will improve dry season farming activities. Two –three farming cycles in a year will be possible, and this will eliminate long time of idling during the off season (dry periods);
- vi. Under the programme, the present 350 tractors in the State will be increased to 1,000 units thereby increasing farm power from the present 0.01-0.8hp/ha;
- vii. The State plans to increase the number of Grains silos to sixteen (16) with a combined capacity of 50,000mt, to enable the State procure and store 20% of the total grains produced by farmers;
- viii. Five hundred and sixty kilometers (560km) of Rural Feeder Roads will be constructed/rehabilitated to facilitate the movement of Agricultural produce from the rural areas to urban centres;
- ix. Development of six (6) Grazing Reserves and rehabilitation of 200km of interstate Stock Route geared towards reduction in farmers-herdsmen clashes and conflicts;
- x. Construction and equipping 1 Nos. Referral Veterinary Hospital and 6 Nos. Veterinary Centres for effective delivery of Livestock Healthcare Services;
- xi. Construction of five Modern Abattoirs to ensure the provision of wholesome meat to 90% of the populace in urban semi –urban areas;
- xii. Production of 25million tree seedlings to facilitate afforestation programmes and amelioration of climate change.

- xiii. Improvement/extension of water facilities to provide adequate water for humans, livestock, fisheries and irrigation purposes in the State.
- xiv. Cadastral Mapping of 401,055Ha of land to facilitate acquisition of Title Deeds for accessing credits, and soil nutrient mapping necessary for Agricultural activities and the take –off of commercial farming in the State

Niger State Government in its bid to attain vision 3:2020, ensure food security and realizing the benefits of the intervention programme, is willing to give counterpart contributions in the implementation of the proposed projects through budgetary allocations/appropriations.

1.0. PREAMBLE

Niger State and its natural resources, especially, the fertile land and water, both of which are inextricably linked, are vital to Niger State's socio-economic development generally. The mere possession of these natural resources, however, does not automatically guarantee economic prosperity, unless they are effectively, efficiently and sustainably exploited.

Fertile land and large water bodies are the desired resources for crop production, livestock, fisheries and Agro-industries. When combined with the favourable climate of the State, it provides a conducive environment for the production of a variety of cash crops for import substitution and eventual export.

Agriculture is however, the dominant sector of Niger State Economy. It employs about 80% of the State's population as its labour force. The State has a strong comparative advantage in the production of crops such as rice, maize, Groundnuts, Roots and Tubers, cotton, cowpea, cassava etc.

Niger State has the comparative ecological advantages for agricultural production, where the bulk of production is under rain fed Agriculture. The State has suitable climate and large labour force that can bring about full utilization of the land resources for crop production. The different ecologies in the State provide rainfall patterns, temperature requirements and soil types that sustain different crop biodiversity. The pattern of crop production depends on the length of growing season and the distribution of annual rainfall, which may allow for three cycle crop production annually using

irrigation especially rice. However, irrigated farming in fadamas or flood plains near rivers and Dams is important. The State is blessed with large water bodies including Dams, natural ponds/reservoirs along valleys and flood plains of rivers Kaduna and Niger, and the numerous tributaries and streams are additional potentials for fisheries development. These water bodies are being used for artisanal fishing and it is estimated that 35,000mt of fish are harvested annually. However, this figure can be substantially increased to an estimated 60,000mt annually if the water bodies are properly managed for fish production. Also large and suitable land for the development of aquaculture practice abounds in the state.

The State has an estimated 682,000 hectares of irrigable land, out of which only 105, 575 hectares have been developed, with only about 26,500 hectares being cultivated annually. In addition, it has well over 19 established Irrigation Schemes, with potentials for expansion and development of new ones.

Livestock production is a major activity of vast majority of farmers in Niger State. The estimated livestock population is 2.0 million heads of cattle, 1.0 million sheep, 2.6 million goats, and 0.2 million others, in addition to about 6.0 million poultry.

The State also has 23 designated Grazing Reserves with an estimated size of over 130,000ha. Sedentarization of about 70-80% of pastoralists will promote increase livestock production. Development of these reserves will greatly reduce the incessant farmers pastoralists conflicts

Despite, the enormous Agricultural, Livestock and Fisheries Potentials, abysmal low yield and poor quality of various Agricultural produce are

hallmarks of Niger State Agriculture. This is due largely to poor genetic factor, biosecurity, and scientific education on the part of the farmers. Inadequate agricultural infrastructure and ineffective extension services also contribute to this state of affairs. In addition, extension services in the State are characterized by low ratio of extension workers to farmers, inadequate funding of extension activities and lack of logistic support for extension workers and very weak Research/Extension linkages.

Over the years, funding of Agricultural programmes and projects has been low. To realize the vision of making Agriculture the pivot on which other sectors revolve, under limited resources and competing demands, the State needs to take advantage of the Federal Government Intervention Fund.

Supply of agricultural inputs in Niger State has been generally sub-optimal, for example, the state fertilizer indent for 2008 was 50,000mt but only about 25,000mt was distributed to farmers in the State. Also, farmers have limited access to credit and existing extension services are grossly inadequate. There is currently one (1) extension worker to 3,000 farmers compared to the best practices of one (1) to 500. Farm mechanization is grossly inadequate. There are presently 350 tractors in the State meant to serve about 2.8 million farmers.

Niger State loses between 40-55% of its agricultural produce due to poor handling, inadequate storage facilities and the inability to process them.

Presently, Commercial Farming is virtually non-existent in the State, the few large scale farms are poorly managed or at best run as a hobbies.

To arrest this negative trend, it is imperative that government evolves programmes and projects that are viable and can attract external funding. The State can effectively access the ₦244 Billion Federal Government fund through execution of some programmes and projects spelt out in the State Agricultural Road Map.

2.0. **AGRICULTURAL POTENTIALS OF NIGER STATE**

2.1 Niger State covers a total land area of about 86,000sqkm or 8.6million hectares, representing about 9.3% of the total land area of the country. Out of this, about 7million hectares (or 80%) are arable from which about 32% or 2.3million hectares are actually cultivated for production of various food and cash crops.

The state is endowed with abundant natural resources such as fertile soils, minerals, forest resources, rivers and good climatic conditions well suited for growth of large number of crop species, livestock and fisheries.

Based on 2006 census figures, the State's population is now 4.15million (projected), considering 2.5% annual growth rate. It has been estimated that 80% of this population live in the rural areas, where they earn their living directly or indirectly from Agriculture. An estimated 400,000 farming households exist in Niger State with average farm holding of 3-5 hectares. Almost all soil types, typical of the savannah regions of West Africa can be found in Niger State, with potentials to support both rain fed and irrigated farming.

The State experiences distinct dry and wet seasons. The rainy season lasts for 5 to 6 months in the northern part and 7 – 8 months in the South beginning April/May. The dry season period starts in October/November of the same year.

The State's agricultural output cuts across all crop horizons including food and cash crops, major ones being Sorghum, Maize, Rice, Millet, Cowpea, Yam, Cassava, Sweet potatoes, Groundnut, Cotton, Soya beans, Sugarcane, Melon, and vegetables of all kinds. There are other cash crops such as Sheanut, Locust bean, Jatropha, Cashew, etc. The average annual productions of these crops however remain very low when compared to the State's potentials.

The State's potential for Fadama development is also enormous. It has an estimated 682,000 hectares of irrigable land, of which only 105,575

hectares have been developed with only about 26,500 hectares being cultivated annually. There are 18 irrigation schemes under the Ministry. The extensive flood plains at the water bodies (Rivers Niger, Kaduna, Gbakogi, Gurara, and Chanchaga), dams/reservoirs (Kainji, Shiroro and Jebba), numerous streams as well as the distinct six months of dry weather offer great opportunity for dry season cultivation of Rice, Sugarcane, Maize, Pulses and assorted vegetables.

