



# Food & Nutrition Security Programme

## Nutrition Coordination Tool



### Purpose & Content

The **Nutrition Coordination Tool** is designed to enhance stakeholder coordination and mapping in nutrition interventions across national, district, and group village levels in Malawi.

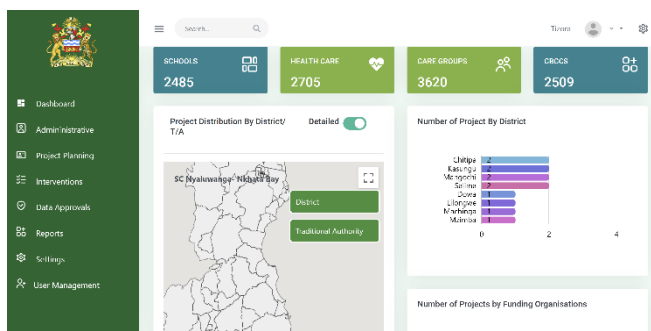
### Content & Key Features

- **Stakeholder Mapping:** Visual representation of stakeholders involved in nutrition interventions.
- **Data Collection, Storage, and Analysis:** Robust mechanisms for data handling and analysis.
- **Report Generation:** Ability to generate and export reports in various formats.
- **Scalability:** Designed to accommodate future expansion to other districts, Traditional Authorities, and Group Village Heads.

### Hosting & Management

- **Current Hosting:** The tool is currently cloud-hosted for a year. And to be anchored at DNHA
- **Future Management:** The Department of Nutrition and HIV/AIDS (DNHA) will continue to host and manage the tool for sustainability.

Project name	Food and Nutrition Security Programme (FNSP)
Commissioned by	German Federal Ministry for Economic Cooperation and Development (BMZ)
Project region	Southern Africa
Lead executing agency	Department of Nutrition (DN) in the Ministry of Health (MoH)
Duration	01.02.2015 – 31.03.2025



### Towards achievement of the following Sustainable Development Goals (SDGs)



*Diversifying food options that include six readily available food groups within Malawian communities.*

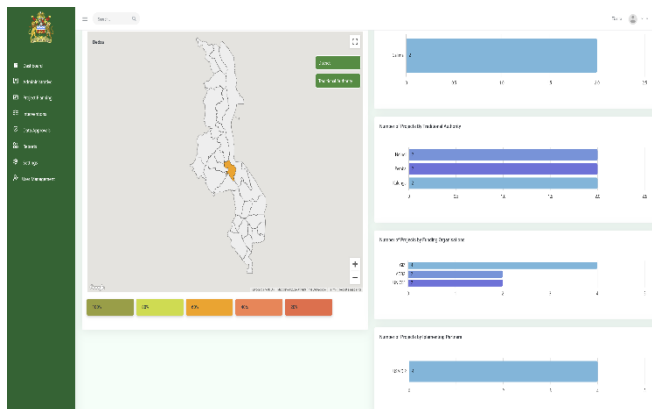
## Future plans

- **Expansion:** The tool will be expanded to cover more districts in Malawi, enhancing its scalability and usability.
- **Integration:** Integration with mobile applications and other relevant tools will be explored to further enhance the tool's functionality.
- **Training and Capacity Building:** Continuous training and capacity building for DNHA staff and stakeholders will be provided to ensure effective use and management of the tool.
- **Food Systems,** the tool will aim to integrate food systems into its design

## Additional Relevant Information

- **Project Background:** The tool was developed under the Food and Nutrition Security Programme (FNSP) in Malawi, which is part of the global 'Food and Nutrition Security, Enhanced Resilience' initiative, funded by the German Federal Ministry for Economic Cooperation and Development (BMZ).
- **System Architecture:** The system uses modern technologies such as React.js for the frontend, Node.js with Express.js for the backend, and PostgreSQL for data management. Security is reinforced with JWT and OAuth 2.0.
- **Pilot Testing:** A pilot phase was executed in Salima and Dedza districts to gather user feedback and make necessary adjustments before full deployment.

### GIZ Malawi FNSP Geographic Coverage



## Contact Information

- **Developer Contact:** Archangel Chirwa, STARBYTE SYSTEMS
- **Tool Access:** <https://nutritionmw.com>

Published by

Deutsche Gesellschaft für  
Internationale Zusammenarbeit (GIZ) GmbH

Registered offices Bonn and Eschborn, Germany

Global Programme "Transformation of Food Systems"  
Area 43, Plot 498  
P. O. Box 31131 Lilongwe, Malawi  
[www.giz.de](http://www.giz.de)

As at

June 2024

Photo credits

© GIZ

GIZ is responsible for the content of this publication.

On behalf of

Federal Ministry for Economic  
Cooperation and Development (BMZ)