

Innovative Process Monitoring System for Effective Implementation of Nutrition Programmes i-Monitor



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Specific Objectives of the SOFTWARE....

- Data base for tracking processes, delivery mechanism and coverage of nutrition interventions
- MIS for simple, easy and accurate monitoring of deliverers of the intervention
- Knowledge management tool for analysis and cross country sharing of information on nutrition programmes and surveillance

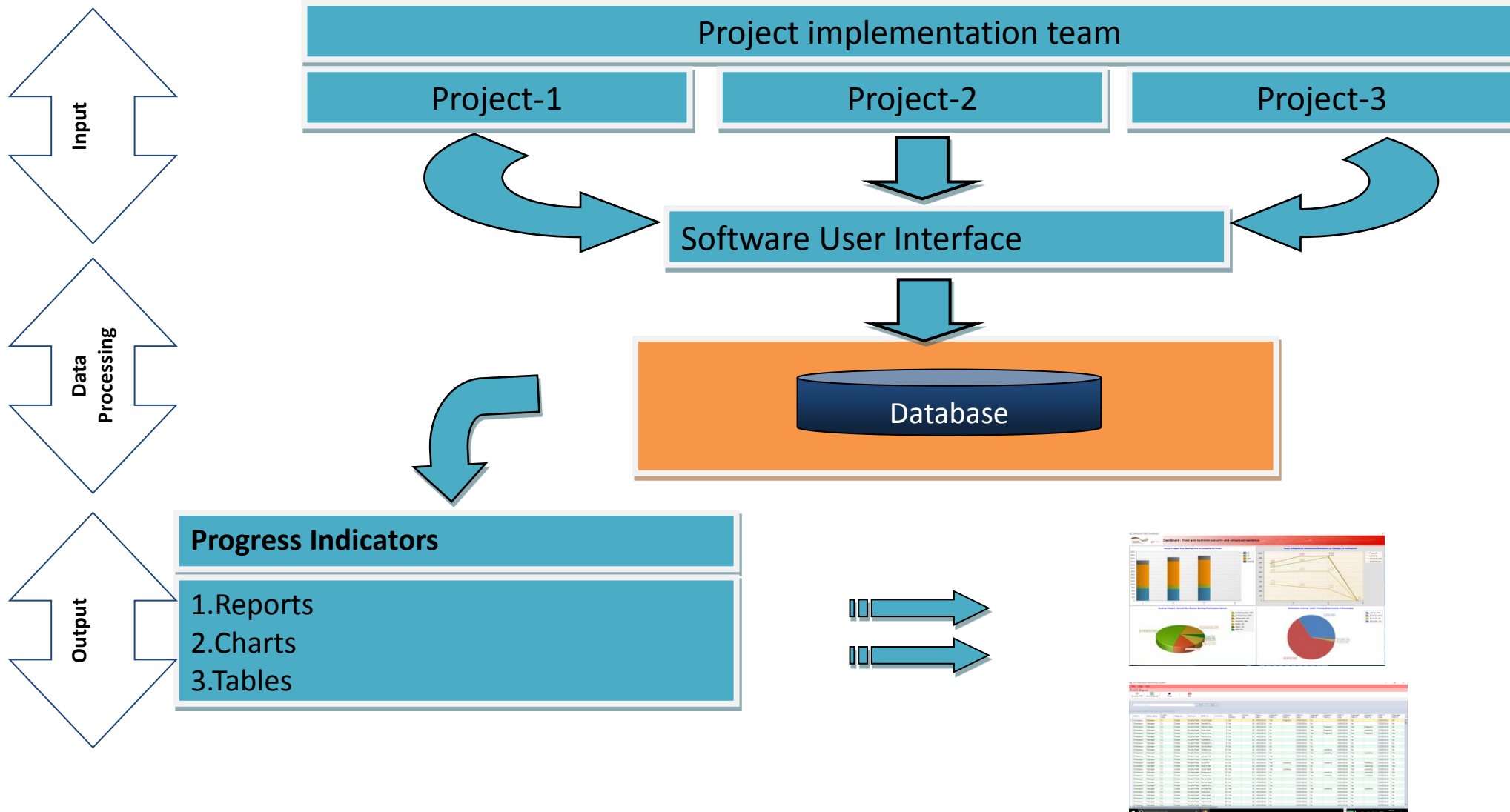
Projects included:

