

Defining Nutrition-Sensitive Development

Meeting of the
Minds on Nutrition
Impact of Food
Systems

Geneva,
March 25-28, 2013



NUTRITION-SENSITIVE DEVELOPMENT: THERE IS AGREEMENT THAT IT:

- 1 ☒ Requires defining explicit nutrition objectives/goals
- 2 ☒ Requires targeting population groups and prioritizing the 1,000 day 'window of opportunity' and other vulnerable groups
- 3 ☒ Requires measuring contribution to nutritional impact throughout program pathways through monitoring and evaluation (requires clearly defined output, process, outcome, and impact indicators).
- 4 ☒ Requires planning multisectoral and implementation in various sectors
- 5 ☒ Requires considering gender equity

NUTRITION-SENSITIVE DEVELOPMENT: STILL UNCLEAR-NEED CONSENSUS:

- 1 ☒ No agreed upon global definition of nutrition-sensitive development (across sectors & in Ag).
- 2 ☒ No agreed upon process to integrate nutrition into other sectors within programs or at the country level
- 3 ☒ No standardized outcome indicators for each sector to track and measure progress
- 4 ☒ No agreed upon nutrition targets in other sectors (neither global targets nor country-level targets)

DRAFT PLANNING MODEL FOR NUTRITION-SENSITIVE DEVELOPMENT

Start

Nutrition
Situation
Analysis

Define Targeted
Populations



Baseline data collected

Set Nutrition Objective

Target Setting

Process Indicators

Output Indicators

Outcome
Indicators

Impact
Indicators

*Monitoring and measuring achievements along the way;
modifying/adjusting as necessary*

