

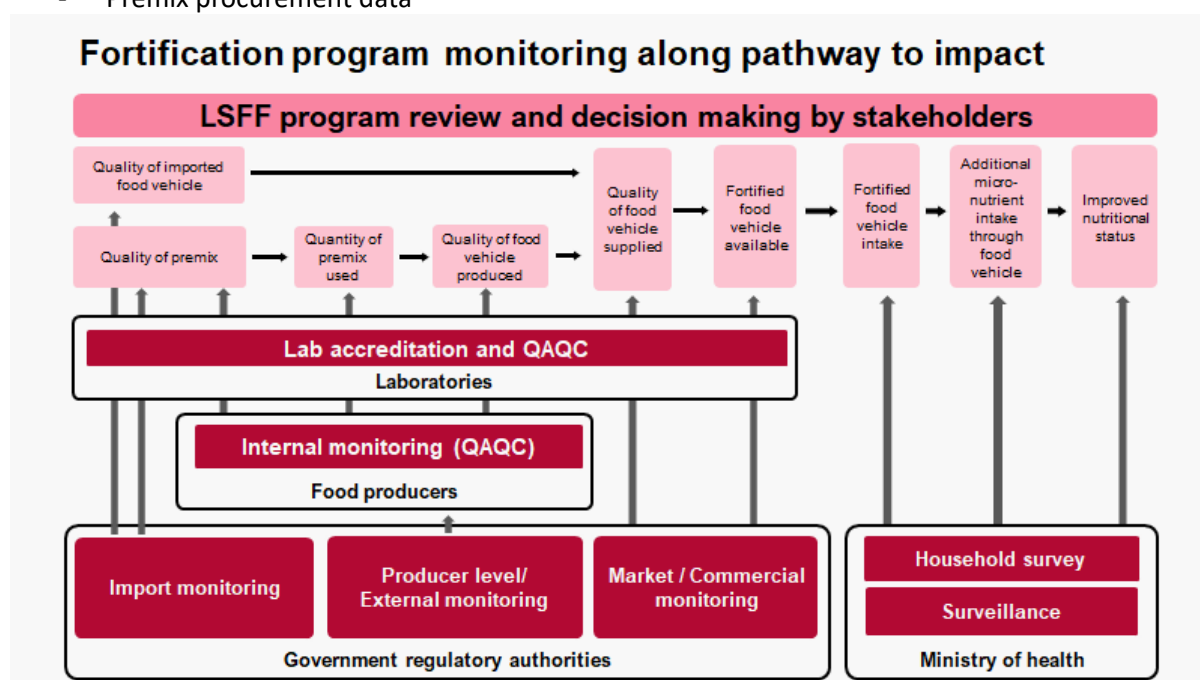
**Terms of Reference**  
**Large Scale Food Fortification (LSFF) monitoring data analysis and Reporting**  
**for Global Alliance for Improved Nutrition (GAIN)**

**Background**

GAIN is currently collecting LSFF monitoring data from the market and food production sites in India. We are working with local partners to collect, clean and report on the monitoring data but we would like to compile and merge the data from the different sources for more in-depth analysis. Therefore, GAIN is looking for a research analyst to manage the data and undertake analysis as well as support the preparation of analytics and reports of results to key stakeholders (industry, nutrition partners, government, NGOs) presented in a user-friendly format that informs them of program performance along the pathway to impact (see figure below).

The key datasets available include:

- Brand product availability data for several staple foods, including packaging size and type, supplier information, micronutrient content as well as fortification labelling and status from retail audits
- Supplier and food production data, including packaging size and type, micronutrient content, fortification labelling and status from production site inspections
- Food supplier data and brand products availability by state and market volumes from primary or secondary market research
- Household survey on food consumption patterns
- Premix procurement data



**General Tasks**

1. Compiling and cleaning of data from market and production level monitoring of fortified foods as well as other market and household level research.
2. Create written data management protocol, in collaboration with GAIN staff, including but not limited to dataset/-base structure and use including script to merge data from different levels (e.g. production site, market and household data on food product availability, quantity and quality), variable description, and data and results archiving
3. Conduct analyses (ideally using R or other adequate software package), explore data, e.g. frequencies, time trends, extrapolations, and comparison across data disaggregation categories including dashboard presentation of results for different LSFF stakeholders.

4. Prepare scripts and explanatory guidance that will enable GAIN and its partners to merge and analyze future datasets to assess changes in apparent consumption and other outcomes

**Deliverables**

- Written data management protocol
- Structured data and corresponding syntax/code for archiving and use
- Analysis reports, including visualizations (graphs and tables) of key trends and insights from the data as well as a description of those key insights.

**Experience needed:**

- Experience in data management, statistical analysis, and presentation
- Knowledge and proficiency in R or other adequate software package for data analysis.
- Knowledge of databases and associated query languages, and ability to select the most appropriate data structure
- Excellent written communication in English

**Resources:**

Overview of available data sources will be provided in an agreed platform. Some of these are GAIN internal documents and are to be used exclusively for this research work and are not to be copied or for further distribution.

**Contact:**

Interested consultant(s) should send:

- (a) CV with relevant qualifications and experience to conduct the assignment,
  - (b) expected rate (in USD) for services and availability to provide services
- by email to [sjungiohann@gainhealth.org](mailto:sjungiohann@gainhealth.org) and [eonyeagba@gainhealth.org](mailto:eonyeagba@gainhealth.org).