



**Nigeria  
Food  
Security**  
PROJECT

# **Nigeria** **Food** **Security** **Project**

*...Securing Nigeria's Food Future*



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## The Inspiration Behind The Project

President Bola Ahmed Tinubu declared a state of emergency on food insecurity in Nigeria to tackle the alarming increase in food prices.

The Consumer Price Index put food inflation at 30.64% on a year-on-year basis, which was 7.30% points higher, compared to the rate recorded in September 2022.

Over 25 million Nigerians are at risk of hunger if the food inflation continues. We cannot pretend it's not a problem anymore so we want to end food insecurity in Nigeria ... for good.

## What's Responsible For Food Insecurity In Nigeria?

- Insecurity
- Climate Change
- Poor Logistics Systems
- Agricultural Challenges
- Poor Tracking of Food Produce
- Multiple Taxation on the Food Supply Chain
- Storage and Processing Inefficiencies

## Why Is Food Security So Crucial?

Food security impacts different facets of life. From human security to national security, human rights and health.

## Food Security is Human Security

Ensuring food security is not just a matter of meeting nutritional needs. Making sure everyone has enough to eat is crucial for creating stable, healthy communities. If people can't get enough food, their lives are affected in enormous ways.



## How Does Food Intersect With Human Security?

At the heart of human security is that everyone deserves to have their basic needs met, including food. If food security is lacking, people face hunger and health problems, making life tough. When people can't find enough to eat, they become more vulnerable to all sorts of threats, including violence and exploitation.

## Food Security and National Security

Food insecurity affects social stability, economic prosperity, and political legitimacy, making it a cross-cutting issue that influences multiple aspects of national security.

Hike in food prices often leads to social unrest, protests, and even conflict. reduced productivity, and increased poverty, Most importantly, a nation without a resilient food supply cannot withstand and recover from adverse events like natural disasters and economic shocks.

## Food Security and Good Nutrition

Food security and good nutrition go hand in hand. They're like BFFs, you can't have one without the other. That is to say, Food security = sufficient, safe, and nutritious food= good nutrition.

Without reliable access to food, people cannot meet their nutritional needs, leading to malnutrition, stunted growth, and a host of health problems.

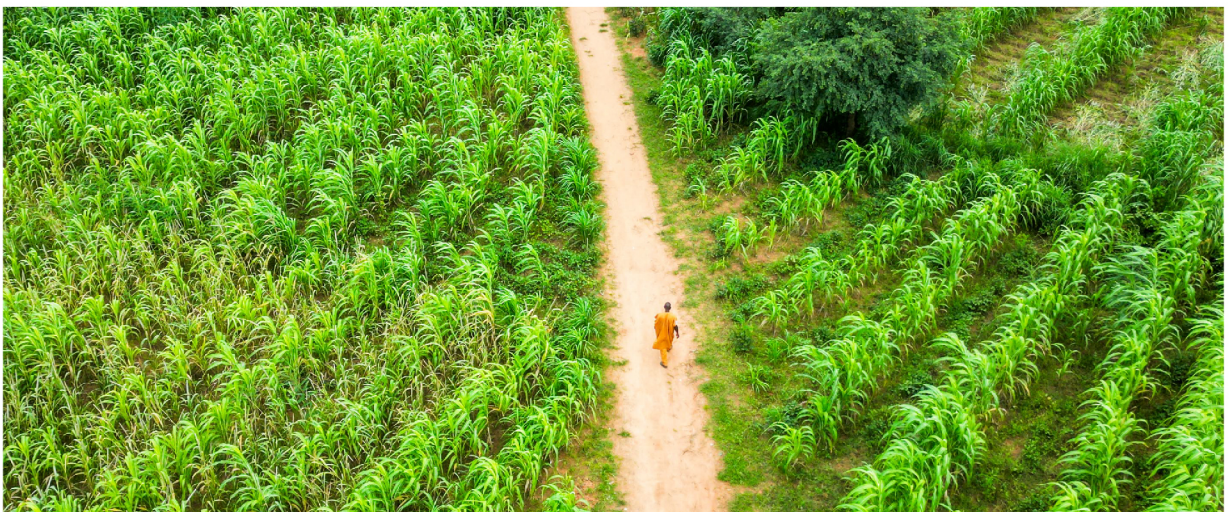
Good nutrition, encompassing a balanced and diverse diet that provides essential nutrients, is vital for physical and cognitive development, immune function, and overall health. When people lack access to nutritious food, they are more susceptible to illness, disease, and impaired cognitive abilities. This can create a vicious cycle, as poor health further hinders individuals' ability to work, learn, and contribute to society.