**Nutritional
Impact**

End Results

Improved Nutritional Status

Reduction in Stunting

Reduction in Wasting

Reduction in Underweight, Low
Birth Weight & Overweight

Reduction in Anemia

Reduction in Micronutrient
Deficiencies

Increased Dietary Diversity

% Change Infant, Under 5 &
maternal mortality

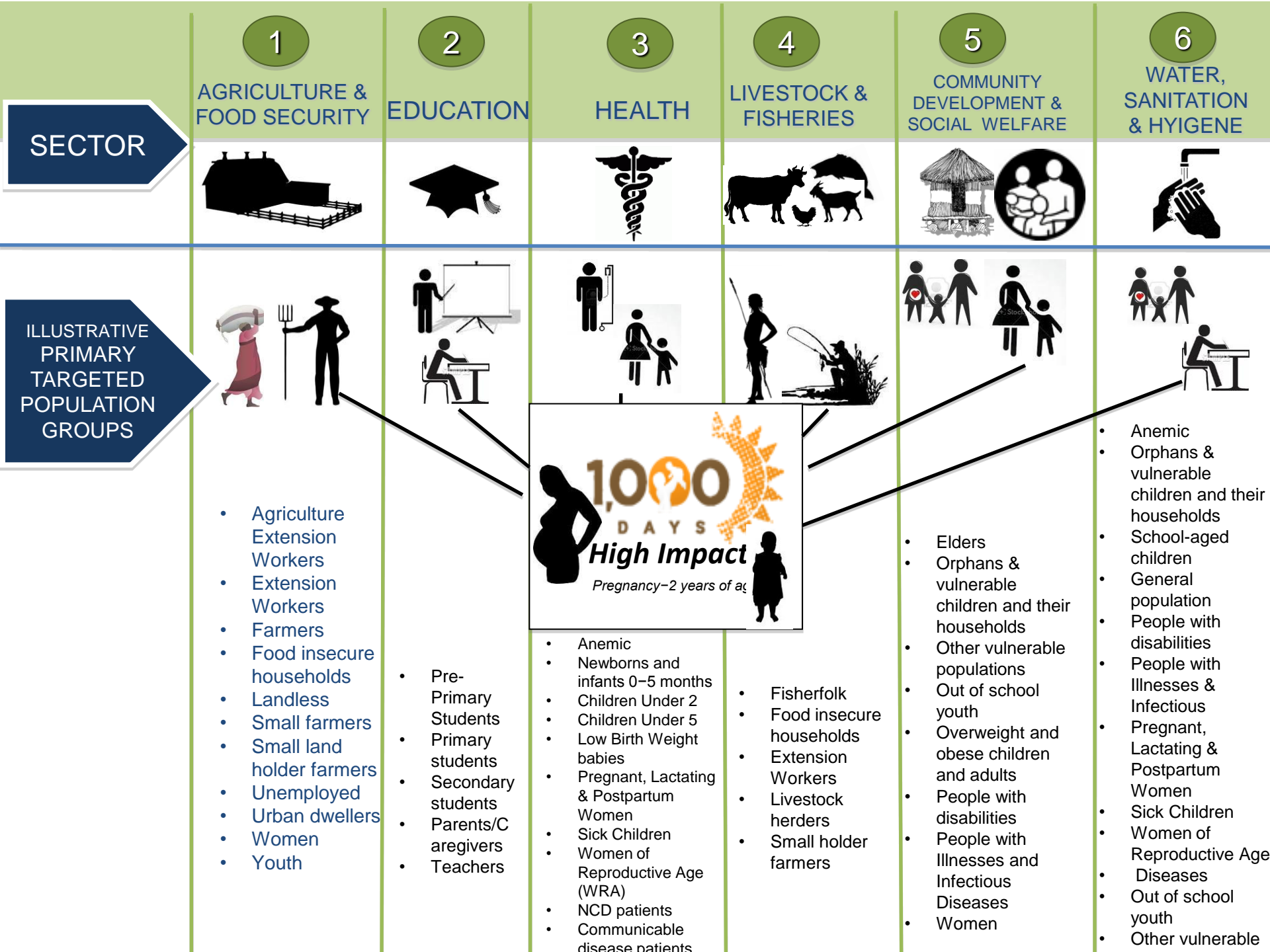
Pathway







Nutrition-Specific Interventions & Nutrition-Sensitive Development







Processes, defined activities and actions







*Contributes to
mortality reduction*





<div>SECTOR</div>	<div>1</div> <div>AGRICULTURE & FOOD SECURITY</div> <div>  </div>	<div>2</div> <div>EDUCATION</div> <div>  </div>	<div>3</div> <div>HEALTH</div> <div>  </div>	<div>4</div> <div>LIVESTOCK & FISHERIES</div> <div>  </div>	<div>5</div> <div>COMMUNITY DEVELOPMENT & SOCIAL WELFARE</div> <div>  </div>	<div>6</div> <div>WATER, SANITATION & HYIGENE</div> <div>  </div>
<div>ILLUSTRATIVE ENTRY POINTS</div>	<ul style="list-style-type: none"> Agriculture/Food Security Officers Farms Extension Services National Food & Drug Boards/Food Inspectors Food insecure communities/households Manufacturing Industry 	<ul style="list-style-type: none"> Caregiver groups Education and Vocational Training Groups Education Boards Higher Learning Institutions Parent Teacher Associations/committees Pre-Primary Schools Primary Schools School Health Clubs Secondary Schools Teachers 	<ul style="list-style-type: none"> Antenatal Care (ANC) Communicable Diseases (HIV, malaria) Delivery and Labor Disease Prevention Expanded Program for Immunization (EPI) Health Promotion Integrated Management of Childhood Illness (IMCI) Non-Communicable Diseases (NCD) RCH/MCH services 	<ul style="list-style-type: none"> Farms Extension Services Aquaculture farms Livestock farms 	<ul style="list-style-type: none"> Community Groups/committees Social welfare/protection groups Impoverished vulnerable communities/households Food insecure communities/households Vulnerable Children Committees 	<ul style="list-style-type: none"> Schools Community/Households Health services Community services Community groups WASH Committees

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<div>ILLUSTRATIVE EXPLICIT NUTRITION OBJECTIVE</div>	<div>To reduce micronutrient deficiency disorders through food-based approaches.</div> <div>To promote access and consumption of nutrient-rich and diversified diet through among both producers and consumers.</div> <div>To reduce micronutrient malnutrition through food fortification and supplementation.</div> <div>To promote access and consumption of nutrient-rich and diversified diet through among both producers and consumers by preservation, improving processing, and reduction of post-harvest losses.</div> <div>To promote consumption of iodized salt to reduce iodine deficiency.</div>	<div>To reduce anemia and other micronutrient deficiencies among school-aged children (through food – based approaches, nutrition education, etc.).</div> <div>To increase the number of school-aged children who have access to school health and nutrition services (including water, sanitation and hygiene) to improve health and nutrition outcomes.</div>	<div>To improve IYCF through effective nutrition education and counseling.</div> <div>To reduce the incidence of chronic diet related diseases by reducing overweight and obesity.</div> <div>To reduce micronutrient deficiency disorders (vitamin A deficiency, iron-deficiency anemia and iodine deficiency disorder) through micronutrient supplementation.</div>	<div>To increase production and consumption of nutrient-rich livestock and fishery products to reduce undernutrition</div> <div>To promote preservation and value addition of livestock and fishery products</div>	<div>To improve maternal and child care feeding practices and reduce malnutrition for most vulnerable children under five. To reduce the prevalence of anemia among women of reproductive age and children.</div> <div>To increase access and consumption of adequate nutrient-rich dietary diverse foods to increase micronutrient intake and decrease malnutrition for most vulnerable households.</div> <div>To promote consumption of iodized salt to reduce iodine deficiency.</div>	<div>To improve the nutritional status of individuals through promotion of sanitation and hygienic practices.</div> <div>To prevent anemia by the provision of adequate sanitation and health and hygiene education.</div>
<div>NUTRITIONAL IMPACT</div>	<div>REDUCTION IN STUNTING, WASTING, UNDERWEIGHT, LOW BIRTH WEIGHT, OVERWEIGHT AND OBESITY, ANEMIA, MICRONUTRIENT DEFICIENCIES.</div>					

