

Generating Employment Opportunities Through Agriculture

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SKILL DEVELOPMENT | ACCESS TO FINANCE | INNOVATION

EMPLOYMENT SUMMIT

GENERATING EMPLOYMENT OPPORTUNITIES THROUGH AGRICULTURE

Conference Theme

**SHOWCASING LEADING
PRACTICES FOR JOB CREATION**

INTRODUCTION

- Nigeria's population will grow swiftly and transform extensively in the next three decades.
- Between 2015 and 2050 the population will double to almost 400 million and the number people living in urban areas will triple from the current 94 million to 280 million.
- GDP per capita will almost triple up to around 7137 USD PPP.
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- The UN claims that Food Production must double by 2050 to meet the demand of the world's growing population.

INTRODUCTION CONT'D

The Woes of Oil



- Our over - concentration of economy on oil and oil-allied products has caused Nigeria to remain poverty trapped. Currently shamefully tagged the poverty capital of the world.
- In order for us to break this jinx, we must look elsewhere.
- Agriculture (whether Livestock, Aquaculture or Crops) remains a veritable way of escape for us, unfortunately this is being currently sufficiently untapped.

INTRODUCTION CONT'D

- For the purpose of sustainability, the role of agriculture cannot be over - emphasized.
- Hence, the sensitization of farmers and youths to take Agriculture as a business in order to transform it from subsistence production to commercial and profitable business.
- Several opportunities abound in agriculture because each of the agricultural enterprises has various value chains, which if properly explored, presents great opportunities that are income yielding and very viable.

INTRODUCTION CONT'D

Uniqueness of Lagos State:-

- ✓ Population
- ✓ Land Space
- ✓ Economic Activities
- ✓ Demand for Food
- ✓ Food Security
- ✓ Good Governance
- ✓ Rural Urban Migration



INTRODUCTION CONT'D

- The UN claims that Food Production must double by 2050 to meet the demand of the world's growing population.
- However, most of the Agricultural farmland is already in use, so increased food production will require extending intensive farming methods .

The current statistic of local food production in Lagos State, with its population of over 22 million, is placed at 18% of the food demand. Over 80% of the food needs of Lagosians are provided from outside the State.

This gap presents a window of opportunities which if properly harnessed, could be a goldmine for the teeming youths and other players in the agricultural sphere.

Supply and Demand of Agricultural Produce in Lagos State

S/N	Item	Local Production (MT)	Demand (MT)	Shortfall/ Gap (MT)
1.	Rice	63,900	4,200,000	4,136,100
2.	Cassava	1,470,040	10,500,000	9,030,000
3.	Yam	90	250,000	249,910
4.	Tomato	29,980	700,000	670,020
5.	Cowpea	1,480	315,000	313,520
6.	Maize	188,340	660,000	471,660
7.	Coconut	182,000	378,000	103,500
8.	Beef	280,800 (Processed)	343,200	51,168
9.	Mutton	11,232		
10.	Fish	155,262	374,000	218,738
11.	Poultry (Egg)	213.2	280	66.8
12.	Poultry (Broiler)	72,000	260,000	188,000
13.	Pig	6,190	123.4	(6,066.6)

AGRICULTURAL PROFILE OF LAGOS STATE

GEOGRAPHICAL DATA

- Total Land Area of the State: 347,500 Hectares
- Swamp and Water bodies: 75,755 Hectares
- Cultivable Area in the State: 169,613 Hectares
- Area under Cultivation: 50,884 Hectares

• AGRICULTURAL DEMOGRAPHY

- 180km Atlantic Ocean coast line (Fishing, Coconut & Tourism)
- 6,500/Km² Population density
- 45% rural dwellers
- Agriculture employs 70% of rural population
- Extension services supporting 350,000 farming families
- Urban agriculture predominant in fish farming, horticulture and vegetable farming

COMPOSITION OF MAJOR FARMING ACTIVITIES IN LAGOS STATE

Agro – Processing/ Value Addition:

- 11%
- Fish Farming:
- 31%
- Livestock Farming:
- 24%
- Crop Farming
- 34%

Lagos State has a Vision that is part of the Sustainable Development Goals



MoA Keys into the following Sustainable Development Goals



- The **THEMES Agenda** of Lagos State's present administration led to the Ministry of Agriculture's vision of ***Making Lagos State a 21st Century Economy through Agriculture.***
- This vision is in turn behind the **Ministry's Five – Year Road Map** to ensure agricultural productivity at the upstream, midstream and downstream sectors of seven value chains and services where the State has competitive and comparative advantage.

POTENTIALS

- Strategically, the efforts of the Ministry of Agriculture is geared towards areas of livestock, fisheries, rice and vegetable production where the State has comparative and competitive advantage with diverse investment opportunities and emphasis on value addition.
- These opportunities can be accessed by discerning investors through keying into numerous Government programmes that are deliberately created to facilitate profitable agricultural investments.