There exists tremendous opportunities for exploiting these vast agricultural resources for the purposes of food self sufficiency and industrial growth. The State's proximity to the nation's capital coupled with good rail and road networks, good air transport and potentials for water transport as well as good communication system, provide producers the opportunity to market their produce and products anywhere within and outside the State. There are also existing rice mills located at Badeggi and Bida that can add value to all paddy rice produced in the State.

3.0 PROPOSED CORE PROGRAMMES FOR INTERVENTION:

3.1 To effectively harness, for better productive use, the vast agricultural resource endowments of the State, and ensure increased agricultural sector's contribution to the economic development of the State, two core programmes have been developed by the Ministry of Agriculture and Rural Development and Ministry for Livestock and Fisheries Development to access the ₦244billion FGN Intervention Fund. The programmes are titled:

i. "Niger State Feeds the Nation"

ii. "Protein for All Initiative"

i. Niger State Feeds the Nation:

Under this programme, it is anticipated that sufficient food will be produced not only to feed the State and the Nation but also to have surplus for industrial and export purposes. The programmes will involve mass production of arable and cash crops such as Maize, Rice, Sorghum, Millet,

Yam, Cassava, Cotton, etc for which the State has comparative advantages. Efforts will also be made to domesticate Sheanut and Locust bean trees for large scale production purposes.

3.2. **STRATEGIES:** Strategies to be adopted will principally be to facilitate the production of Rice, Millet, Sorghum, Groundnuts, Roots and Tubers by farmers through provision of support services and effective linkages. The strategies to be adopted are:

- ❖ Providing land clearing services.
- ❖ Establishment of farm settlements.
- ❖ Encouraging farm mechanization.
- ❖ Facilitating supply of farm inputs.
- ❖ Establishment of seed multiplication centers, farm services centers and maintenance workshops.
- ❖ Establishment of soil-testing laboratories.
- ❖ Establishment of Demonstration Centers.
- ❖ Gradual Shifting of emphasis from rain fed to irrigated Agriculture.
- ❖ Rehabilitation of existing irrigation schemes and developing new ones.
- ❖ Pest control emergency intervention services.
- ❖ Strengthening extension advisory services to farmers by providing logistics, training and adequate funding.
- ❖ Farmer empowerment through provision of credit facilities.
- ❖ Re-establishment of school farms.
- ❖ Purchase of 20% of Agricultural produce by Niger State Government under Buffer Stock/Guaranteed Minimum Prices Programme.
- ❖ Encourage commercial farmers to establish farms in Niger state.
- ❖ Encourage youth empowerment activities in Agriculture.

- ❖ Establishment of Agricultural Training Institutions, including mechanized management.
- ❖ Provision of Insurance cover by Nigerian Agric Insurance Company.
- ❖ Sensitization of all stakeholders.
- ❖ Provision of rural feeder roads and other infrastructural facilities.
- ❖ Establishment of Niger State Council on Agriculture.
- ❖ Cadastral, Survey, Topographical mapping of various sites
- ❖ Perimeter and Topographical survey(305ha) of the three existing Farm Settlements
- ❖ Provision of Title Deeds for farmlands to facilitate access to credits.
- ❖ Conduct of soil analysis that will culminate in the soil nutrient mapping of the State.
- ❖ Improvement/Extension of water sources such as dams and boreholes for provision of water for irrigation and rural water supply.

3.3 TARGET: The target is to increase the present production levels of these crops by 100% by the year 2011, specifically by increasing the area put under cultivation and yield/unit area. The target is expected to be achieved through:-

- ❖ Timely supply of 40,000metric Tons of assorted fertilizers annually for wet and dry season farming.
- ❖ Supply of 1,200mt of assorted improved seeds and seedling annually.
- ❖ Provision of 200,000 Ltrs of assorted Agro-chemicals annually, 12 wheel-barrow sprayers and 22 back mounted motorized sprayers.
- ❖ Provision of 1,000 tractors and implements, 6 Bulldozers, 150 units of Fertilizer Broadcasters, 150 units of Boom sprayers and harvesters.

- ❖ Rehabilitation and Development of irrigation schemes at Guzan, Rabah, Edo-Lapai, Agaie, Gbakogi, E dozhigi, Badeg gi, B aratsu, Zara Lioji, Chanchaga I & II, Tamarai, Bangi and Papiri and Development of Mambe and Badeggi flood plains.
- ❖ Purchase and distribution of small diameter (2-3inches) irrigation pumps for farmers.
- ❖ Establishment of farm service centers and a total of 24 ha seed multiplication farms in the zones.
- ❖ Establishment of a soil testing laboratory in Minna.
- ❖ Transformation of the three (3) Farm Institutes at Kuta, Tegina and Nasko to Farm Settlements and re-establishment of Agaie School for tractor operators and mechanics, and the establishment of additional 9 Farm Settlements
- ❖ Rehabilitation of grains storage warehouses at Wushishi, kutigi, Pandogari, Salka and Badeggi and the establishment one silo at Minna and purchasing of 20% of produce from farmers annually for Buffer Stock Guarantee Minimum Price programme.
- ❖ Provision of Semi-permanent and temporary cotton markets at strategic cotton growing Areas to boost cotton production/marketing.
- ❖ Re-establishment of Commodity Marketing Boards.
- ❖ Encourage establishment of Commercial Farms in all the zones.
- ❖ Rehabilitation and Construction of 560km Rural Feeder Roads.
- ❖ Perimeter and Topographical of the three existing farm settlements
- ❖ Mapping of over 401,000Ha of farmland in Niger State.
- ❖ Embarking on Impact Assessment Surveys.
- ❖ Production of soil nutrients map of Niger State.
- ❖ Provision of water for agricultural purposes and human consumption.

- ❖ Rural water supply through the construction of 1,000 boreholes for enhanced irrigation farming

ii. **Protein for All Initiative:**

Under this programme the target is increase to by 100% the present level of production of meat, milk, and eggs and also the present level of fish production in the State. This is with the aim of providing affordable animal protein sources to meet the minimum daily protein requirement of the citizens. Specific strategies to be adopted for achieving the target under Livestock and Fisheries include:

- ❖ Revitalizing existing Animal Healthcare Facilities in the State.
- ❖ Conducting Awareness and Sensitization Campaigns/Workshops on Animal Diseases of economic importance.
- ❖ Introduction of Genetically improved breeds of Animals and adoption of Artificial Insemination techniques.
- ❖ Facilitating intensive production of high quality poultry products.
- ❖ Provision of quality Veterinary inputs and Drugs to Livestock owners and farmers.
- ❖ Enhancing effective Veterinary Public Health services by reactivation of proper meat inspection services in Abattoirs. Slaughter houses and slabs, public enlightenment campaigns and Vaccination programmes
- ❖ Establishment of information Centres on Bio-security related issues.
- ❖ Development of Grazing Reserves by provision of basic infrastructures to facilitate settlement of significant number of herdsmen.
- ❖ Percentage of Agro-pastoralist and reduce conflict between farmers and herdsmen.
- ❖ Rehabilitating major control posts for effective data collection, disease surveillance and control of Livestock diseases.
- ❖ Redefining and maintaining Stock routes to reduce conflicts.

- ❖ Supporting and sustaining Avian Influenza (H5NI) project (AICP) in the State to prevent outbreak of the highly pathogenic Avian Influenza.
- ❖ Conducting Baseline survey on Fishing in the State.
- ❖ Provision of appropriate Fishing Inputs.
- ❖ Enforcement of legislation on responsible fishing practices.
- ❖ Promoting good storage facilities to prevent or reduce fish spoilage.
- ❖ Promoting modern fish processing techniques.
- ❖ Establishment of workshops for Boat building and repairs of Out-Boat Engines.
- ❖ Protection of fish sanctuaries.
- ❖ Infrastructural Development support in Rural Fishing communities
- ❖ Supporting Research activities in Fisheries.
- ❖ Reactivation of existing Fish Hatcheries.
- ❖ Encouraging Aquaculture practices in Ox-bow lakes.
- ❖ Establishment of fish feed mills.
- ❖ Culturing for mass production of exportable Fish species.
- ❖ Promoting and encouraging Fish Farming and other activities such as fish processing and marketing by unemployed youths, interested individuals and women.