SECTOR	1	2	3	4	5	6
	AGRICULTURE & FOOD SECURITY	EDUCATION	HEALTH	LIVESTOCK & FISHERIES	COMMUNITY DEVELOPMENT & SOCIAL WELFARE	WATER, SANITATION & HYIGENE
NUTRITION INDICATORS						
	<p>% Change in minimum acceptable diet (6–23 months) Individual dietary diversity score (women of reproductive age) (cross-sectoral)</p> <p>% Change in Minimum dietary diversity (6–23 months) (cross-sectoral)</p> <p>% households using iodine-fortified products (e.g., iodized salt) (cross-sectoral)</p> <p>% Percentage change in household dietary diversity (cross-sectoral)</p> <p>% households using vitamin A fortified foods (e.g. fortified oil, sugar, dairy)</p> <p>% Targeted population regularly consuming iron-fortified foods, iron-rich foods, foods which promote iron absorption, and/or foods that inhibit</p>	<p>% Proportion (coverage) of school-age children that received deworming treatment & % Change in prevalence of worm infection</p> <p>% households using home fortification (e.g., Sprinkles) for Vitamin A</p> <p>% households using vitamin A fortified foods (e.g. fortified oil, sugar, dairy)</p> <p>% Percentage of households consuming iodized salt</p> <p>%Percentage coverage rate for Community Management of Acute Malnutrition (CMAM)</p>	<p>% Percentage of pregnant women receiving iron and folic acid supplements</p> <p>% Coverage of vitamin A supplementation with 2 doses in children 6-59 months of age</p> <p>% Percentage of children ages 0-59 months with diarrhea receiving oral rehydration therapy and continued feeding during the illness.</p> <p>% Change in prevalence of exclusive breastfeeding 0-</p>	<p>% Percentage change in the consumption of seaweeds through agro-processing and value addition.</p> <p>% Percentage change in household dietary diversity</p> <p>% Targeted population regularly consuming iron-fortified foods, iron-rich foods, foods which promote iron absorption, and/or foods that inhibit iron absorption</p> <p>Individual dietary diversity score (women of reproductive age)</p>	<p>% Change in prevalence of exclusive breastfeeding of children 0-5 months of age; % Change in prevalence of appropriate IYCF practices from 6-23 months</p> <p>% households using home fortification (e.g., Sprinkles) for Vitamin A; % households using vitamin A fortified foods (e.g. fortified oil, sugar, dairy)</p> <p>Prevalence of obesity among persons aged 25+ years; and prevalence of physical inactivity among persons aged 25+ years</p> <p>% Percentage of households consuming iodized salt</p> <p>%Percentage coverage</p>	<p>% Percentage change in the population with sustainable access to improved (safe and clean) water source</p> <p>% Percentage of children ages 0-59 months with diarrhea receiving oral rehydration therapy and continued feeding during the illness.</p> <p>Proportion of children ages 0–59 months with diarrhea receiving zinc supplementation during the illness.</p>
ILLUSTRATIVE OUTCOME INDICATORS						
NUTRITIONAL IMPACT	REDUCTION IN STUNTING, WASTING, UNDERWEIGHT, LOW BIRTH WEIGHT, OVERWEIGHT AND OBESITY, ANEMIA, MICRONUTRIENT DEFICIENCIES.					

Evidenced-Based Nutrition-Specific Interventions

Micronutrient Supplements

- Vitamin A
- Iron-Folic Acid



Treatment & Mgmt of MAM/SAM



Optimal Infant and Young Child Feeding and Breastfeeding Promotion



Pregnancy until 2 years old



Deworming



Promotion of Improved Water Sanitation and Hygiene (WASH) Practices including Hand washing



Malaria Control & Prevention using Insecticide Treated Nets & Nutrition Education

Therapeutic Zinc for Mgmt of Diarrhea



Food Fortification (VitA, Iron,) (oil, sugar, flour, dairy)



Universal Salt Iodization

Nutrition Throughout the Life Cycle



Pregnancy

Birth

Infancy

Childhood

Adolescence

Adulthood

At the country-level

Multisectoral
Strategy,
Target Setting
& Results
Framework

MULTISECTORAL
NATIONAL
NUTRITION STRATEGY



HIGH-LEVEL COUNTRY
TARGETS



Scaling Up
NUTRITION



RESULTS FRAMEWORK



Multisectoral
National
Planning &
Management

STRATEGIES



POLICIES



BUDGETS



GUIDELINES



WORKFORCE



Enabling
Environment

MULTISTAKEHOLDER
PLATFORM



COORDINATION &
GOVERNANCE



COMMUNICATION



CAPACITY
BUILDING



Cross-Cutting

GENDER
EQUITY

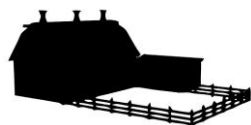
POVERTY
REDUCTION

NUTRITION
EDUCATION

SOCIAL BEHAVIOR
CHANGE
COMMUNICATION

Nutrition
across
sectors

AGRICULTURE &
FOOD SECURITY



EDUCATION



HEALTH



LIVESTOCK &
FISHERIES



COMMUNITY
DEVELOPMENT &
SOCIAL WELFARE



WATER,
SANITATION
& HYGIENE