- Food and nutrition security and enhanced resilience (FaNS)
- Improvement of food security for mothers and infants in rural areas in Tajikistan (IFS Tajik)
- Affordable nutritious foods for women (ANF4W)

Advantages of a Software Based Monitoring Approach



- Improved data sharing
- Improved data security
- Better data integration
- Minimized data inconsistency
- Improved data access
- Improved decision making
- Increased end-user productivity

Schematic Representation of the Monitoring Software



Features of the Proposed Software

Menu Driven user Friendly Interface with Access Control



Innovative Process Monitoring System for Effective Implementation of Nutrition Programmes

i-Monitor

This is a software developed by GIZ for global level application for tracking processes, delivery mechanism and coverage of nutrition interventions for various projects. This aims to enter, compile and aggregate data of nutrition program. The monitoring data capture stakeholder (farmer/health enterprise) and beneficiaries reproductive age/children depending on the focus of the software will be used of the following three projects:

- Food and nutrition security (FaNS)
- Affordable nutritious
- Improvement of food security for mothers and infants in rural areas in Tajikistan


Authenticate

User Name

Password

Project

Language



Type here to search

ENG 24/01/2018

Features of the Proposed Software

User Friendly Data Entry Screens with in-built data quality and consistency checks

FrmDataEntry_FANS
FrmTazakConsole

Improvement of food security for mothers and infants in rural areas in Tajikistan

TOOL A1: Training Conducted for PHC Staff of Medical Houses and Medical Centres

Save Data | Refresh | New PHC | Report | Exit

Select PHCU/Training Center :

Name of the District : -

Name of the OBLAST : -

Scheduled Training Date : 24/01/2018

Actual Training Date : 24/01/2018

Training Number : 1

Name of the Trainer :

Total Participants : 0

S.No	Staff Code	Name of the Staff	Total Questions Administered	Pre Score	Post Score	Improvement	Improve (%)
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Dashboard