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Summary of Agricultural Opportunities and Potentials

Crops <ul style="list-style-type: none"> • Rice • Vegetable • Coconut • Value Addition 	Livestock <ul style="list-style-type: none"> • Poultry • Ruminants • Abattoir Development
Fisheries <ul style="list-style-type: none"> • Fish farm Estates • Cage and Pen Culture • Artisanal Fisheries 	Agro-Processing <ul style="list-style-type: none"> • Tubers processing • Other crops processing • Forestry by-products
Packaging and Marketing	Strategic Food Storage <ul style="list-style-type: none"> • Silo construction • Agro-Parks
Input Supply	Food Safety and Hygiene

Direct relationship between poverty and unemployment

- Unemployment and poverty are **Siamese twins**
- Wherever unemployment abound, poverty becomes inevitable
- There is a direct relationship and correlation between poverty and unemployment.
- Unemployment and the poverty are two major challenges that are facing the world at present (and Lagos State is not immuned).
- Unemployment leads to poverty and in turn, poverty leads to unemployment.





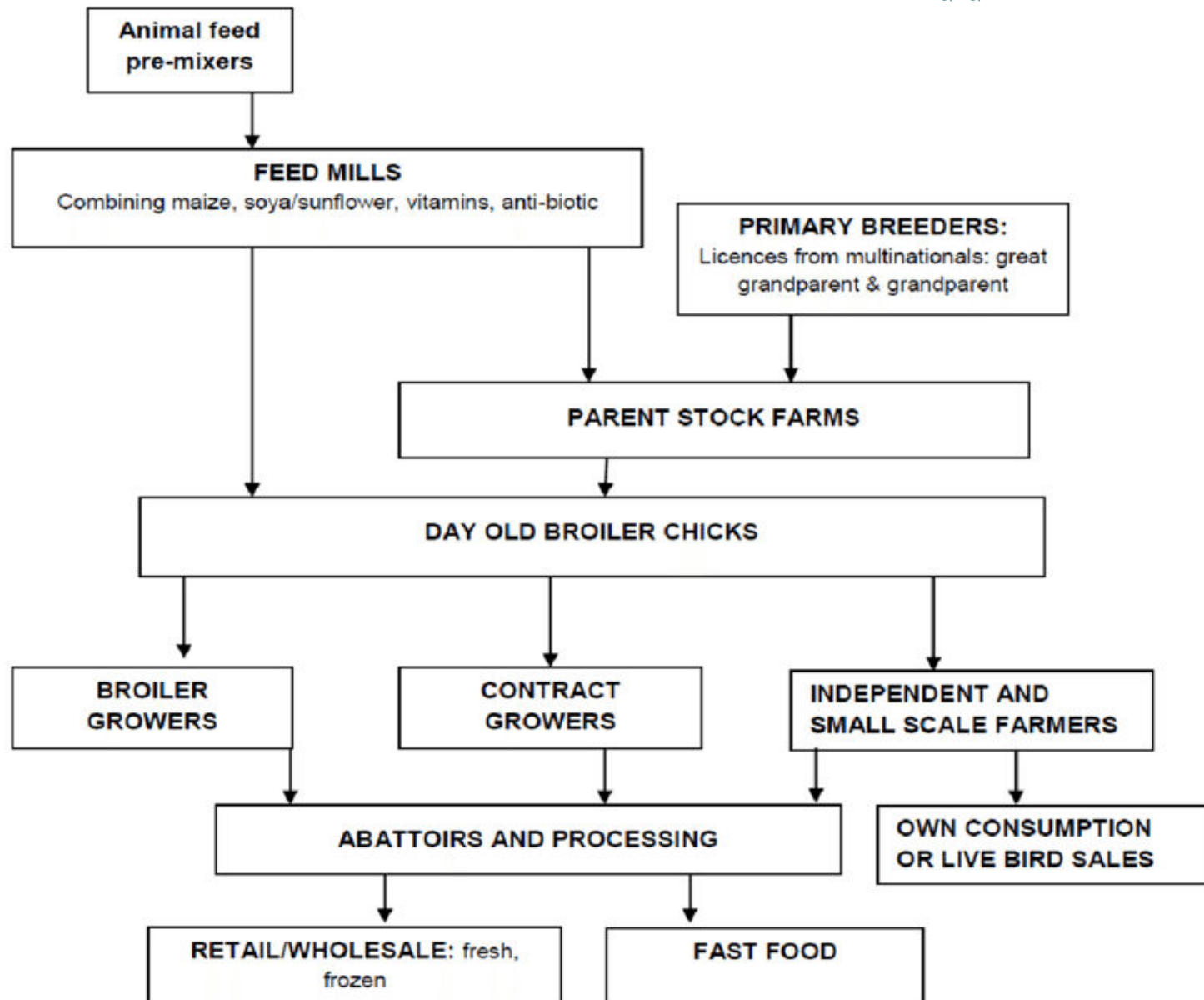
- Poverty is a sign of unemployment, which in turn leads to financial crisis, hunger, gloom, indebtedness, crime, prostitution, etc.
- An unemployed person has no means to earn money and cannot fulfil his own and his families basic needs. He and his family cannot avail quality education, medical facilities and have no means to create income earning assets.
- Actions of policymakers should therefore be directed at creating **vocational skill programmes** to aid curbing of unemployment problem.