## Food Security and Human Rights

Eating is a fundamental human right, recognized by the Universal Declaration of Human Rights. When food security is compromised, human rights violations can occur.

### Some Of These Violations Can Include:

Denial of the right to food impaired Physical and Mental Health, increased vulnerability, exploitation, social and political instability, discrimination and inequality, and the loss of livelihoods and economic opportunities.

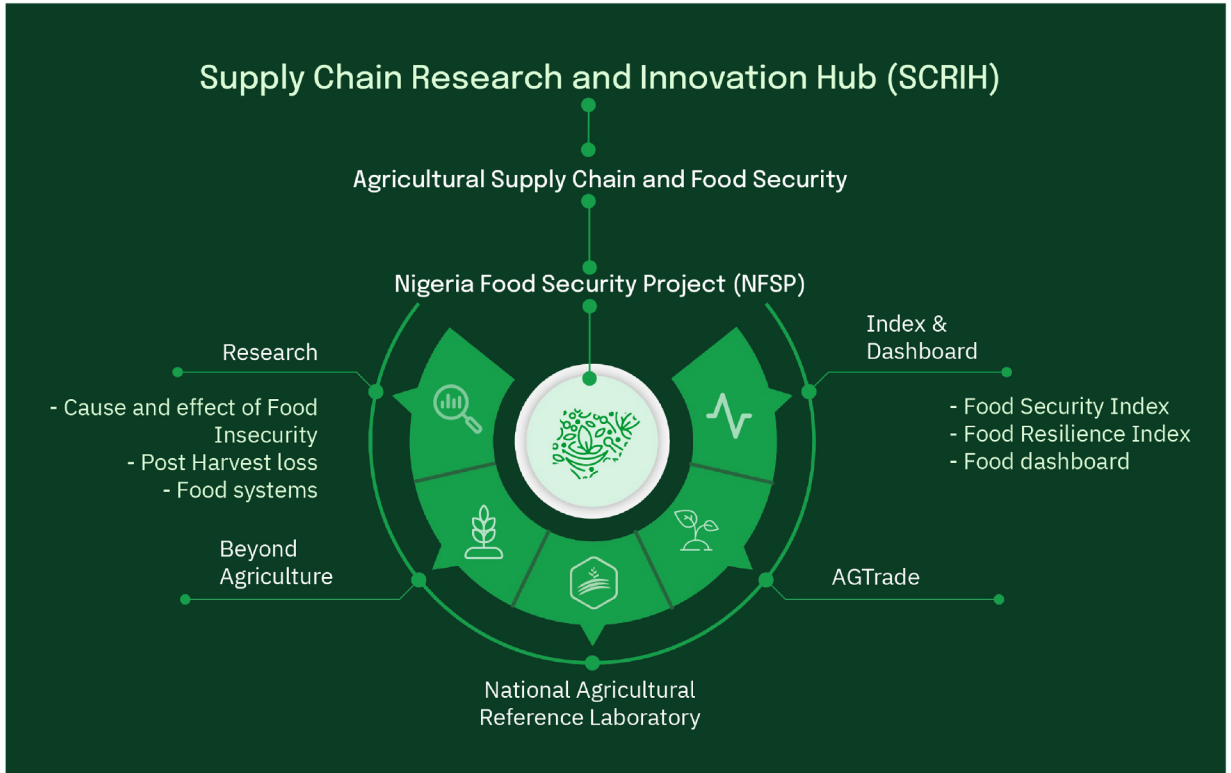




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Food  
Security  
PROJECT

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# About the Project



The Nigerian Food Security Project is a comprehensive Initiative addressing all facets of food insecurity. A joint effort of stakeholders in the food ecosystem. Food producers, local farmers, food importers, exporters, food logistics professionals and providers, transportation workers, marketers, market women, consumers, government, academia, and agriculturalists,

The Nigerian Food Security Project is elevating Nigeria’s ability to provide adequate and nutritious food for its population.

Much of the literature and research publicly available on food insecurity in Nigeria has been one-dimensional -focusing solely on agriculture.

This one-sided approach fails to recognize that food insecurity is a multi-hydrated problem requiring a multi-hydrated approach.

Food insecurity in Nigeria is about 45-50% agricultural influenced. The other percentage can be attributed to non-agricultural issues and unexplained relationships between non-economic and non-agricultural decisions.

