



*Importance of Data in Transforming **Nigeria's** Food Systems*

*Presented by: Dr. Michael Ojo
Country Director
GAIN Nigeria*



WHY DO FOOD SYSTEMS MATTER?

Determine the availability, accessibility, and affordability of foods

Shape nutrition and health outcomes

Are major employers of labour

Influence domestic and international trade

Contribute considerably to greenhouse gas emissions and climate change

Create widespread opportunities to reduce all forms of inequity



THE IMPORTANCE OF DATA IN FOOD SYSTEMS TRANSFORMATION

**Evidence-Based
Policy Formulation**



Innovation Targeting



Accountability



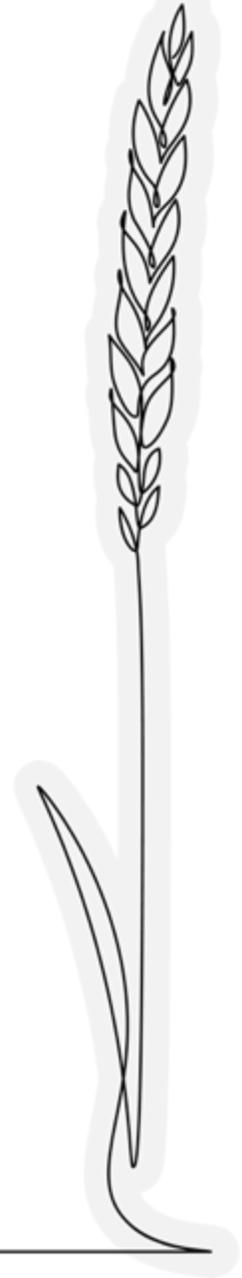
**Early Warning
Systems**



**Monitoring and
Evaluation**

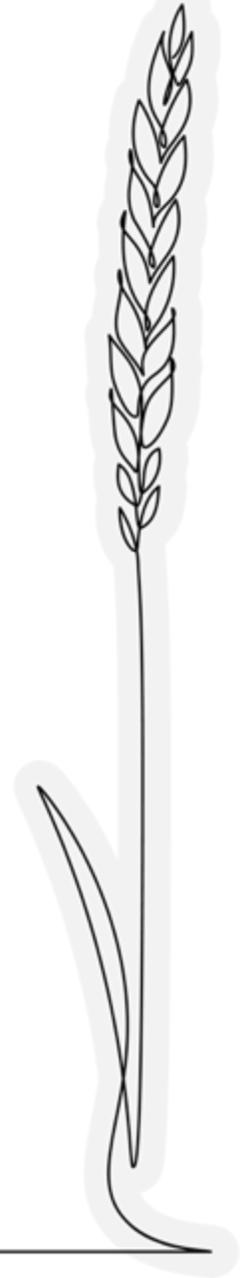


Resource Allocation



KEY DATA NEEDS FOR *NIGERIAN FOOD SYSTEMS*

- ❖ ***Agricultural Production Data***
- ❖ ***Market and Price Data***
- ❖ ***Climate and Environmental Data***
- ❖ ***Food Security and Nutrition Data***



Food Systems & Data



A large, stylized graphic of a leaf or plant branch is centered on the page. It consists of several overlapping, teardrop-shaped leaves arranged in a semi-circular pattern, all rendered in a light orange color that matches the background. The text 'FOOD SYSTEMS DASHBOARD' is overlaid on this graphic.

FOOD SYSTEMS DASHBOARD

GOALS OF THE DASHBOARD

1

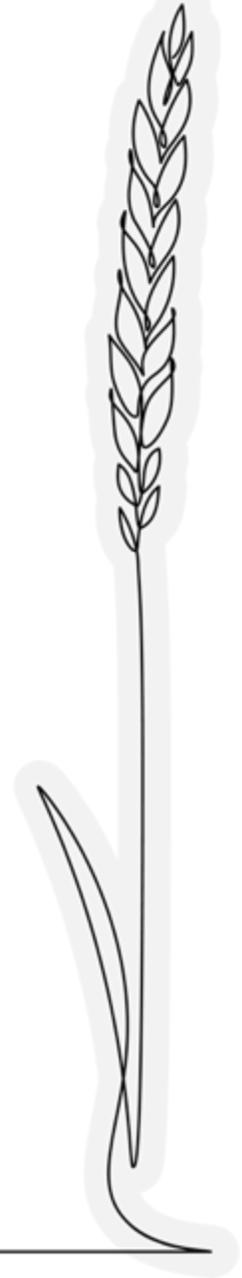
Describe: Improve stakeholder understanding of national food systems

2

Diagnose: Enable stakeholders to determine contextual challenges in food systems

3

Decide: Suggest priority areas of action and necessary actors to improve food systems contributions to sustainable diets and nutrition



GLOBAL FOOD SYSTEMS DASHBOARD

Platform that brings together food systems data

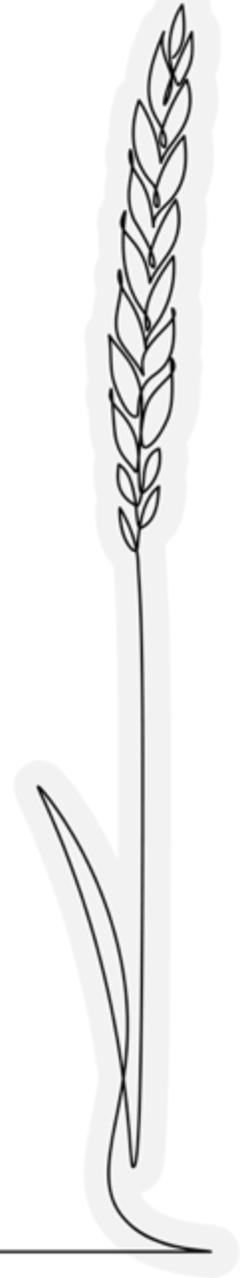
Includes indicators to measure different aspects of the food system