Ladder of Opportunities in the Poultry Value Chain

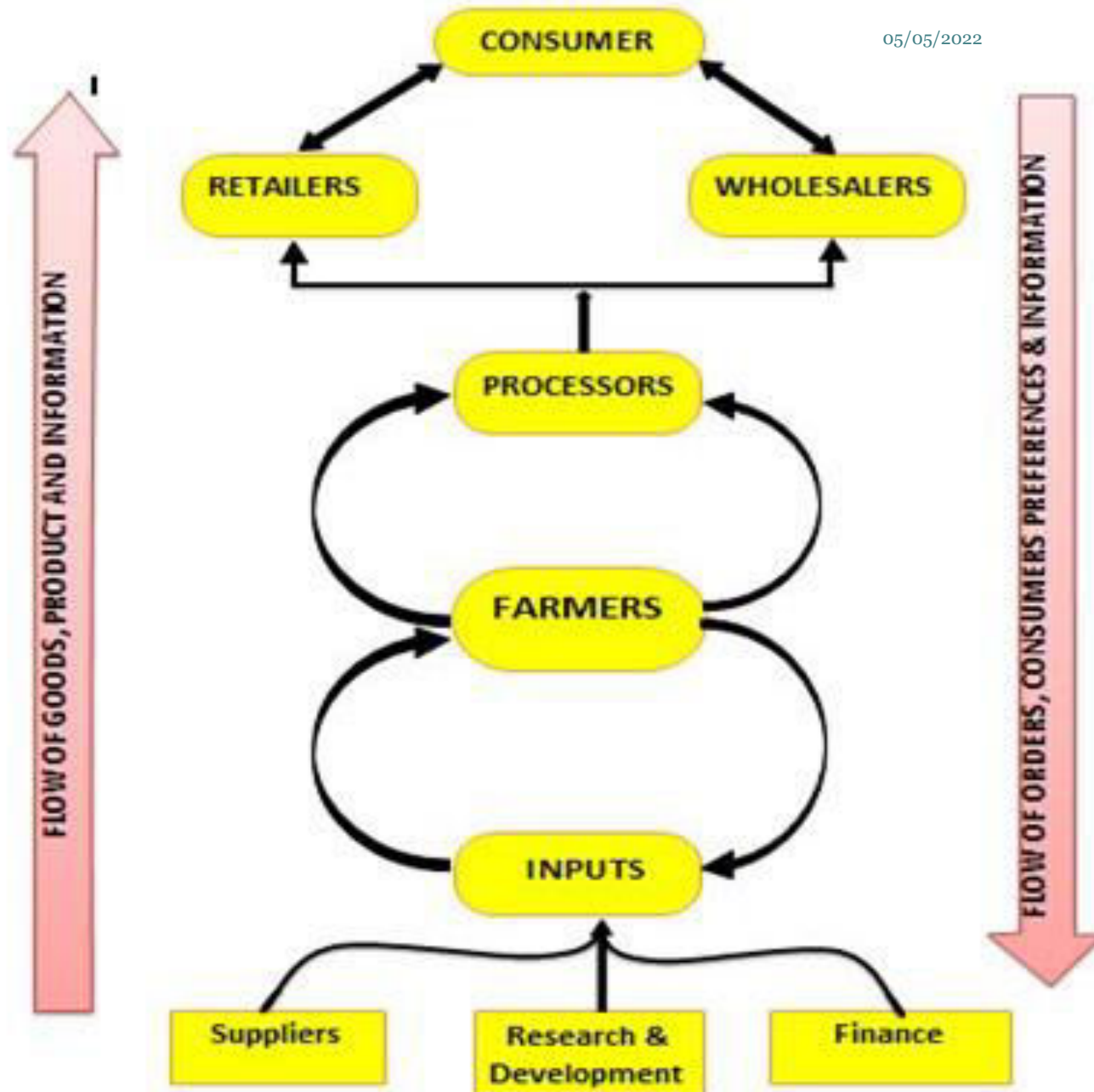


- ✓ Breeders / Hatcheries
- ✓ Rearing (DOC for Table Meat / POL for Layers)
- ✓ Egg Marketing
- ✓ Marketing of Old Layers
- ✓ Broiler Processing
- ✓ Transportation of Animals and Inputs
- ✓ Feed Mill (work force – Commercial Millers & Toll Millers)
- ✓ Raw Material Input Suppliers / Importers (Maize, Sorghum, Wheat, W/Offal, Cassava, Soya Beans, GNC, PKC, Salt, Fish Meal, Premixes, Amino Acids – Lysine, Methionine)
- ✓ Direct / Contract Crop Producers / Growers (e.g. Grains)
- ✓ Engineers / Technicians (manufacturing, repair of machineries, fabrication)
- ✓ Animal Health Manager (Veterinary Doctors, Animal Scientists, Extension Workers)
- ✓ Nutritionists – for feed formulation
- ✓ Pest Controllers
