

ROADMAP

TRAINING YOUNG POULTRY AND LIVESTOCK FARMERS



**The Presidential Initiatives on Agriculture
and Agribusiness - Office of the President**



ROADMAP TRAINING YOUNG POULTRY AND LIVESTOCK FARMERS

Comprehensive Implementation Roadmap for
The Training Young Poultry and Livestock
Farmers Across All 16 Regions of Ghana: A
Strategic Initiative Towards Feed Ghana



**The Presidential Initiatives on Agriculture
and Agribusiness** - Office of the President

Project Title:

National Livestock and Poultry Training Program
By the Animal Research Institute of Ghana and Feedico Poultry and Animal Feed Centre with other strategic partners

Background to the Training

Poultry and livestock farming hold immense potential in transforming the livelihoods of young people across both rural and peri-urban communities in Ghana. The demand for poultry products such as meat and eggs continue to rise due to urbanization, population growth, and changing dietary preferences. As of 2023, the Ghana Poultry Project estimates that the country imports over 200,000 metric tons of poultry products annually, underscoring the need for local production to bridge the gap.

Smallholder poultry production in Ghana is predominantly traditional, relying on indigenous breeds with limited inputs in housing, feeding, and veterinary services. These low-input, low-output systems often lead to suboptimal productivity and limited income generation. According to the Ministry of Food and Agriculture (MoFA), over 60% of rural households rear poultry, yet national self-sufficiency in poultry meat is below 20%.

Improving the productivity and sustainability of these systems requires integrated interventions. This includes promoting climate-resilient and genetically improved poultry and livestock breeds, enhancing farmer access to best-cost feeds and veterinary services, and delivering inclusive training programs that develop both technical and business capacity.

To respond to these challenges and harness the vast youth potential in agribusiness, the Animal Research Institute in partnership with Feedico Poultry and Animal Feed Centre is embarking on a strategic training initiative. The program aims to provide young Ghanaians with the knowledge, tools, and networks to thrive in poultry and livestock farming while contributing to national food security, employment, and economic development.



Problem Statement

Ghana's livestock and poultry sector is critical to national food security and rural livelihoods but faces several challenges. These include low productivity, limited access to quality feed, inadequate training in modern practices, and a high dependence on poultry imports. These constraints hinder the sector's growth despite increasing domestic demand for animal protein. Youth unemployment remains high, particularly in rural areas where opportunities in agriculture are underutilized due to skill gaps. This program seeks to address these issues through practical, region-specific training to empower youth and farmers, enhance local production, and contribute to sustainable economic development.

Vision for the Future

This initiative envisions the development of a **youth-driven, commercially viable and resilient poultry and livestock farming sector** in Ghana. It aims to:

- Empower 10,000 young farmers across all 16 regions of Ghana by 2030 through targeted training and enterprise incubation.
- Enhance national poultry meat self-sufficiency from 20% to at least 50% within the next 5 years.
- Promote youth employment through **agribusiness value chain integration**, especially in hatcheries, feed production, veterinary services, and marketing.



Objectives of the Training

The training is designed with the following key objectives:

- 1** Build technical and practical competencies of young farmers in poultry and livestock management, including housing design, feeding, biosecurity, and flock health.
- 2** Strengthen hatchery outcomes by equipping participants with a clear understanding of fertile egg incubation and chick management techniques.
- 3** Introduce innovative technologies such as the hay-box brooder system to improve chick survival rates during early development stages.
- 4** Promote livestock-based nutrition by increasing awareness of the nutritional benefits of eggs, chicken meat, and animal protein in daily diets.
- 5** Enhance business and record-keeping skills to support long-term enterprise sustainability and access to finance.
- 6** Foster value chain linkages, connecting young farmers to input suppliers, processors, and markets to increase profitability.

Components of the Training Program

Classroom and Practical Demonstrations:

- Delivered at Animal research training institute facilities and selected regional demonstration farms.
- Mentorship and Coaching: Led by experienced agripreneurs and extension officers from the Animal Research Institute.
- Farm Inputs and Starter Kits: Provision of improved chicks, starter feed, and vaccination support to kickstart participants' farms.
- Market Access Platforms: Linking youth agripreneurs with institutional buyers and digital marketplaces.
- Monitoring and Evaluation: Tracking performance and impact, with data analytics to inform scaling strategies.



The Focus of the Program

1. Equip young farmers with practical skills in sustainable livestock and poultry production.
2. Promote innovative, regionally tailored animal husbandry methods.
3. Improve national food security through increased local meat and egg production.
4. Support government policy in reducing poultry imports.
5. Strengthen institutional collaboration between research bodies and farming communities.