3.4 TARGET:

Expected target to be achieved in the next 3 years are:

- ❖ Development of 10 Ox-Bow lakes in each zone of the State.
- ❖ Development of infrastructures at Tagwai Fish hatchery and rehabilitation of Wuya Fish Farm and hatchery for production of Fish Fingerlings.
- ❖ Procurement of 7,500 bundles of assorted fishing nets/gears and 10 Out-Boat Engines for enforcement of legislation on responsible fishing.
- ❖ Establishment of pilot Fish farms in 25 LGAs

- ❖ Provision of 30 units solar tents, 30 units of smoking kilns and other cooling equipment for encouraging use of storage facilities to reduce spoilage.
- ❖ Establishment of 10 fish feed milling and pelleting machines.
- ❖ Identification of 10 women groups and 50 youths annually in each zone of the State, to promote women in aquaculture and youth empowerment through fish farming.
- ❖ Construction of one Referral Veterinary Hospital, 6 Veterinary Centers and renovation of State Veterinary Centres, Clinics and 6 Livestock Breeding and Service Centres.
- ❖ Establishment of Livestock Breeding and Improvement Centres at Sheyi Grazing Reserve and 3 integrated Livestock Pilot Demonstration Farm (one in each zone).
- ❖ Resuscitation of Poultry Production Unit Bosso and Nine Poultry Demonstration and Holding Centres.
- ❖ Development and Gazettement of 7 Grazing Reserve and survey of 9 others.
- ❖ Establishment of livestock drug and vaccines revolving fund.
- ❖ Construction of modern Abattoirs in Minna, Bida, Suleja and Kontagora.
- ❖ Production of 25million seedlings
- ❖ Water shed Management
- ❖ Establishment of Neem Based Factory
- ❖ Exploitation of Special Forrest Plantation
- ❖ Improve water supply for agricultural purposes and human consumption.
- ❖ Production a cadastral map of Niger State.

4.0 Projects for Intervention and Cost Implication:

The projects being proposed for intervention are as follows:-

4.1 Production of a Master Plan for Agricultural Development in Niger State

farm settlements - 6 = 600 m
engagement of youths -
8 yrs - 100 =

= N300 million

4.2 Farm settlement and youths in Agriculture = N^{500.6}million

4.3 Establishment of Comprehensive Mechanized Farming:

a) Procurement of ³6 Nos. Bulldozers and ¹2 lowbeds = N240million

b) Procurement of 4Nos. Rome ploughs = N24.9million

c) Procurement of 1,000 Nos. tractors and implements = N3.018billion

d) Procurement of 150 Nos. planters = N150million

e) Procurement of 150 units of fertilizer broadcasters = N300million

f) Procurement of 150 units of boom-sprayers = N300million

g) Procurement of 12 Nos. harvesters = N228million.

h) Rehabilitation of Mechanical Workshops at Minna, Bida & kontagora

= N350million

i) Construction and establishment of 22 new Mechanical Workshops in the 25 LGAs. = N350million

4.4 Comprehensive Irrigation Development:

a) Rehabilitation of 19 irrigation schemes. = N7.2billion

+ b) Development of Mambe and Badeggi flood plains = N7.10billion

4.5 Supply of farm inputs.

+ a) Reactivation of Niger Fertilizer Company, Zungeru = N300million

+ b) Procurement of 1,200mt of improved planting materials
= N342million

+ c) Procurement of assorted Agro-chemicals for outbreak control
= N135million

d) Construction and Rehabilitation of Farm ¹¹⁷Service centers = N980million

+ e) Establishment of Seed Multiplication Centers and soil Testing Laboratory = N16.47million

+ f) Rehabilitation of Fertilizer Stores (25 Nos.) = N620million

- ✗ g) Rehabilitation and expansion of the three Farm Institutes
= N200million
- ✗ h) Establishment of school for Tractor operators and mechanics at Agaie
=N80million
- ✗ i) Establishment of 9 new Farm Settlements = N900million.
- ✓ j) Establishment of 3 Agro-parks to process Rice, cassava, vegetables and livestock, etc. L
= N3.0billion

4.6 Development of Grains Storage Structures:

- ✓ a) Repairs and upgrading of 5 silos and construction of 11 new ones
= N2.0billion.

✓ 4.7 Improvement of Extension services:

- a) Enhancement of Extension Service Delivery = N444.6million
- b) Engagement of Extension Agents = N573million
- c) Capacity building and logistics for 5,267 EAS = N611.9million ✓

- ✓ 4.8 Construction and Rehabilitation of 560km of feeder roads in Niger State
= N2.0billion

- ✓ 4.9 Commercial Agriculture in Niger State = N4.0billion

- ✓ 4.10 Establishment of marketing boards = N500million

- ✗ 4.11. Construction of 1,000 boreholes = N1.0billion

- 4.12. construction of a new dam at Ugba to serve minna = N5.0billion

- 4.13. Raw water Transfer from Nupeku to Bida = N2.4billion

- 4.14. Perimeter Survey and Topographical Mapping of various sites
= N10.2billion

5.1. Livestock Healthcare Projects

- i, Construction of Referral Hospital, Minna =N480million
- ii .Construction of 6 new Veterinary Centers =N800million
- iii.Rehabilitation of 9 Existing Clinic =N450million

5.2. Grazing Reserve Development

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- i. Development of 7 Grazing Reserves =N1,680million
- ii. Survey and Demarcation of 9 Grazing Reserves =N468million
- iii. Development of Improved 900ha Pasture =N450million

5.3. Livestock Improvement and Breeding Programme

- i. Establishment of Standard Artificial Insemination Center at Sheyi =N330million
- ii. Establishment of 3 Livestock Development Centers =N150million
- iii. Rehabilitation of Pilot Poultry Production Center Minna and 9 PDHC's =N378million

5.4. Stock Routes and Control Posts

- i. Rehabilitation of Jebba Control post =N100million
- ii. Construction of New Wuse Control post and 4 inter state control post. =N125million
- iii. Rehabilitation of 200km Interstate stock route =N100million

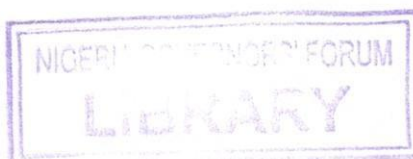
5.5. Development of International Livestock Market =N5.50billion

5.6. Abattoir Development

- ❖ Construction of Minna city abattoir =N600million
- ❖ Construction of Modern abattoirs in Minna, Bida, Suleja and Kontagora =N1, 200billion
- ❖ Establishment of Tanneries =N12.5million

5.7. Fisheries production projects

- i. Procurement of surveillance Boats and Outboard Engines =N122million
- ii. Procurement of Fingerlings for Restocking of State water bodies =N300million
- iii. Fish stock assessment, Diagnostic, Catch and Frame surveys =N40million
- iv. Procurement of assorted Fishing Inputs =N567million



- v. Establishment of Pilot Fish Farms =N200million
- vi. Completion of Tagwai Fish Hatchery and Establishment of one at Wuya =N84million
- vii. Establishment of Pilot Fish Cage culture =N200million
- viii. Introduction of Modern Fish processing and Preservation technique =N99million
- ix. Establishment of Fish Feed Mill =N60million
- x. Design and Construction of Ornamental Fish Farm =N30million

6.0. Forest Establishment Projects

- i. Water Shed management = N46million ✓
- ii. Establishment of Neem Based Factory = N70million
- iii. Establishment of Special Forest plantation = N60million ✓

7.0 Water supply projects.

- i. raw water transfer from Nupeko (after the confluence of Rivers Niger and Kaduna)to Bida for irrigation purposes =N2.4billion
- ii. Rural water supply through the provision 1,000 boreholes=N1billion
- iii. Construction of a new Dam at Ugba =N5billion

8.0 Cadastral Mapping:

- i. Perimeter and topographical survey of 30Ha in each of the 25LGAs of the State = N356million
- ii. Perimeter and topographical mapping of 400,000 Ha of land for commercial farming = N13.8billion
- iii .Environment Impact Assessment including soil analysis for Commercial Farming and Farm settlements. = N30.05million

9.0. Derivable Benefits:

- 9.1 Participation of Niger state Government as a counterpart in the proposed intervention programme will enable the State to access about N

83.13billion from the N244billion earmarked by Federal Government for Agricultural development. The funds will be used to harness the numerous potentials of the State in the areas of Crops, Livestock, Fisheries and Forestry production. This will assist in the attainment of vision 3:2020.