- ✓ Waste to Wealth/ Manure Management (conversion to gas)

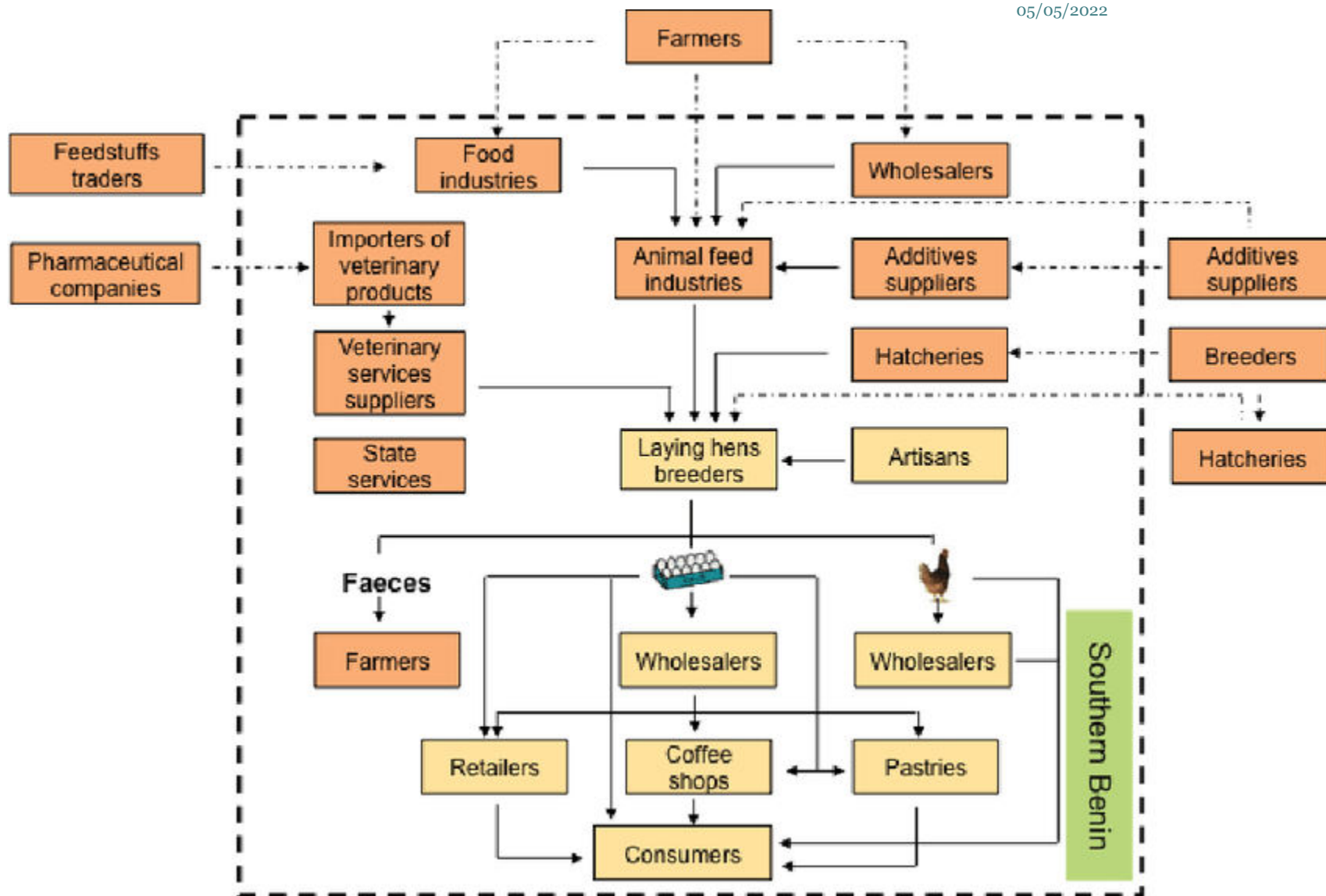
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Opportunities in the Poultry Value Chain:-

- Prospective Investors can apply for land from the Agricultural Land Holdings Authority (ALHA) to establish small, medium and large scale poultry business.
- Farmers in the poultry business can raise Day Old Chicks (DOCs), process their poultry feeds and meat at the Lagos State Ministry of Agriculture's Poultry Feed Milling and Processing Centre at Erikorodo in Ikorodu which has a:
 - * 15,000 capacity brooding house
 - * 2.5 tonne per hour feedmill capacity
 - * 250 birds per hour processing facility
- There are opportunities in Egg Powder production given the over 60 million fresh eggs that are produced annually in the State.