Health Facility

Community Volunteers

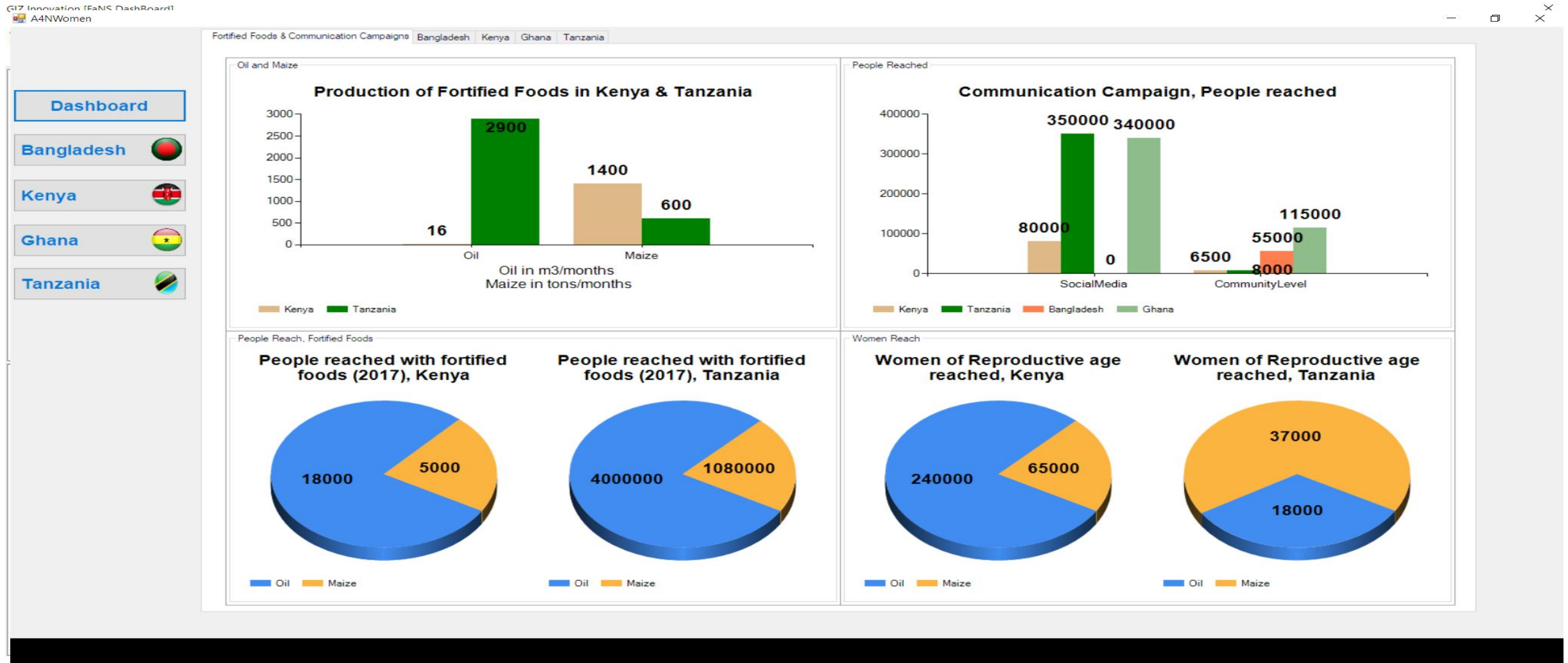
School Data

Type here to search

12:45 24/01/2018

Features of the Proposed Software

Dashboard to offer a snapshot of team performance and overall progress.



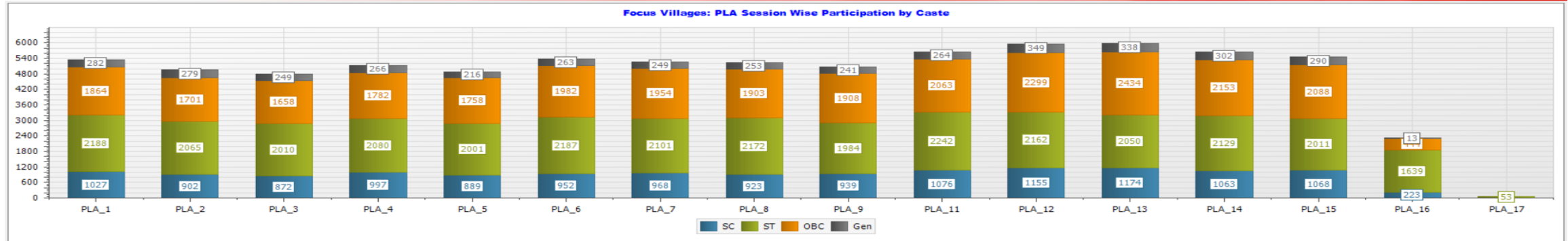
Features of the Proposed Software

Generation of Different Output Format and Graphs

FrmAddDatabaseSchema



Fans : Chart with Data



Meeting No	SNO	SC	ST	OBC	Gen	Participants	Pregnant	Lactating	Adolescent Girls	Women_15to49_Yrs
PLA_1	1	1027	2188	1864	282	5361	595	1219	1609	1741
PLA_2	2	902	2065	1701	279	4947	497	1160	1399	1720
PLA_3	3	872	2010	1658	249	4789	475	1159	1384	1625
PLA_4	4	997	2080	1782	266	5125	495	1133	1509	1823
PLA_5	5	889	2001	1758	216	4864	474	1100	1471	1653
PLA_6	6	952	2187	1982	263	5384	461	1294	1630	1794
PLA_7	7	968	2101	1954	249	5272	449	1283	1665	1669
PLA_8	8	923	2172	1903	253	5251	419	1284	1663	1682
PLA_9	9	939	1984	1908	241	5072	391	1296	1556	1649
PLA_11	11	1076	2242	2063	264	5645	415	1450	1671	1837
PLA_12	12	1155	2162	2299	349	5965	451	1532	1834	1951
PLA_13	13	1174	2050	2434	338	5996	470	1576	1842	1891
PLA_14	14	1063	2129	2153	302	5647	438	1391	1808	1799
PLA_15	15	1068	2011	2088	290	5457	373	1338	1761	1803
PLA_16	16	223	1639	444	13	2319	140	351	567	1013
PLA_17	17	0	53	0	0	53	0	14	8	27

Global Nutritional Data

- A platform to study nutritional indicators data under same umbrella.
- Ability to compile Nutritional Data from different sources, geographical location and socio economic characteristics.
- Data mapping feature enabling importing data from excel files where output nutrition values are calculated into a common database structure.
- It will have the provision of generating different Output of interest through predefined reports formats or custom reporting.