The benefits derivable from the Interventions are as follows:

- ❖ Improved mechanization will bring about opening of about 400,000-500,000 Ha of land under Commercial Farming. This will in turn lead to about 400% increase in crop production in Niger State. It is expected that Rice production will triple the present 450,000 tonnes/year, Maize and Millet production will also increase by three folds to ensure Food Security;
- ❖ Establishment of Agro-Parks Industries will lead to the establishment of about 24 cottage mini manufacturing industries capable of adding value to the Rice, Millet, Groundnut, Beef and Fish produced in the State, it is expected that beef production will increase by 150% and Fish production by 350%:
- ❖ The engagement of Extension Workers, Agricultural practices and transfer of Technology to the farmers will increase a multiple fold, with multiplier effects on production and ability to practice intensive farming (cultivation)
- ❖ By establishment of farm Settlements, drudgery associated with subsistence cultivation will be eliminated, and about 5,000-6,000 youths will be gainfully employed in integrated Agricultural production;
- ❖ Nineteen (19) Irrigation Schemes will be brought back to their designed capacities, which will improve dry season farming activities. Two- three farming cycles in a year will be possible, and this will eliminate long time of idling during the dry periods (off season)
- ❖ Under the programme, the present 350 tractors in the State will be increased to 1,000 units, thereby increasing farm power the present 0.01-0.8hp/ha;
- ❖ The State plans to increase the number of Grains silos to sixteen (16) with combined capacities of 50,000mt, to enable the State procure and store 20% of the total grains produced by farmers;

- ❖ Five hundred and sixty kilometers (560) of rural feeder Roads will be constructed/rehabilitated to facilitate the movement of Agricultural produce from the rural areas to urban centres;
- ❖ Development of six (6) Grazing Reserves and rehabilitation of 200km of interstate stock Route geared towards reduction in farmers-herdsmen clashes and conflicts;
- ❖ Construction and equipping 1 Nos. Referral Veterinary Hospital and 6Nos. Veterinary Centers for effective delivery of Livestock Healthcare Services;
- ❖ Construction of five Modern Abattoirs to ensure the provision of wholesome meat to 90% of the populace in urban and semi urban areas;
- ❖ Production of 35 million tree seedling to facilitate afforestation programmes and amelioration of climate change.
- ❖ Perimeter and topographical survey and mapping of lands
- ❖ Production of a soil nutrient map of Niger State, thereby regulating the use of fertilizers.
- ❖ Farmlands to be covered by Title Deeds thereby facilitating access to credits by farmers.
- ❖ Improvement of water supply for Irrigation purposes and rural water supply.
- ❖ Cadastral Mapping

PROJECTS FOR INTERVENTION AND COST IMPLICATION:

i. NIGER STATE FEEDS THE NATION: AGRICULTURE AND RURAL DEVELOPMENT SECTOR

S/N	OBJECTIVE AND TARGET	STRATEGY	ACTIVITIES	COST (N)			STAKEHOLDERS	EXPECTED OUTCOMES	REMARKS
				2009	2010	2011			
1	Increased production of food and cash crops such as Maize, Rice, Yam, Sugar cane, Cassava, Cotton, G/nuts, Beniseed and Fruit trees by 100%	1.1 Production of Master Plan for Agric Development in Niger State	1. Appointment of consultants to do general engineering survey for agric infrastructures 2. Conduct Impact Assessment Studies	300m	-	-	State, FGN, LGs & Development partners.	Sustained Agricultural plans	
		1.2 Farm Settlement and Youths in Agriculture	Procurement of 25 Nos. Tractors ,implements & equipment (planters, applicators, processors etc)	250m	150m	100m	FGN, State, LGs & Development partners	i. About 600 ha of more lands will be put under cultivation. ii. Youths will be gainfully employed.	
		1.3 Farm mechanization	a. Procurement of 6 Nos. Bulldozers and 2Nos. Low beds b. Procurement of 2 Nos Rome ploughs	90m	80m	70m	State, FGN, LGs, Development Partners	i. Over 10,000 ha of virgin land will be put under cultivation annually ii. Increase in crop production	Each set of Bulldozer is N35m while unit cost of low bed is N20m Unit cost of Rome plough is 2.0732m
				8.3m	8.3m	8.3m			

S/N	OBJECTIVE AND TARGET	STRATEGY	ACTIVITIES	COST (N)			STAKEHOLDERS	EXPECTED OUTCOMES	REMARKS
				2009	2010	2011			
			c. Procurement of 1000 Tractors and implements	1.005b	1.006b	1.006b	State, FGN, LGs, Development Partners		
			d. Procurement of 150 planters	60m	45m	45m			
			e. Procurement of 150 units of Fertilizer Broad casters	100m	100m	100m	State, FGN, LGs, Development Partners		
			f. Procurement of 150 units of Boom sprayers	200m	50m	50m			
			g. Procurement of 12 Nos. Harvesters	76m	76m	76m	State, FGN, LGs, Development Partners		
			h. Rehabilitation of existing zonal mechanical workshop at Minna, Bida and Kontagora	37m	37m	37m			
			i. Construction and equipping of 22 new workshops in the 25 LGAs	75m	50m	50m	State, FGN, LGs, Development Partners		
			j. purchase of 15 Nos slasher	5m	5m	5m			

S/N	OBJECTIVE AND TARGET	STRATEGY	ACTIVITIES	COST (N)			STAKEHOLDERS	EXPECTED OUTCOMES	REMARKS
				2009	2010	2011			
		1.4 Irrigation & Dry season Farming	a. Rehabilitation of irrigation schemes at Guzan, Rabah, Edo-Lapai, Agaie, Baratsu, Zara, Lioji, Chanchaga I & II, Tamanai, Baddegi, Edozhigi, Papiri & Bangi b. Development of Mambe and Badeggi flood plains	2.86b 2.16b	2.6b 3.62b	1.8b 1.32b	State, FGN, LGs, Private Sector State FGN & LGs	I. Over 45,000Ha to be put under dry season crop cultivation. ii. Increase in crop production iii. Over 12,000ha of land will be put under dry season crop cultivation.	Rehabilitation work involves irrigation infrastructures, canal, channels, weirs and procurement of pumps
		1.5	a. Reactivation of Niger Fertilizer Plant Zungeru	300m			State, FGN, LGs, private sector	i. Availability of high quality fertilizers ii. Timely supply of fertilizers iii. Increase in crop production	
			b. Procurement of 1,200mt of improved seeds /planting materials annually c. Procurement of Assorted Agro-chemicals for pest outbreak intervention	22m 25m	50m 45m	50m 65m	State, FGN, LGs, private sector State, LG, private sector	i. Availability of high quality seeds& planting materials	