Opportunities in Abattoirs & Cattle Lairages

- Meat Inspectors
- Blood Meal Processing
- Hides and Skin
- Hooves and Horns
- Private Security Organisations
- Sanitation Workers
- Fresh Meat Sellers
- Meat Processing/ Frozen Food Sellers
- Operators
- Labour
- Management
- Distribution
- Veterinary Doctors



Lagos Abattoir

	Direct Jobs	Indirect Jobs	Induced jobs	Total
Abattoir	100	255	126	481

The recent 3-pronged approach in the Red Meat Value Chain tagged “ATM” is another avenue for employment generation in this livestock sector.

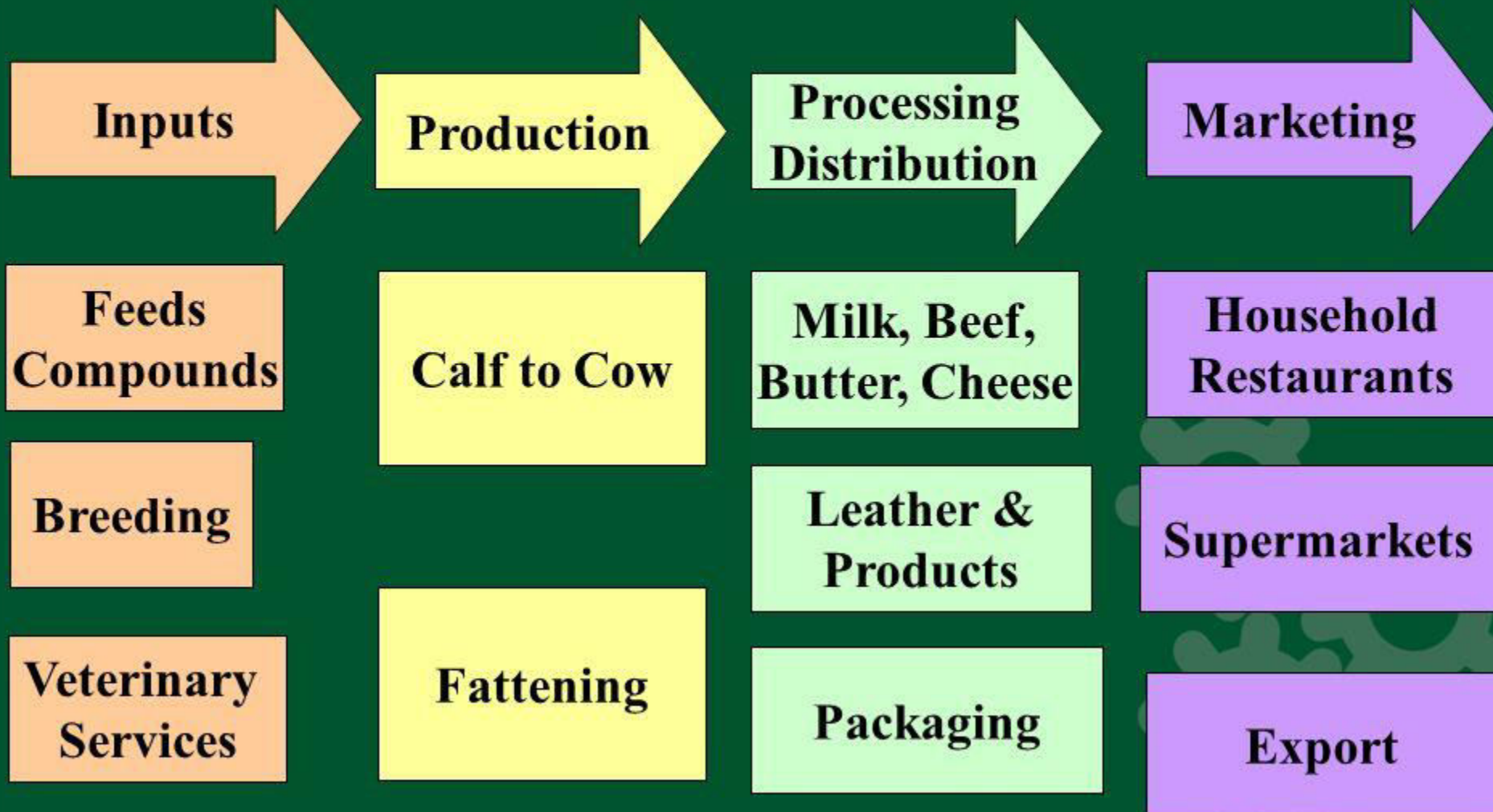
The acronym means Abattoir, Transportation and Market.