This research will provide comprehensive data to establish the root causes of food insecurity. The research will also address the issues of food inflation, food resiliency, food integration, food mapping, and the impact of food security on national security and health-care security.

Finally, the research will highlight opportunities for government and private sector collaboration to develop the food ecosystem.



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# Our Objectives

## Objectives of the Nigeria Food Security Project

- (1.) Establish Food Security as a National Priority and advocate for food security in national security policies and frameworks.
- (2.) Promote reforms to support sustainable agricultural practices and food distribution systems.
- (3.) Develop necessary frameworks to support building Nigeria's Food Security and Resilience Measure
- (4.) Develop Food Dashboards for Nigeria and Sub-National Levels
- (5.) National Dashboard: Create a centralized dashboard to monitor food security trends and data at the national level.

## Our Pillars

These pillars work together to address the multi-faceted challenges of food security in Nigeria, aiming to ensure that all citizens have access to sufficient, safe, and nutritious food.

1. **Advocacy:** This involves promoting awareness and understanding of food security issues among various stakeholders, including government bodies, communities, and the private sector. Advocacy efforts focus on encouraging support for initiatives and policies that enhance food security and ensure equitable access to food resources.
2. **Research and Innovation:** This pillar underscores the importance of conducting research to identify challenges and opportunities within

3. **Policy:** This pillar is centered on the creation and implementation of effective policies that support food security goals. It involves working with policymakers to design regulations and frameworks that promote agricultural development, ensure food safety, and address food insecurity challenges. Effective policy-making is essential for creating an enabling environment that supports sustainable food systems.

## Our Goals

- (1.) Understand the Dynamics of Food Insecurity in Nigeria
- (2.) Develop the Nigeria Food Security Index
- (3.) Develop the Nigeria Food Resilience Index
- (4.) Develop Food Dashboards for Nigeria and Sub-National Levels
- (5.) Develop a living food security strategic plan for Nigeria
- (6.) Advocate for youthful involvement in Food Security





## Our Key Deliverables

(1.) Comprehensive report on the movement of major food produce between regions, factors that trigger food inflation as well as provide policy recommendations on food security and regional cohesion.

(2.) Clear and detailed mapping of Nigerian Food Value Chains

(3.) Nigeria Food Mapping

(3.) Complete network of problems and challenges to food security in Nigeria back with data

(4.) Major and Minor areas of opportunities for investments, collaborations, and cooperation

(6.) Raw data supporting assertions and recommendations

(7.) Continuous gathering of food data from all geopolitical zones in Nigeria to continuously monitor impact of economic, sociological change on food security



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# Our Sub- Initiatives

## Beyond Agriculture

Beyond Agriculture is an initiative set up to solve the imminent challenge of farmer non-availability in critical agricultural-producing states. Beyond Agriculture goes around Nigerian universities educating and sensitizing the younger generation about the importance of food security.

It is a platform to showcase that food security transcends agriculture alone and to highlight the multitude of stakeholders involved. Beyond Agriculture is increasing youth engagement in the food security value chain and agricultural production.

### Objectives of the Beyond Agriculture Project

#### 1. Youth as Catalysts for Change

The "Beyond Agriculture" initiative recognizes that the youth possess a unique perspective and innovative mindset. They are the catalysts for change in the realm of food security. By actively involving the younger generation, we can tap into their energy, enthusiasm, and fresh ideas to drive transformative actions. Their active participation will breathe new life into the agricultural sector, fostering sustainable practices and ensuring a prosperous future.

#### 2. Broaden the Food Security Value Chain

The "Beyond Agriculture" initiative emphasizes that food security is not solely the responsibility of farmers. It highlights the multitude of stakeholders involved, such as agribusiness entrepre-

neurs, policymakers, researchers, marketers, distributors, and consumers. By showcasing these diverse roles, the initiative broadens the perspective of agricultural students and younger generations, encouraging them to explore and contribute across the entire value chain. This diversification strengthens the resilience and effectiveness of the food security ecosystem.

#### 3. Harness technological advancement

The youth of today are digital natives, well-versed in technology and its potential. The "Beyond Agriculture" initiative recognizes this and advocates for the integration of technology in all aspects of the food security value chain. From precision farming and data analytics to e-commerce platforms and supply chain management, technological advancements can revolutionize agricultural production. By empowering the youth to harness these innovations, we unlock the potential for increased productivity, efficiency, and sustainability.