Facilitates within-country description of the components, drivers, and outcomes of food systems

Enables cross-country comparisons

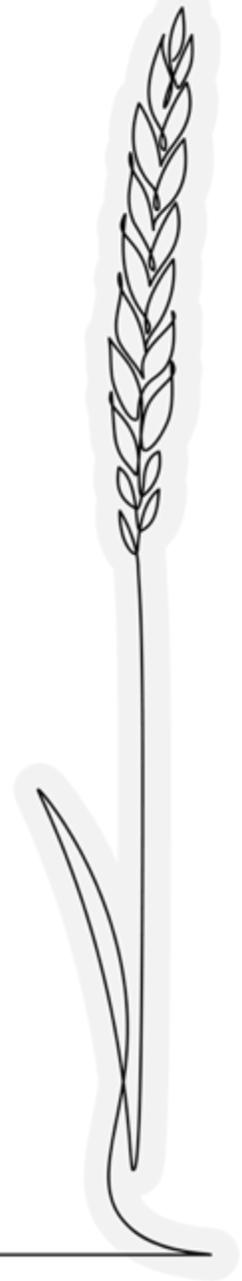
Identifies likely food system challenge areas

Proffers recommendations to improve food systems



NIGERIA *STATE-LEVEL* FOOD SYSTEMS DASHBOARD

- Aims to establish a comprehensive state-level dashboard that will facilitate description, diagnosis and decisions for nutrition-sensitive food systems in each state and FCT
- Includes data from publicly available sources, primarily:
 - 2008, 2013, and 2018 Nigeria Demographic and Health Surveys (NDHS)
 - 2010 and 2018 Nigeria Living Standards Survey (NLSS)
 - Other National Bureau of Statistics data sources
 - 2020 and 2021 Agricultural Performance Survey
 - 2021 Multiple Indicator Cluster Survey Nigeria
 - Advancing Research on Nutrition and Agriculture (ARENA) DHS-GIS Database (developed by International Food Policy Research Institute – IFPRI)



PROGRESS ON THE NIGERIA FOOD SYSTEMS DASHBOARD

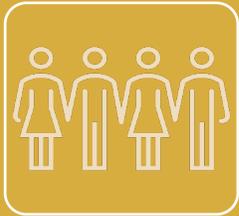
Food System Sector	Number of Global Indicators	Number of National Indicators
Drivers	22	11
Food supply chains	61	12
Food environments	62	18
Individual factors	17	12
Cross-cutting issues	21	1
Outcomes	101	45
Total	284	99

Expected Dashboard Users



Government

Policymaking around food systems transformation, income and wages, trade, and social protection; food insecurity and malnutrition



Development Partners/Civil Society

- Targeting of interventions and beneficiaries
- Advocacy



Private Sector

Identifying business opportunities to address demand and supply gaps



Academia

Understanding drivers of healthy diets, food systems challenges, effects of policies and programmes

A TOOL FOR **FOOD SYSTEM GOVERNANCE**



Multisectoral coordination – Includes data for all multisectoral components of the food system, facilitating an understanding of the role of each sector and coordination of action



Vertical coordination – Enables identification of parts of the country affected by various food systems challenges, thus allowing better targeting of interventions



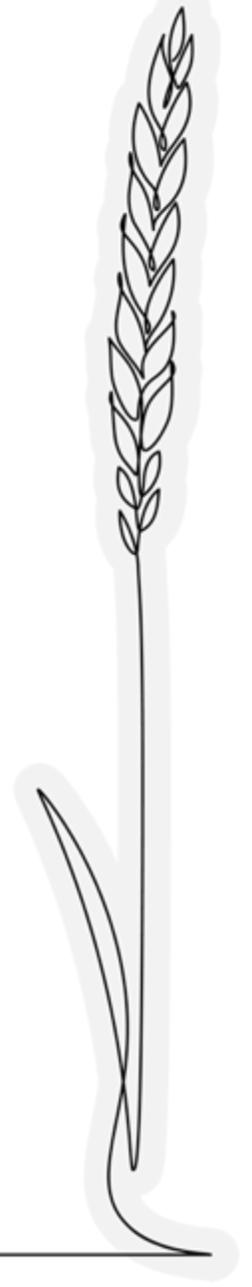
Accountability – By facilitating identification of food systems challenge areas and actions needed, food systems dashboard supports delineation of roles across actors and enables performance tracking of actors as well as progress towards outcomes



Private sector actions – Gaps across the food system that are revealed by the dashboard allow private sector to identify business opportunities to address gaps



Civil society involvement – The indicators included in the dashboard and the associated data enables determination of target populations that will benefit from social protection, livelihood assistance, and social and behaviour change communication. Also enables identification of topics and target audience for advocacy



Example of FSD Data Utilization - CoHD



Thank you

Rue Varembé 7
1202 Geneva,
Switzerland
Mailing address:
PO box 55, 1211 Genève 20

Website: www.gainhealth.org
Email: info@gainhealth.org

 @GAINAlliance

 Global Alliance for Improved Nutrition