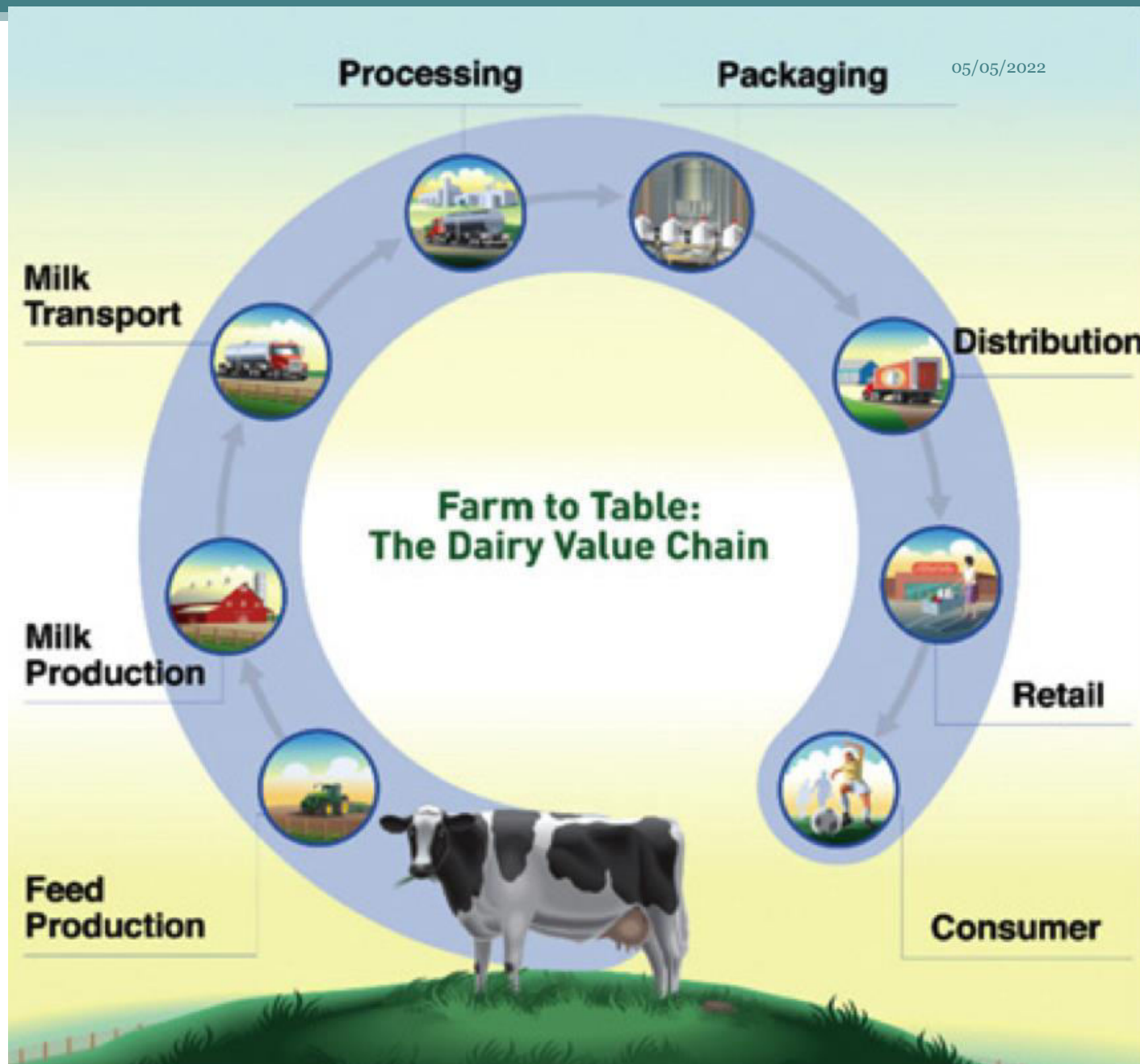
There is an ample opportunity in the abattoir section whereby unemployed youths can be gainfully engaged.



Transportation of the red meat and the personnel can equally be harnessed, while the marketing of the various products of the abattoir is also open to interested people especially the youths.

Livestock and Dairy value chain





Opportunities in the Fish Value Chain

- The Nigeria **Fisheries sub - sector** contributes about 3 - 4 percent to the country's annual GDP and is an important contributor to the population's nutritional requirements, constituting about 50 percent of animal protein intake.
- In addition, the sub-sector generates employment and income for a significant number of artisanal fishermen and small traders.



