Agriculture to Nutrition (ATONU):

Improving Nutrition Outcomes Through Optimized Agriculture Investments

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www.fanrpan.org/projects/ATONU
• ATONU works with existing agricultural development projects and programmes

• Identify and design nutrition-sensitive interventions to deliver positive nutrition outcomes

• Assess and collect evidence of the impact of interventions

• Provide technical assistance to ensure effectiveness of nutrition-sensitive interventions in agriculture programmes
Opportunities for Nutrition-Sensitive Interventions

ACGG Aim: Deliver, test and continuously improve tropically-adapted chickens for productivity growth.

Opportunities can be anywhere along the agricultural value chain, depending on the design and objectives of project.
Pathways and Entry Points

Pathways

1. Production for own consumption
2. Income
3. Women empowerment

Entry Points

1. Production
2. Processing
3. Utilization
Proof of Concept

Impact study is using a **cluster randomized design** to evaluate the three interventions:

1. Distribution of high-producing chicks to households ("ACGG");
2. BCC intervention on poultry-specific aspects of nutrition, WASH, women’s empowerment, and use of income ("BCC"); and
3. Home gardening intervention ("home gardening").

Randomized to one of the **four arms:**

- Pure Control
- ACGG
- ACGG + BCC (Behavior Change and Communication)
- ACGG + BCC + home gardening
ATONU-ACGG IMPACT PATHWAYS

Nutritional status

Diverse Diets

Health

Food access

Decision Making & Care practices

Low burden of deseases

Diverse food production on the farm - Chicken, eggs, vegetables

Income: from the sale of chickens and eggs

Women’s empowerment

BCC : Nutrition and hygiene education

Mitigate health risks introduced by agriculture production

Adapted from Herforth and Billard 2015
Action areas to achieve outcomes

I. Nutrition and Hygiene Education

II. Women empowerment for income decision making

III. Vegetable production

IV. Capacity building to deliver nutrition actions in agriculture

Rigorous evaluation of the nutrition-sensitive intervention

BCC
- Optimal diets in (MIYCF) Maternal Infant and Young Child Feeding
- MIYCF care group model learning sessions
- Hygiene in food processing, preparation and handling
- Community mobilization and sensitization on gender
- Men sensitization on child and maternal nutrition
- Joint financial planning and budgeting lessons
- Alternative energy and time saving technologies
- Vegetable production
- Processing
- Storage
- Utilization
- Trainings
- BCC material development
Targeted Outcomes

- Improved consumption of chickens and eggs at household level
- Enhanced Women’s agency for making household income decisions to improve diets and health
- Increased consumption of diverse diets
Thank you