TOOL Nutrition Indicator Data Import

Select Nutriton Data Fil

Select the worksheet con

Map Identifier Variables

Country : None

Caste CASTE

Study Name : test-1

Nutrition Indicator Varia

Woman MDD : WMDD

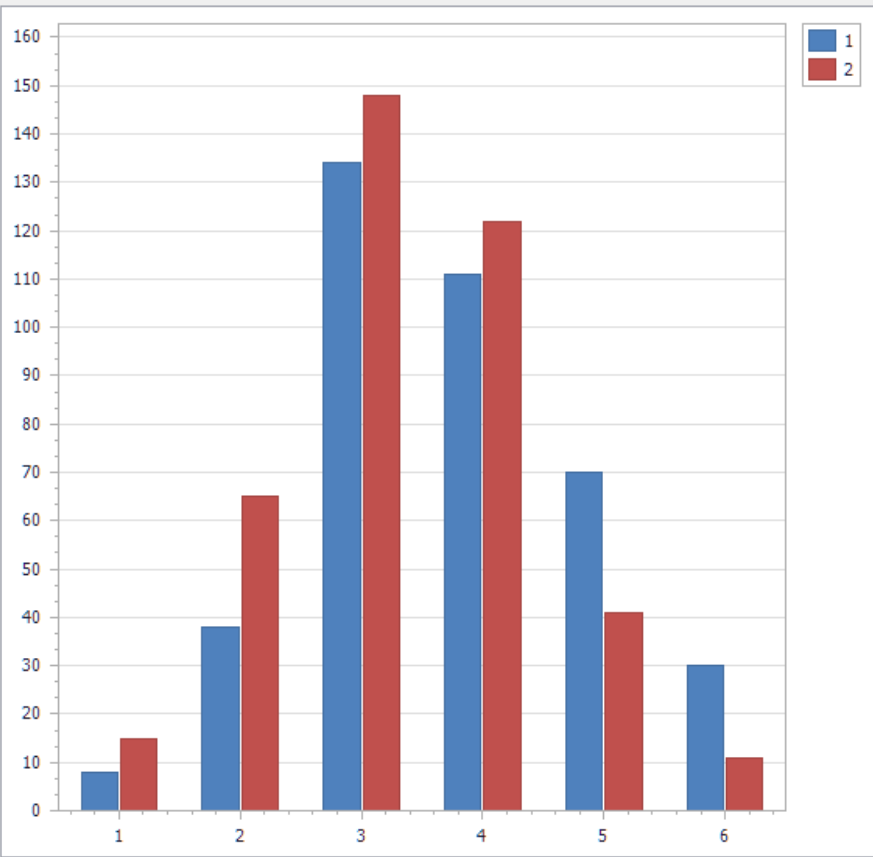
Food group score (children 6-23 months) Foodgrsc

	date	district
►	29/01/2016	1
	04/02/2016	1
	02/02/2016	1
	25/01/2016	1
	28/01/2016	1
	28/01/2016	1
	02/02/2016	1
	25/01/2016	1
	29/01/2016	1

Statistial Output [Nutritional Data]

Global Indicators : Create Custom Statistical Output

Country	State	Study_Name	Caste	Age in Month	Age in yars	Gender
Time Point	Breast Feed Status	MDD Child	MAD Child	MFF Child		
Consumed Food Groups All Children	Consumed Food Groups NBF Children	Total No of Meals				
Consumed Food Groups (Women)						
Women MD...	District ▲					
No of Foo... ▲	1	2	Grand Total			
0		2		2		
1		8	15	23		
2		38	65	103		
3		134	148	282		
4		111	122	233		
5		70	41	111		
6		30	11	41		
7		6		6		
8		1	1	2		
Grand Total		400	403	803		