Opportunities in the Fish Value Chain

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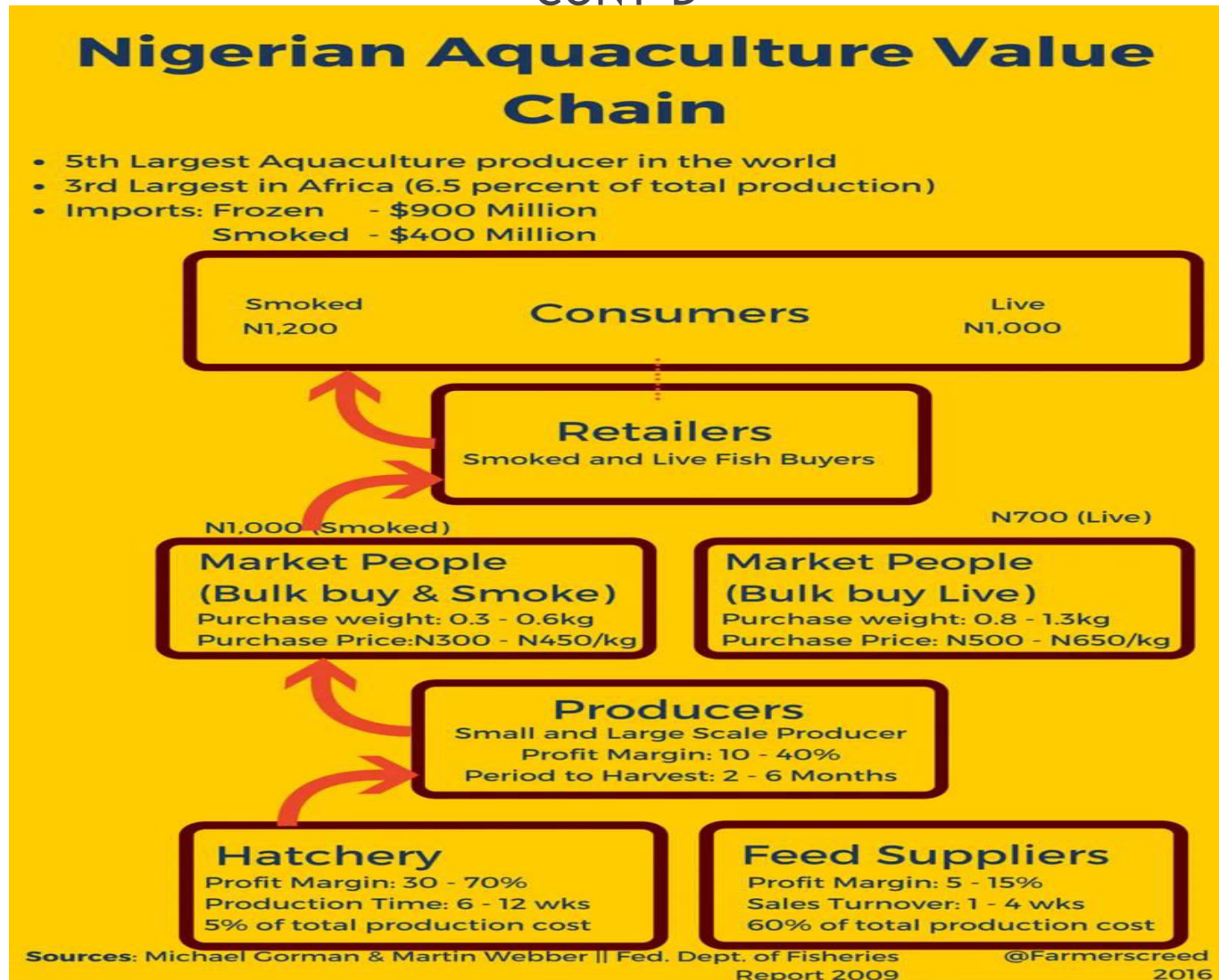
CONT'D

- To reduce the level of fish imports and in consonance with the findings of FOA, aquaculture has been selected as one of the priority value chains targeted for development and employment by the Lagos State Government in her 5 - Year Road Map.