S/N	OBJECTIVE AND TARGET	STRATEGY	ACTIVITIES	COST ₦			STAKEHOLDERS	EXPECTED OUTCOMES	REMARKS
				2009	2010	2011			
			d. Construction and rehabilitation of Farm Service Centers	480m	300m	200m	State, FGN, LGs, private sector	iii. Reduction in pest outbreaks iv. Efficiency in input delivery and access	Each center to cost an average of N25m
			e. Establishment of Seed Multiplication Centers.	16.47	-	-	"	i. Seed multiplication farms (24ha) established for various crops in the zones	
			f. Establishment of a Soil Testing Laboratory	56m	-	-	"	ii. Availability of improved seeds i. Enhancement of soil conservation for maximum productivity	
			g. Rehabilitation of Fertilizer Stores all over the State (52Nos)	150m	100m	50m	"	ii. Efficient use of fertilizers iii. Increased crop yield	

OBJECTIVE AND TARGET	STRATEGY	ACTIVITIES	COST (N)			STAKEHOLDERS	EXPECTED OUTCOMES	REMARKS
			2009	2010	2011			
1.6 Facilitate training of manpower for the Agric sector		i. Rehabilitation & expansion of the 3 Farm Institutes (F n settlements).	100m	50m	50m	State. LG. Development. partners	i. Increased youth employment. ii. Increased Agric production	
		ii. Establishment of School for Tractor Operators and Mechanics at Aga	40m	20m	20m	State. FGN		
		iii. Establishment Nine (9) new Farm Settlements	300m	300m	300m	State. FGN	iii. Improved technical manpower	
1.7 Buffer Stock Programme		a. Repair of Wush-Kutigi, Pandogari Salka and Badege and the establishment of additional grain silos in the state.	1.0b	500m	500m	State. LGs & farmers FGN, State. & Development. partners	i. Food security ensured. ii. Encourage production of grains. iii. Grains supply & price stability iv. Enhanced income for farmers. v. Protection of farmers from exploitation.	

S/N	OBJECTIVE AND TARGET	STRATEGY	ACTIVITIES	COST (N)			STAKEHOLDERS	EXPECTED OUTCOMES	REMARKS
				2009	2010	2011			
		1.9 Extension services	<p>i. Employing Extension Agents</p> <p>ii. Provision of training, logistics, and equipment for over 5,267 extension agents</p> <p>iii. Purchase of motorcycle (625)</p> <p>iv. Purchase of 10 new and refurbishment of pickup vans (30)</p> <p>v. Purchase of working tools (625)</p> <p>vi. Information Communication Support</p> <p>Television</p> <p>Radio</p> <p>Posters</p> <p>Internet</p>	191m	192m	192m	State, LGs private sector	<p>i. Achieve the world standard extension: farmer ratio of 1:600</p> <p>ii. Increased adoption of improved modern farming techniques</p> <p>iii. Increased mobility of EAS & supervisors</p>	<p>Long and short term training, motorcycles, communication and other facilities provided</p>
				148.2m	148.2m	148.2m	State, FGN, LGs		Unit cost of motor cycle is N80,000
				50m	-	-	FGN, State & LGs		Unit cost of refurbishing is N100,000
				80m	90m	80m	FGN, State & LGs		
				6.2m	6.2m	6.2m	FGN, State, & LG	<p>i. Productivity of the field Agents is enhanced</p> <p>ii. Increased performance</p>	<p>i. Unit cost of working tools is N10,000</p>
				10m	10m	10m	FGN, State	<p>i. Farmers' field problems are identified & solved</p> <p>ii. Larger audience is reached</p>	
				6.0m	10m	12m			
				3.0m	3.5m	3.8m			
				6m	6m	6m	State, LGs, FGN		
				4m	4m	4m			

S/N	OBJECTIVE AND TARGET	STRATEGY	ACTIVITIES	COST ₦			STAKEHOLDERS	EXPECTED OUTCOME	REMARKS
				2009	2010	2011			
			Toll Free Line Establishment	9m	9m	9m	FGN, State	Farmers easily access the EAS	
			ix. Farm Houses-Renovation Construction	30m	30m	30m		i. Residence for EAs	
			x. Hard-line Allowances EAs Supervisors	50m	50m	50m	FGN, State	ii. Contact point or Agro service centers for input distribution	
				17.5m	17.5m	17.5m		i. Transportation Allowance	
				2.4m	2.4m	2.4m			
		2.0 Commercial Agriculture	i. Acquisition of 40,000 Ha land (3 zones) & compensation ii. Provision of social amenities e.g. access roads, clinics, electricity etc iii. Surveying & demarcation of Farm units. iv. Business incorporation of commercial farmers v. State Government capital contribution to the incorporation (Tripartite arrangement)	1.6b			FGN & State,	i. Increased number of farmers ii. Increased ,and specialized agricultural Production	
				1.8b					
				600m					
				2.0m					

S/N	OBJECTIVE AND TARGET	STRATEGY	ACTIVITIES	COST ₦			STAKEHOLDERS	EXPECTED OUTCOME	REMARKS
				2009	2010	2011			
		2.1 Establishment of Marketing Boards	<ul style="list-style-type: none"> i. Provision of office accommodation ii. Deployment of staff iii. Assist the board in the acquisition and sourcing of loans to be used as seed money. 	500m	-	-	State, LGs and other stakeholders	Facilitate local & International trade in agricultural produce	Increased cotton production and marketing in Niger state
		3.0 Proposal for Youth Engagement under the State Social Security Scheme	Engagement of 230 youths, retired civil servants etc in direct production.	45.7m	45.7m	45.7m	State, LGs & other stakeholders	I. Backward migration of youths to the rural areas	Increased Agric. Production, food security, and means of livelihood is provided
		4.0 Rural Feeder Roads	<ul style="list-style-type: none"> Construction and rehabilitation of Rural Feeder Roads: A. Takuti-kutiriko-Etsugaie road B. Doko-Gaba road C. Mokwa-Ja agi road D. Kontagora-madara-ibanga road E. Mashegu-Matane-Kaboji road F. kuta-kafa-layi road 	800m	600m	600m	State, LGS & FCN	I. Construction and rehabilitation of 560km Rural Feeder Roads including culverts, grading of road way, regrading and desilting of cross drainage.	I. Facilitate the movement of people and farm produce from areas of production to the urban markets

ii. PROTEIN FOR ALL INITIATIVE: LIVESTOCK AND FISHERIES SECTOR

S/N	PROJECT TARGET	STRATEGIES	PROJECT/ACTIVITIES	COST (N)			IMPLEMENTING MINISTRIES	EXPECTED OUTCOMES	REMARKS
				2009	2010	2011			
1.	Open Water Rejuvenation and Fish Re-stocking project.	Enforcement and monitoring of State fisheries rules and regulation. Improvement of fish catches in the State water bodies.	1. Procurement of surveillance boats/out-boat engines and other logistics. 2. Procurement of 2m fingerlings per annum for stocking and re-stocking.	50m	42m	30m	FGN/State/Private Sector.	Improvement of quality of landed fish.	
2.	Inventory of Wet Land/ox-bow lakes for Fish Farming. Fish stock assessment/Fish frame survey and catch assessment survey.	- Fish stock assessment, fish catch and fish frame survey.	1. Diagnostic and other surveys. -	10m	-	-	FGN/State	Data Bank on fisheries statistics will be established.	
3.	Improving artisanal fish production	Bulk purchase of appropriate fishing gears from reputable fishing gear manufacturers.	Procurement of fishing nets, hooks, twines, boats and OBE.	283m	182m	102m	FGN/State/Private sector	Landing of economical & quality sized fish attained.	
4.	Establishment of Pilot Fish Frame in 25 LGAs.	Design and Construction of Fish Ponds/Farms	-Land acquisition. -Construction of ponds. -Boreholes. -Fish feeds. -Fingerlings. -Water pumps.	72m	72m	56m	FGN/State/LGA	Increase of fisheries products	