Training Scope and Content

- The training will be delivered in all 16 regions and will include both theoretical instruction and hands-on experience in:
 - Poultry: Broilers, Layers, Indigenous breeds
 - Pig Farming
 - Small Ruminants: Goats and Sheep
 - Cattle: Beef and Dairy
 - Feed Formulation and Nutrition
 - Animal Health and Biosecurity
 - Agribusiness, Financial Literacy, Book keeping and Farm Management

Training will be implemented using workshops, field demonstrations, digital learning tools, and mentorship models.

Implementation Phases and Timeline

Phase 1: Program Launch (10th June 2025)

- Official program announcement
- Stakeholder briefings
- Public awareness and media campaigns

Outcome: National visibility and stakeholder buy-in

Phase 2: Training Rollout (July 28, 2025 – December 2026)

- Two training sessions per month in different regions
- Target: Youth, women, farmer groups, and agripreneurs

Outcome: Over 10,000 individuals trained nationwide

Phase 3: Monitoring, Evaluation, and Learning (Continuous)

- Quarterly progress evaluations
- Annual documentation of outcomes and lessons learned
- Adaptive updates to training curriculum based on feedback

Training Modules and Key Deliverables

Focus Area	Training Modules	Expected Outcomes
Poultry Rearing	Layer and Broiler Management	Improved production efficiency
Small Ruminants	Goat and Sheep Husbandry	Better breeding, disease control, and feeding
Cattle Rearing	Dairy and Beef Systems	Improved animal health and product quality
Pig Production	Housing, Feeding, and Reproduction	Sustainable and profitable pig farming practices
Feed Production	Formulation and Cost Reduction Strategies	Enhanced nutrition and farm viability
Disease Management	Vaccination, Biosecurity, and Vet Services	Reduced mortality and increased productivity
Agribusiness Skills	Budgeting, Market Access, Cooperative Formation	Strengthened farm business models

Target Beneficiaries

- Youth and new entrants into farming
- Smallholder and commercial farmers
- Unemployed graduates
- Women-led farming enterprises
- Farmer-based organizations and cooperatives

Justification for the Program

1. **Youth Employment:** Creating sustainable jobs in agriculture.
2. **Food Sovereignty:** Increasing local supply of meat and eggs.
3. **Policy Alignment:** Supports national agriculture and food security strategies.
4. **Sustainable Practices:** Promotes eco-friendly and efficient production.
5. **Regional Customization:** Ensures relevance and success in all ecological zones.

Roles and Responsibilities of Implementing Partners

The **Office of the Presidential Initiatives** on Agriculture and Agribusiness will serve as the oversight strategic coordinator working with Feedico Company Limited, ARI and other partners to facilitate the Training of Young Poultry and Livestock Farmers across All 16 Regions of Ghana. As a flagship program under the current government's agribusiness transformation agenda, the Office shall play a central guiding role, ensuring that all components of the initiative are aligned with the vision, policies, and priorities of the Government of Ghana.

Animal Research Institute (ARI)

- Develop and deliver research-based training content
- Lead monitoring and evaluation efforts
- Provide expert trainers and facilitators

Feedico Poultry and Animal Feed Centre

- Conduct feed production and nutritional training
- Supply starter kits and technical resources
- Establish demonstration farms where needed

Strategic Partners (Government, NGOs, Private Sector)

- Offer financial, logistical, and policy support
- Connect trainees with markets and inputs
- Promote scaling and sustainability of successful models

Theory of Change: Poultry and Livestock Youth Agripreneurship in Ghana

Context and Problem

- Ghana faces low self-sufficiency in poultry meat (<20%).
- Youth unemployment is high, especially in rural areas.
- Poultry and livestock systems are predominantly traditional, low-input, and low-output.
- High dependence on imports despite increasing domestic demand for animal protein.

Goal / Impact

Transform Ghana's poultry and livestock sector into a youth-driven, resilient, and commercially viable industry that contributes to national food security, employment, and rural development.

Intermediate Outcomes

- 10,000+ youth trained and actively running livestock/poultry businesses.
- Adoption of climate-resilient, efficient livestock practices.
- Increased productivity and profitability among youth-led farms.
- Strengthened market linkages and agribusiness ecosystems.
- Improved access to veterinary services, feed, and inputs.

Outputs

- Practical training sessions delivered in all 16 regions.
- Starter kits and improved breeds distributed.
- Demonstration farms and mentorship programs established.
- Business plans developed and financial linkages created.
- Market platforms for youth agripreneurs operational.
- Regional training data, policy briefs, and recommendations produced.

Activities

- Organize two regional training sessions monthly.
- Deliver modules on poultry, pigs, ruminants, feed formulation, and agribusiness.
- Distribute farm inputs (chicks, feed, vaccines).
- Provide ongoing coaching and mentorship.
- Facilitate access to digital and physical markets.
- Conduct monitoring, evaluation, and adaptive learning.