Opportunities in the Fish Value Chain

CONT'D



Opportunities in the Rice Value Chain

RICE PADDY PRODUCTION:-

- On an annual basis, 200,000 tonnes of paddy would be required to feed the new 32MTPH Lagos State Rice Mill to be established **at Imota, Ikorodu LGA by the 3rd quarter of Y2020.**
- This translates to more than 30,000 hectares of farm land over two crop cycles, of 3 tonnes per hectare
- Roughly 20,000 small and medium farmers would be required to fulfil the demand
- It is expected that over **267,580 new jobs will be created in the Rice Value Chain through the sales and distribution of LAKE Rice, the multiplication of improved planting materials, as well as, the establishment of the new 32MTPH Rice Mill.**



Rice Mill Operations

- Direct Jobs
 - The rice mill direct employment of
 - Operators
 - Labour
 - Management
 - Distribution



Rice Paddy Production Jobs Impact

	Direct Jobs	Indirect Jobs	Induced jobs	Total
Farmers (Paddy)	20 000	14 880	10 440	45 320



Rice Mill Operations

	Direct Jobs	Indirect Jobs	Induced jobs	Total
Rice Mill Staff	500	5 320	2 140	7 960



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Cultivation of Crops in Greenhouses



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Multiplication of Improved planting materials



Opportunities in Coconut Development:-

- The State has 180 Km coast line that is predominantly cultivated to coconut plantation.

Lagos State is the largest producer of Coconut, producing 7.1 million coconut fruits annually and 400,000 litres of coconut oil.

Most of the plantations are old and the Ministry of Agriculture through the Lagos State Coconut Development Authority (LASCODA) is undertaking extensive rehabilitation of the old plantation with high yielding improved seedlings.

Investment potentials in Coconut include Production, Processing and Packaging of Coconut Oil and Coconut Milk; Production of Eko Coconut Bread, Processing of Foot Mats and other derivatives of the coconut plant.

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Re - useable Plastic Crates for Fruits and Vegetables



Lagos Market (Future Project)

- Wholesale market, where farmers and traders meet to supply aricultural products
- Eko City Farmers' Market



Lagos Market (Future Project)

	Direct Jobs	Indirect Jobs	Induced jobs	Total
Lagos traders Market	400	642	468	1510



MoA Impact on Sustainable Employment

	Direct Jobs	Indirect Jobs	Induced jobs	Total
Farmers (Paddy)	20 000	14 880	10 440	45 320
Rice Mill Staff	500	5 320	2 140	7 960
Abattoir	100	255	126	481
Lagos traders Market	400	642	468	1 510
			Grand Total	55 271



Social Impact

- This is the total in terms of people who will receive a salary.
- There is still the impact on families , we calculate at 5 Family members per employee. This will give us the impact on Lagos as a city.
- $55\,271 \times 5 \text{ member per family} = 276\,355$ Citizens of Lagos are have a better life through initiatives by the Ministry of Agriculture in Lagos



Vocational Skill Programmes

- Fighting the menace of unemployment and poverty is the drive behind the previous Lagos State Agricultural Youth Empowerment Scheme (Agric - YES) and the current Lagos Agripreneurship Programme (LAP), which has just been flagged - off by the Lagos State Governor, Mr. Babajide Sanwo-Olu























































EMPLOYMENT GENERATION SCHEME IN MINISTRY OF AGRICULTUREContact information: lagosagric01@yahoo.com, info@lagosappeal.ng

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S/N	Programme	Duration	Frequency	Number of Slots	Number Previously Assisted
1	Women and Youths Empowerment under the Agro – Processing, Productivity Enhancement and Livelihood Improvement Support Project (APPEALS)	2 weeks	4 times per annum	1,700	700 trained
2	Agricultural Youth Empowerment Scheme (Lagos Agripreneurship Programme)	4 weeks	5 times	2,000	200
3	Agricultural Youth Empowerment Scheme (Agric - YES)	1 year	Annually	600	300 trained and empowered while another 300 trained and yet to be empowered
4	Agricultural Value Chain Empowerment Scheme	4 weeks	Annually	2,726	11,233 across all the Agricultural Value Chains
5	Coconut Value Chain Development				
A	Coconut Bread Empowerment Initiative	4 weeks	5 times in a year	200	100
B	Capacity Building along three main coconut products; coconut oil, activated carbon and arts & crafts	8 weeks	4 times a year	500	1,200
C	Coconut Production – Out – Growers' Scheme for Seedling Production	All year round	Annually	200	800

Where could you work?

Employers	Career Tracks
Consulting or Marketing Firms*	    
Extension Office	 
Feed & Nutrition Companies	     
Food Production Companies	      
Government	     
Breeding Facilities & Farms	      
Independent Research Labs	   
Pharmaceutical Companies	   
Sales & Distribution	   
University & Academia	      

*Consulting or Marketing Firms also encompass accounting services, non-profits, and public relations.

Conclusion:-

- The list of opportunities open to an agripreneur in the renewed drive geared towards making agriculture a revenue spinner and an employment generating medium for the youths of Lagos State and the Nation at large, is endless.
- It is therefore paramount to encourage the present teeming population of youths to embrace agriculture and explore the various opportunities available therein.

*Thank you
for Listening!*



Lagos State Ministry of Agriculture

- Making an Impact
- Your Taxes at Work
- Sustainable Future Growth