#### 4. Build a sustainable future

Engaging the younger generation in the food security value chain is not just about immediate benefits; it is about forging a sustainable future. By providing agricultural students and young individuals with the necessary knowledge, skills, and resources, we enable them to shape the destiny of the agricultural sector. Through their active involvement in entrepreneurship, research, policy advocacy, and community engagement, they become agents of change, driving sustainable practices and ensuring long-term food security.

## Our Event at The University of Abuja



## About Agtrade

Agtrade is a digital platform that provides daily updates on the prices of agricultural commodities across various regions in Nigeria. It serves as a reliable source of information for farmers, traders, and other stakeholders in the agricultural sector, helping them make informed decisions based on current market trends



## National Agricultural Reference Laboratory (NARL)

The establishment of the NARL is critical to transforming Nigeria's food security ecosystem and, by extension, enhancing national security. This laboratory will serve as a cornerstone for achieving sustainable agricultural practices, ensuring food safety, and improving the overall quality of agricultural products in Nigeria.

### Key Requirements and Justifications:

#### 1. Enhancement of Food Safety and Quality Assurance:

•The NARL will provide comprehensive testing and analysis of agricultural products to detect contaminants, pathogens, and chemical residues. This will ensure that food products are safe for consumption, thus protecting public health and bolstering consumer confidence in locally produced food.

#### 2. Support for Agricultural Supply Chain Management:

•By offering precise diagnostics and research capabilities, the laboratory will enable effective monitoring and control of diseases and pests. This will help stabilize supply chains, reduce losses, and ensure consistent availability of quality food products, thus supporting food security.

#### 3. Research and Innovation in Agricultural Practices:

•The NARL will facilitate cutting-edge research to develop innovative solutions and technologies that enhance agricultural productivity and

sustainability. Such advancements are essential for increasing food production and addressing the root causes of food insecurity.

#### 4. Regulatory Compliance and Trade Facilitation:

•The laboratory will aid in ensuring that agricultural products comply with national and international standards, thus facilitating trade. Improved trade relations and market access will contribute to economic stability and food security.

#### 5. Capacity Building and Knowledge Transfer:

•Through training programs and partnerships, the NARL will build local capacity, equipping stakeholders with the knowledge and skills necessary to implement best practices in agriculture and food safety.

#### 6. Contribution to National Security:

•By enhancing food security, the NARL will play a vital role in national security. A secure food supply reduces vulnerability to external shocks, mitigates conflicts over resources, and promotes social stability.

The integration of the National Agricultural Reference Laboratory into the Nigeria Food Security Project is a strategic imperative. Its establishment will not only address immediate food safety and quality challenges but also lay the foundation for a resilient and sustainable food security ecosystem in Nigeria. Through this initiative, SCRiH and its partners will drive meaningful change, ensuring a food-secure future for Nigeria and strengthening the nation's security and economic prosperity.



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# Meet the Brain Behind The Project

## Adebayo Adeleke

Adebayo Adeleke is a seasoned supply chain professional with expertise in risk management, security, geopolitics, and indigenous supply chain, security, and trade. Adebayo is also a seasoned combat veteran of the United States Army with 20 years of service.

His policy briefs on supply chain, security, and other resources have been featured in the London School of Economics, the African Report, and others. His desire to provide supply chain intelligence for stakeholders to make informed decisions concerning trade and supply chain in the continent led him to start Supply Chain Africa (SCA) -the supply chain data bank for Africa.

In 2022, he was a speaker at the World Trade Organization Public Forum, and in 2023, he joined other global leaders to review the Economic Development In Africa Report, 2023 by the United Nations. This report analyzed the potential of Africa to capture technology-intensive global supply chains.





## Meet the Team



**Adebayo Adeleke**

Founder & Lead Researcher



**Taibat Ajiboye**

Communications Consultant



**Emerald McLaniyi**

Data Scientist



**Debbie Adeloje**

Data Analyst



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Project Manager (AgTrade)



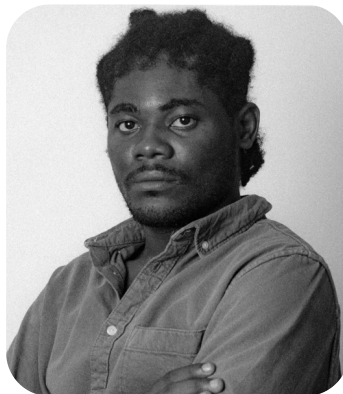
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## Researchers



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