Inputs

- Expertise from Animal Research Institute (ARI) and Feedico.
- Funding and technical support from government and partners.
- Infrastructure for training, demo farms, and logistics.
- Training manuals, feed tools, veterinary kits.

Visual Summary (ToC Pathway)

Impact → Intermediate Outcomes → Outputs → Activities → Inputs

E.g. Training & Inputs → Skilled Youth Farmers → Improved Practices
→ Increased Local Production → Food Security & Employment



Regional Rollout Plan

Month	Region	Focus Areas
July 28, 2025	Greater Accra	Poultry, Pigs, Region-Specific Livestock
September 2025	Ashanti	Poultry, Ruminants, Feed Formulation
November 2025	Eastern	Pigs, Poultry, Agribusiness
January 2025	Western	Poultry, Cattle, Disease Control
March 2025	Central	Poultry, Feed Production
May 2026	Upper West	Poultry, Pigs, Local Livestock Systems

Note: Each region's training schedule and content will be tailored to local livestock potential and farming conditions.

Policy Impact and Poultry Industry Expansion

This program will contribute to national goals by:

- Building local capacity to reduce reliance on imported poultry
- Increasing productivity and access to domestic markets
- Encouraging youth to view livestock farming as a viable career
- Providing data and recommendations to influence policy and investment decisions
- Supporting the scaling of successful regional models at the national level

PROJECT DESIGN MATRIX: NATIONAL LIVESTOCK AND POULTRY TRAINING PROGRAM

Component	Activities	Inputs	Outputs	Process Indicators	Outcome Indicators	Target Group
1. Regional Capacity Building	Organize 2 training sessions/month across all 16 regions- Deliver practical modules on poultry, pigs, cattle, small ruminants, and feed formulation	Training manuals- Trainers (ARI, Feedico)- Demo farms- Logistics and venues	Over 10,000 farmers trained- Training kits distributed- Demonstration sites established	No. of training sessions- Attendance rate	40 % increase in knowledge 70% of trainees who apply practices	Youth, women, smallholder farmers, agripreneurs
2. Feed Formulation & Nutrition	Teach cost-effective feed production- Demonstrate local ingredient use	Feed samples- Feed formulation tools- Trainers from ARI/Feedico	Farmers produce own feed- Improved animal growth rates	No. of farmers trained- No. of local feed formulas adopted	Reduced feed cost- Increase in productivity	Livestock and poultry farmers, FBOs
3. Livestock Health & Management	Practical sessions on animal health, disease prevention, housing & hygiene	Vet tools- Animal health kits- Extension officers	Lower disease outbreaks- Cleaner, healthier animal units	No. of animals vaccinated- No. of farms with improved housing	Reduced mortality- Improved productivity per farm	Farmers, livestock keepers, youth
4. Agribusiness Training	Train on record-keeping, market access, business planning	Business modules- Financial tools- Mentors	Viable farm business plans- Linkage to finance & markets	No. of agribusinesses created- No. of trainees with business plans	% trainees accessing finance- % businesses scaled	Young agripreneurs, unemployed youth, women
5. Monitoring & Evaluation	Quarterly reviews- Mid & end-of-year assessments- Feedback collection	M&E tools- Data analysts- Stakeholder review forums	Updated training content- Learning from feedback integrated	No. of reports produced- No. of adjustments made	More relevant training- Increased adoption of skills	Program implementers, partners
6. Policy & Advocacy	Generate reports- Host dialogues- Share success stories	Policy briefs- Government/stakeholder meetings	Evidence to influence policy- Increased national attention on livestock	No. of engagements- No. of recommendations taken up	Reduced imports- Increased national poultry production	Policymakers, ministries, donor agencies

Crosscutting Outcome:

- Enhanced national capacity in poultry and livestock production
- Improved food security and rural livelihoods
- Alignment with government's policy on import substitution and youth employment

Conclusion

This National Livestock and Poultry Training Program presents a timely and strategic intervention to revitalize Ghana's animal agriculture. Through structured training, stakeholder collaboration, and region-specific focus, the program will empower farmers, improve national food security, and stimulate rural economic growth. Its long-term vision is to transform livestock farming into a vibrant, youth-driven sector supporting national development.

This initiative stands as a strategic step toward building a resilient, self-sufficient and youth-led poultry and livestock sector in Ghana. By investing in the skills, innovation, and entrepreneurship potential of young people, the Animal Research Institute and Feedico Poultry and Animal Feed Centre are shaping the future of agriculture in Ghana—one young farmer at a time.



Roadmap for The Training
Young Poultry and Livestock Farmers

Submitted by:

FEEDICO

COMPANY LIMITED