S/N	PROJECT TARGET	STRATEGIES	PROJECT/ACTIVITIES	COST (N)			IMPLEMENTING MINISTRIES	EXPECTED OUTCOMES	REMARKS
				2009	2010	2011			
5.	Completion of Tagwai Fish Hatchery	Rehabilitation and completion of Tagwai Hatchery	<ul style="list-style-type: none"> -Staff Quarters. -Rehabilitation of series of Tanks. -Rehabilitation of office/lab block. -Construction of grown out pond. -Fencing. -Procurement of 100 brooders -Hatchery equipment. 	54m	-	-	FGN/State.	Availability of 1.5m fish fingerlings per annum.	
6.	Establishment of Hatchery Complex.	Design and construction of Fish Hatchery	<ul style="list-style-type: none"> -Construction of hatchery tanks. -Construction of staff quarters -Purchase of rotors. -Fencing -Oxygen cylinders. -Construction of overhead tank. -Shade for the complex. -Completion and artesian feed. -Generator. -Construction of grown out pond. 	30m	-	-	FGN/State	Availability of 0.5m fish fingerlings.	
7.	Establishment of pilot cage culture.	Design and construction of fish cages.	<ul style="list-style-type: none"> -Netting ply 15 -Bamboo/rope -Plank -Empty drum 16 No. -Anchor. -Fish fingerlings & fish feed. 	20m	-	-	FGN/State/Private sector	Increased fish production.	
8.	Development of Ox-Bow Lakes.	Introduce Culture Based fisheries mgt practices.	<ul style="list-style-type: none"> -Improvement of existing ox-bow lakes. -channelization. -Dredging. 						

S/N	PROJECT TARGET	STRATEGIES	PROJECT/ACTIVITIES	COST (N)			IMPLEMENTING MINISTRIES	EXPECTED OUTCOMES	REMARKS
				2009	2010	2011			
			<ul style="list-style-type: none"> -Desilting. -Stocking of 5 Nos. Ox-Bow lakes/5 Nos. dam reservoirs. -Community ward lot. 	200m	-	-	FGN/State/Private sector	Increase in fish production.	
9.	Fish preservation and processing.	Introduce fisher folks to modern fish processing and preservation techniques.	<ul style="list-style-type: none"> -Purchase 100 No. fish smoking cabinets. -Establishment of 100 No. fish processing and preservation centres (2/LGA). -Purchase of 20 deep freezer/LGA. -Purchase of 15KVA Generator/LGA. -One borehole/LGA 	33m	33m	33m	FGN/State/Private sector.	Reduction in post harvest losses.	
10.	Production of fish feed, pelleting and packaging.	Establishment of Fish Feed mill.	<ul style="list-style-type: none"> -Procure 1.5 tons per hour hammer mill + pelletizer 40m -Drier. -Feed mill house. -Gen set. -Weighing scale -Raw materials -Fish & soughting and grading equipment. -Marketing shade. -Construction of block of processing centre. 	40m	20m	-	FGN/State/Private sector.	<ul style="list-style-type: none"> -Availability of high quality fish feed. -Employment opportunities. 	
11.	Establishment of Ornamental Fish Farm	Design and construction of fish farm.	<ul style="list-style-type: none"> -Construct 10 No. Earthen ponds. -Purchase breeder -Drill one borehole. -Purchase Dilators and accessories. -Medication. 	30m	-	-	FGN/State	Produce ornamental fish.	

S/N	TARGET	STRATEGIES	PROJECT/ACTIVITIES	COST(Nm)			STAKEHOLDERS	EXPECTED OUTCOMES	REMARKS
				2009	2010	2011			
12.	To make available Basic Animal Healthcare to at least 90% of the Livestock population in the State.	Strengthen the existing capacity of the State for provision of clinical and Ambulatory services for treatment of various Livestock diseases.	<p>i. Production of Comprehensive Inventory of State up to date livestock resources</p> <p>ii. Construction and equipping of Referral Veterinary Hospital in Minna.</p> <p>iii. Construction and equipping of 6 Veterinary centres at Bida, Suleja, Kontagora, Enagi, N/Bussa and Nasko.</p> <p>iv. Rehabilitation of existing clinics at Minna, Kuta, Paiko, Mokwa, Agate Rjjau, Kagara, Wushishi and New Bussa.</p>	20	-	-	FGN/State/Private sector.	<p>i. Standard Vet. Clinics established.</p> <p>ii. Improved animal Health care services.</p> <p>iii. Increased Livestock production.</p>	
13.	To achieve the sedentarisation of at least 400 households of nomadic Fulani.	Ensure capacity utilization of 3 Grazing Reserves in the State.	<p>i. Complete development of 6 Grazing Reserves at Bobi, Sheyi, and Ndadakin, Audu kanchi, Jita and Utula.</p> <p>ii. Infrastructural facilities to be provided include earth dam, Livestock service centre, Boreholes, Access road, labour line and pasture development.</p> <p>iii. Developed 900 ha of improved pastures in the Nine Grazing Reserves.</p>	840	560	280	Fed and State Govt.	<p>i. Increase availability of Livestock Feeds.</p> <p>ii. Reduction of Farmer-Fulani Conflicts.</p> <p>iii. Increased sedentarisation of pastoralist.</p> <p>Availability of feed year round for nearly 300 settled Fulani households.</p> <p>-Discourage nomadic/transhuman cc.</p> <p>-Improved quality of</p>	
				150	100	200	FGN/State/Private sector.		
				150	100	200	FGN/State/Private sector.		
				156	156	156	Fed. And Stat. Gov't.		
				150	150	150	Local/State and Federal Government		

<p>14. Improve the productivity of Animals for increased Meat, Eggs and Dairy products production.</p>	<p>To harness the Genetic potentials of exotic and improved indigenous breeds to upgrade the performance of our local breeds through Artificial Insemination Techniques</p>	<p>i. Establishment of a fully equipped Artificial Insemination centre at Sheyi Grazing Reserve. ii. Establishment of 3 Livestock Development Centres at Dabban, Kontagora and Pandogari iii. Rehabilitation of Poultry Production Unity (PPU) Minna and Nine PDHCs</p>	<p>100</p>	<p>80</p>	<p>150</p>	<p>Federal & State Govt, Local Gov't N/APRI</p>	<p>meat and Dairy products. Increase Livestock Production. i. Increased availability of improved breeds of livestock. ii. Increased Meat, Egg and Dairy production. iii. Increased income for livestock Farmers and Pastoralists.</p>
<p>15. Reduction by 80% Transborder Transmission of Livestock Diseases and other Zoonotic and Communicable Diseases</p>	<p>Strengthen Disease Monitoring and Surveillance along Livestock corridors for Animals in Transit.</p>	<p>i. Reduction in disease transmission on animal in Transit ii. Increased Livestock Trade</p>	<p>50</p>	<p>30</p>	<p>200</p>	<p>Fed State and Local Gov'ts Federal & State Gov't, Local Govts.</p>	<p>i. Reduction in disease transmission on animal in Transit ii. Increased Livestock Trade</p>

TARGET	STRATEGIES	PROJECT/ACTIVITIES	COST IMPLICATION			STAKEHOLDERS	EXPECTED OUTCOMES	REMARKS
N/S		<p>S</p> <p>ii. Construction of the Sabon-Wuse Control Post and 4 other intra State Control Posts at Marriga, Tugan Bunu, T/Mallam and Lanbatta</p> <p>iii. Rehabilitation of 200 km inter State Stock route</p>	30	65	30	Federal & State Gov't/Private Sector	<p>iii. Increased income for livestock Traders</p> <p>iv. Restoration of Statutory function of Control Posts.</p>	
16.	Develop an International Livestock Market with all necessary Infrastructures to accommodate 10,000 animals	<p>i. Land acquisition, delineation, clearance and provision of infrastructures such as office complex, Vet. Clinic, earth line and residential quarters</p> <p>ii. Development of other support facilities such as Boreholes, overhead Tank lairage, electricity, Abattoir, Fire fighting office and vehicles Toll plaza etc</p> <p>Attract and ensure Private Sector participation to stimulate real investment and economic activities in area of Livestock Trade, Meat Processing, Banking and Hospitality industry.</p>	3bn	-	-	Federal & State Gov't/Private Sector	<p>Wealth creation and Employment generation</p> <p>ii. Increased International Trade</p> <p>iii. Increased Revenue Generation</p>	