GAC
2
3
1
3
3
2
2
3
2

Browse

Merge with Existing Data

Clear Data and Add New

Statistics

Cancel

Pretesting of the Software

- **Pretesting are being done for FaNS and Nutrition project in Tajikistan (IFS Tajik)**
- **Helped in assessment of feasibility and utility of the software**
- **Software already in use in India (FaNS)**

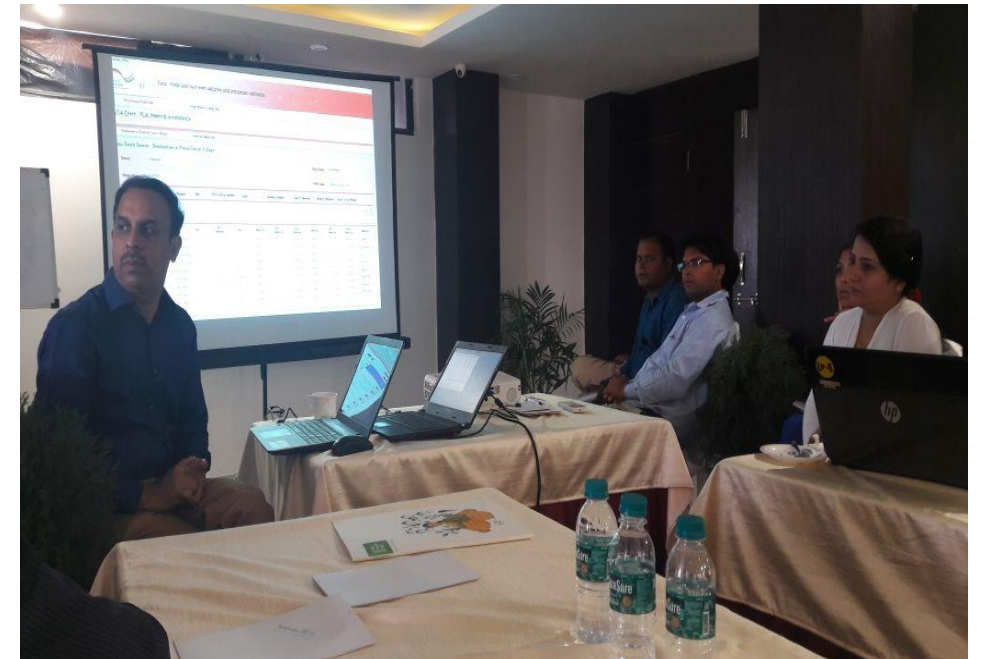
PRE-TESTING MEETING FOR SOFTWARE AT TAJIKISTAN



- Software prototype and Monitoring forms were developed in consultation with GIZ team in Tajikistan.
- Various stakeholders like Ministry of Health (Head, MCH & Nutrition), UNICEF, World Food Program in the country were sensitized about the software prototype.
- The implementing agencies: Aga Khan Foundation and Mountain Societies Development Support Programme were also sensitized regarding the implementation, demonstration of the software and the forms.
- Implementation of software in the project will soon be initiated

Software Training Workshop for Monitoring of FaNS

- NGO participants (10) from Chhatarpur and Sheopur were trained in using the software
- Challenges faced while entering the data on the software were identified
- Feedback on training module was obtained
- Previous data (excel based) already uploaded in the software
- **Data entry directly on the software has been initiated**

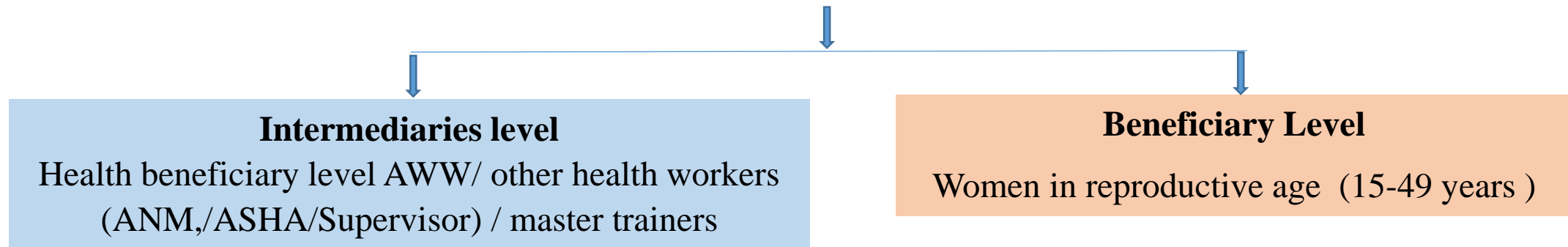


Food and Nutrition Security and Enhanced Resilience (FaNS)