N/S	TARGET	STRATEGIES	PROJECT/ACTIVITIES	2009	2010	2011	STAKEHOLDERS	EXPECTED OUTCOMES	REMARKS
17.	Ensure provision of wholesome meat to 90% of populace in Urban and semi urban areas and export beef and beef by products	<p>i. Establishment of Modern Abattoirs with ancillary structures</p> <p>ii. Ensuring proper ante and post-mortem examinations, slaughtering procedures and delivery to point of sales in conventional meat vans.</p> <p>iii. Provision of cold storage at strategic locations statewide</p> <p>iv. Repositioning of leather technology and related activity of hides and skin.</p>	<p>a. Establishment of a city/airport Abattoir project in Minna.</p> <p>b. Construction of modern abattoir with adjoining cold storage and two meat vans each at Minna, Bida, Sulcja and Kontagora.</p> <p>c. Revitalization of Tanneries for hides and skin. Building of sheds and hanges in all LGA Headquarters.</p>	300	200	100	State/Development Partners	<p>- Improved Supply of Hygienic Meat and Products to about 90% Of Nigerlites</p> <p>- Eliminate/Control the spread of Zoonotic Diseases</p> <p>- Supply Of Meat To Other States And Exportation of Meat Realized</p> <p>- Tannery Established in Minna</p> <p>- Job creation.</p>	
				400	500	320	State and Local Government		
				10	2.5	-	State		

iv. FORESTRY SECTOR

S/N	OBJECTIVE/TARGET	STRATEGIES	PROJECT/ACTIVITIES	COST (N)			STAKEHOLDERS	EXPECTED OUTCOMES	REMARKS
				2009	2010	2011			
1	Production of 25 million seedlings	Establishment of Nurseries(Two feeder nurseries and 10 supportive)	Sinking of bore holes, fencing, raising assorted seedlings.	20m	25m	25m	FGN/State /Private sector	Facilitating Afforestation Programmes and Amelioration of climate change.	
2	Water shed Management	Establishment of Water shed Plantations along identified water bodies in the State	Planting around water catchments Areas	18m	14m	14m	FGN,STATE,LGAS	Raising Watershed Plantation for 975 ha and protection against siltation and Evapo-transpiration	
3	Establishment of Neem Based Factory	Promotion of Public Private Partnership	Establishment of Neem Plantation and Neem Product Processing Factory	17.5m	17.5m	17.5m	FGN,STATE,LGAS	Availability of Fertilizers, herbicides, etc	
4	Establishment of special Forest plantation	Establishment of special plantation	Planting shea butter, Gum Arabic ,Jatropha ,etc	20m	20m	20m	FGN,STATE ,LGAS	Economic Empowerment for the citizenry	

V. LAND & HOUSING/WATER RESOURCES SECTORS

S/N	OBJECTIVE/TARGET	STRATEGIES	PROJECT/ACTIVITIES	COST (N)		STAKEHOLDERS	EXPECTED OUTCOMES	REMARKS
				2009	2010			
1	Water Supply Projects	Raw Water Transfer, Construction of Dam, 1,000 boreholes to improve water supply in towns, villages and for irrigation purposes	<p>i. Rural water supply through the provision of 1,000 boreholes.</p> <p>ii. Construction of a new dam at Ugba to serve Minna.</p> <p>iii. Raw water transfer from Nupeko to Bida for irrigation purposes</p>	1.0b		State, FGN & LGs	Provision of raw water for agricultural purposes (irrigation, L/stock and Fisheries) and domestic use.	
				5.0b				
				2.4b		State, FGN & LGs	Enhanced production of crops especially rice and vegetables.	
2	Cadastral Mapping	<p>i. Production of soil nutrient maps for agricultural purposes.</p> <p>ii. Provision of Title Deeds for Agricultural lands.</p>	<p>i. Perimeter and Topographical survey of 305Ha in each of the 25LGAs in Niger State.</p> <p>ii. Perimeter & Topographical Mapping of 400,000 ha of farm land in Niger State for commercial farming.</p>	128.20m	113.93m	State, FGN & LGs	Transformation of Farm Institutes to Farm Settlements. Provision of Title Deeds for farmlands Facilitate use of farmlands as collaterals for credits facilitate the take off of commercial farming in Niger State.	
				4.6b	4.8b	State, FGN & LGs		

S/N	OBJECTIVE/TARGET	STRATEGIES	PROJECT/ACTIVITIES	COST (N)			STAKEHOLDERS	EXPECTED OUTCOMES	REMARKS
				2009	2010	2011			
			<p>S</p> <p>iii. Environmental Impact Assessment including soil analysis for commercial farming and farm settlements</p>	15.05m	15.00m		State, FGN & LGs		

**COST IMPLICATION OF FINANCING NIGER STATE PROPOSED CORE PROGRAMMES FOR INTERVENTION
A. AGRICULTURE AND RURAL DEVELOPMENT SECTOR**

S/N	PROJECT/ACTIVITIES	COST IMPLICATION(₦)			TOTAL (₦)	SOURCE OF FINANCING
		2009	2010	2011		
01.	Production of Master plan for Agricultural Development.	300m	-	-	300m	State & FGN
02.	Farm settlement & Youth in Agriculture	250m	150m	100m	500m	State & FGN
03.	Procurement of 6 Nos Bull dozers and 2 No Low beds	90m	80m	70m	240m	State & FGN
04.	Procurement of 4Nos Rome ploughs	8.3m	8.3m	8.3m	24.9m	State & FGN
05.	Procurement of 1,000 Nos. Tractors and implements	1.005b	1.006b	1.006bn	3.018b	State & FGN
06.	Procurement 150 Nos. planters	60m	45m	45m	150m	State & FGN
07.	Procurement of 150 Nos. Broadcasters	100m	100m	100m	300m	State & FGN

	PROJECT/ACTIVITIES	COST IMPLICATION(₦)			TOTAL(₦)	SOURCE OF FINANCING
		2009	2010	2011		
08.	Procurement of 150 Boom sprayers	200m	50m	50m	300m	State & FGN
09.	Procurement of 12 Nos. Harvesters	76m	76m	76m	228.m	State & FGN
10.	Rehabilitation of workshops at Minna, K/gora & Bida.	37m	37m	37m	111m	State & FGN
11.	Construction and equipping of new workshops in the 25 L.G.A	75m	50m	50m	175m	State & FGN
12.	Rehabilitation of Irrigation schemes	2.86b	2.6b	1.8b	7.2b	State & FGN
13.	Development of Mambe & Baddegi Flood Plains	2.16b	3.62b	1.32b	7.10b	State & FGN

S/N	PROJECT/ACTIVITIES	COST IMPLICATION(₦)			TOTAL(₦)	SOURCE OF FINANCING
		2009	2010	2011		
14.	Reactivation of Niger Fertilizer company	300m	-	-	300m	State & FGN
15.	Procurement of 1,200mt of seeds & Planting Materials annually	22m	50m	50m	122m	State & FGN
16.	Procurement of assorted Agro-chemicals	25m	45m	60m	130m	State& FGN
17.	Construction/ Rehabilitation of Farm Service Centres	480m	300m	200m	980m	State & FGN
18.	Establishment of Seed Multiplication Centre & Soil Testing Laboratory	56m	-	-	56m	State & FGN
19.	Rehabilitation & expansion of the three Farm Institutes(Farm Settlements)	100m	50m	50m	200m	State & FGN