Objective of the project:

- To improve the access & availability of healthy and diversified food for vulnerable women of reproductive age & children (6-23 months of age).- MAD, IDDS, MMF
- To improve the capacities of nutrition frontline health workers so called Anganwadi workers (AWW) who in turn build the knowledge of women of reproductive age on the importance of nutrition diversity.

Data Capturing



Computerization of the National Food Distribution Programme

The programme provides **technical expertise** to the Government of India, Ministry of Consumer Affairs, Food and Public Distribution, for implementing computerization and improved distribution and access of subsidized food.

- ❖ Installation of Point of Sale Devices (PoS)
- ❖ Supporting the implementation of **National Food Security Act (NFSA)**
- ❖ Reactivation of Vigilance Committees for **monitoring the distribution** of subsidized food grains



Trainings and Awareness Raising Campaigns on Food and Nutrition Diversity

- ❖ **Training** of Anganwadi Workers –Over 3000 AWWs trained in 4 Participatory Learning Action (PLA) rounds to improve their capacities
- ❖ Training of Beneficiaries through AWWs reaching more than 100,000 women through 20 sessions on nutrition counselling
- ❖ Promotion of **Kitchen Gardens**
- ❖ Theatre Campaign for **raising awareness** on the importance of nutritious foods among the community



Affordable Nutritious Foods For Women (ANF4W)

Objective of the project:

- Improving supply micronutrient rich foods for improving nutritional status of women and children.

The project is being implemented in 4 countries (**Kenya, Bangladesh, Ghana, Tanzania**)

Data Capturing



Intermediaries level

Smallholder Farmers
Small to medium sized enterprises

Beneficiary Level

Women in reproductive age (15-49 years)

Already completed data collection

Few output variable included in the software are:

- Nutrient rich foods named by women
- Mean zinc intake by area for adult woman
- Minimum Dietary Diversity- Women
- Household food security status
- Fortification logo observed

Improved Maternal, Infant and Child Nutrition in Rural Tajikistan

Objective of the project:

- Improve food and Nutrition security among mothers and infants

Data Capturing



Intermediaries level

PHC Staff
Community Nutrition Volunteers (CNV)
School Teachers

Beneficiary Level

Women in reproductive age (15-49 years)
Adolescents
Young Children (6-23 months)

The Core Monitoring Level Indicators for Tajikistan project

Training Conducted for PHC Staff

- No. of training sessions
- No. of PHC staff trained
- Increase in knowledge scores

Training Conducted by PHC Staff

- No. of training sessions in each PHC
- No. and type of beneficiaries trained by each PHC Staff

Training Conducted for CNV

- No. of sessions conducted
- Increase in knowledge scores

Training Conducted by CNV

- No. of sessions conducted by each CNV in
 - Nutrition/Hygiene Counselling
 - Cooking demonstration
 - Dietary diversity
- Number and type of beneficiary trained in each session

Diversification Strategies Identified at Household Level

- No. of household identified as social mentors
- No. of household informed about dietary diversification of food

Global Level Indicators

- Minimum Dietary Diversity Scores (MDD-W) of Women (15-49 years)
- Minimum Adequacy Diet Scores of Children (MAD) (6-23 months)
- Minimum Dietary Diversity Scores of Children (MDD) (6-23 months)
- Minimum Meal Frequency Scores of Children (MMF) (6-23 months)
- Number of intermediaries show increase in knowledge

Project	Intermediaries	Topic / Issue
FaNS	AWW	Diversified nutrition practices for women and children Utilization of locally available food and TPDS, ICDS etc.
ANF4W	Smallholder Farmers	Develop food prototypes made from local agricultural commodities
	Small to medium sized enterprises	Agronomic methods, homestead food production and nutrition
Tajikistan	PHC Staff /Community Nutrition Volunteers	Nutrition and basic hygiene

- Number of beneficiaries reached- Coverage/Outreach

Thank You