S/NO	PROJECT/ACTIVITIES	COST IMPLICATION(₦)			TOTAL(₦)	SOURCE OF FINANCING
		2009	2010	2011		
20.	Establishment of School for Tractor Operators and Mechanics at Agate	40m	20m	20m	80m	State & FGN
21.	Establishment of 9 new Farm Settlements	300m	300m	300m	900m	State & FGN
22.	Establishment of Agro-parks at Bida, Minna and Kontagora to process Rice, cassava, Vegetables, livestock etc	1.0b	1.0b	1.0b	3.0b	State & FGN
23.	Repair of Wushishi, Kutigi, Pandogari, Salka and Baddegi, and the establishment of additional grain silos in the state	1.0b	500m	500m	2.0b	State & FGN

S/NO	PROJECT/ACTIVITIES	COST IMPLICATION (₦)			TOTAL(₦)	SOURCE OF FINANCING
		2009	2010	2011		
24.	Provision of logistics, training equipment for over 5,267 extension agents	148.2m	148.2m	148.2m	444.6m	State & FGN
25.	Purchase of motor cycles (625)	50m	-	-	50m	State & FGN
26.	Refurbishing of 30 pick-up vans & purchase of 10 new ones	80m	90m	80m	250m	State & FGN
27.	Purchase of working tools (625)	6.2m	6.2m	6.2m	186m	State & FGN
28.	Information communication support & e-Extension	19m	19m	19m	57m	State & FGN

S/NO	PROJECT/ACTIVITIES	COST IMPLICATION (₦)			TOTAL(₦)	SOURCE OF FINANCING
		2009	2010	2011		
29.	Toll free line Establishment	9m	9m	9m	27m	State & FGN
30.	Renovation and construction of Farm Houses	80m	80m	80m	240m	State & FGN
31.	Hard line allowances for EAs Supervisors	17.5m 2.4m	17.5m 2.4m	17.5m 2.4m	52.4m 7.2m	State & FGN
32.	Commercial Agriculture	2.0b	2.0b	-	4.0b	State & FGN
33.	Establishment of Marketing Boards	500m	-	-	500m	State & FGN
34.	Proposal for Youth Engagement under the State Social Security Scheme	45.7m	45.7m	45.7m	137.1m	State & FGN
35.	Purchase of 15 No. slashers	5m	5m	5m	15m	State & FGN
36.	Construction and Rehabilitation of 560km Rural Feeder Roads	800m	600m	600m	2b	State & FGN
37	Establishment of Agro-parks at Bida, Minna and Kontagora	1.0b	1.0b	1.0b	3.0b	STATE & FGN
	Sub -Total	15.31b	14.11b	8.86b	38.27b	STATE & FGN

B. LIVESTOCK SECTOR

S/NO	PROJECT/ACTIVITIES	COST IMPLICATION (₦m)			TOTAL (₦m)	SOURCE OF FUNDING
		2009	2010	2011		
1	Comprehensive inventory of State's Livestock Resources	20	-	-	20	Federal and State Governments
2	Construction and Equipping of Veterinary Referral Hospital	300	100	80	480	-do-
3	Construction and Equipping of Vet. Centres at Bida, Suleja, Kontagora, Enagi, N/Bussa and Nasko	500	150	150	800	-do-
4	Rehabilitation of Eight existing clinics at Minna, Kuta, Paiko, Mokwa, Agaie, Rijau, Wushishi and Kagara	150	100	200	450	-do-
5	Development of 6 Grazing Reserves at Bobi, Sheyi, Ndadakun, Audu kenchi, Jita and Utula	840	560	280	1,680	-do-
6	Survey, Demarcation and Gazettement of Nine Grazing Reserves	156	156	156	468	-do-
7	Establishment of 900ha improved pasture in 9 Grazing reserves	150	150	150	450	-do-
8	Establishment of Artificial Insemination Center at Sheyi Grazing Reserve	100	80	150	330	-do-
9	Establishment of 3 Livestock Development Centers	50	50	50	150	-do-
10	Rehabilitation of Pilot Poultry Production Unit, Minna and 9 PDHC's.	100	78	200	378	Federal and State Governments
11	Rehabilitation of State section of Jebba Control Post	50	30	20	100	-do-
12	Construction of S/Wuse Control Post and 4 other Interstate posts	30	65	30	125	-do-
13	Rehabilitation of 200Km Interstate Stock route	30	30	40	100	-do-
14	Development of International Livestock Market at Mokwa	3,000	1,000	1,500	5,500	-do-

15	Establishment of Minna City Airport Project	300	200	100	600	-do-
16	Construction of Modern Abattoirs in Minna, Bida, Suleja, and Kontagora	400	500	300	1,200	-do-
16	Establishment of Tanneries for Hides and Skins	10	2.5	-	12.5	-do-
	Sub- Total	6.186	3,251.5	3,406	12,843.5	

C.FISHERY SECTOR

S/NO	PROJECT/ACTIVITIES	COST IMPLICATION (₦.m)			TOTAL (₦m)	SOURCE OF FUNDING
		2009	2010	2011		
1	Procurement of Surveillance Boats and Out Board Engines	50	42	30	122	Federal and State Governments
2	Procurement of Fingerlings for Restocking of State's water bodies	100	100	100	300	-do-
3	Conduct of Diagnostic surveys	10	-	-	10	Federal and State Governments
4	Fish stock Assessment, Fish catch and Frame surveys	30	-	-	30	-do-
5	Procurement of assorted Fishing Inputs	283	182	102	567	-do-
6	Establishment of pilot Fish Farms in 25 LGA's	72	72	56	200	-do-
7	Completion of Tagwai Fish Hatchery	54	-	-	54	-do-
8	Design and Construction of New Hatchery	-	30	-	30	-do-
9	Establishment of pilot Fish Cage Culture	200	-	-	200	-do-
10	Procurement of Facilities and Equipment for introduction of Modern Fish processing and Preservation Techniques	33	33	33	99	-do-
11	Establishment of Fish Feed Mill	40	20	-	60	-do-
12	Design and Construction of Ornamental Fish Farm	30	-	-	30	-do-
	Sub-Total	902	479	321	1,702	-do-

D.FORESTRY SECTOR

S/NO	PROJECT/ACTIVITIES	COST IMPLICATION (₹m)			TOTAL (₹m)	SOURCE OF FUNDING
		2009	2010	2011		
1	Production of 25million seedlings	20m	25m	25m	70m	Federal and State Governments
2	Watershed Management	18m	14m	14m	46m	Federal and State Governments
3	Development of Neem Based Factory	17.5m	17.5m	17.5m	52.5m	Federal and State Governments
4	Exploitation of Special Forest Plantations	20m	20m	20m	60m	Federal and State Governments
	Sub-Total (Forestry)	75.5m	76.5m	76.5m	228.5m	Federal and State Governments

E. LANDS AND HOUSING/WATER RESOURCES SECTORS

S/NO	PROJECT/ACTIVITIES	COST IMPLICATION (₦m)			TOTAL (₦m)	SOURCE OF FUNDING
		2009	2010	2011		
1	Rural Water Supply Projects	2.4b	2.5b	2.5b	7.4b	Federal and State Governments
2	Cadastral Mapping: Perimeter Survey and Topographical Mapping of various Sites	2.4b	2.5b	2.5b	7.4b	Federal and State Governments
	Sub-Total (Forestry)	75.5m	76.5m	76.5m	228.5m	
	Sub-Total (Livestock)	6.186b	3.251b	3.406b	12.844b	Federal and State Governments
	Sub-Total (Fisheries)	902m	479m	321m	1.702b	Federal and State Governments
	Sub-Total (Agric & Rural Devt.)	15.31b	14.11b	8.855b	38.27b	Federal and State Governments
	Sub-Total (Water Resources/ Land & Housing)	4.8b	5.0b	5.0b	14.8b	Federal and State Governments
	Grand-Total	27.27b	22.92b	17.66b	67.85b	Federal and State Governments