Introducing the African Chicken Genetic Gains project

A platform for testing, delivering, and continuously improving tropically-adapted chickens for productivity growth in sub-Saharan Africa

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First ACGG Nigeria Innovation Platform Meeting
Ibadan, Nigeria, 20-22 July 2015
Our Vision

To transform Smallholder chicken production into commercially viable enterprise with active private sector engagement that empowers rural women, increases income and nutrition of their family through delivery of more productive locally adaptable chicken, production inputs and services to rural communities.
1) Determine which genetically improved chicken breed is highly productive LAC
2) Develop working PPP for supply of birds, inputs and services to the rural SHC farmers
3) Measure changes in production, productivity income and HH consumption of poultry products
4) Support the empowerment process (control over resources) of women in the SHC value chain
### Site Selection

<table>
<thead>
<tr>
<th>6 Agro-ecological zones</th>
<th>5 Project (Sub-National) Zones</th>
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<tbody>
<tr>
<td>Humid Forest</td>
<td>1,2,3</td>
</tr>
<tr>
<td>Derived Savanna</td>
<td>1,2,3,4</td>
</tr>
<tr>
<td>Guinea Savanna</td>
<td>4,5</td>
</tr>
<tr>
<td>Sudan Savanna</td>
<td>5</td>
</tr>
<tr>
<td>Sahel Savanna</td>
<td>-</td>
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<tr>
<td>Midaltitude</td>
<td>4</td>
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Source: www.iita.org
Genetic Material

Foreign

Fayoumi or
Sasso
Kuroiler

Nigerian

ShikaBrown®
FUNAAB alpha
Fulani
To achieve developmental Objectives
1. Establish Innovation Platforms (IP) to include women, representatives of all stakeholders and actors in the SHC value chain at National & Sub-National levels
2. Support or create women SHC farmers’ cooperatives/Business Hubs
3. Support or create women’s business hubs of input suppliers and output buyers
4. Train as required actors of the SHC value chain and innovation platforms
5. Develop learning resources (manuals, videos, online etc.) in 4 Nigerian languages on chicken management best practices
6. Establish monitoring and evaluation systems for the SHC VC and IP

To Achieve Research Objectives
6. Carry out baseline survey of the status of SHC in the 5 zones
7. Conduct on-station and on-farm evaluation of the genetic strains
8. Establish a sustainable data and sample collection system for long-term genetic gains evaluation
<table>
<thead>
<tr>
<th></th>
<th>Implementation Schedule</th>
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<tbody>
<tr>
<td>1.</td>
<td>Initiate Public Awareness</td>
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</table>
| 2. | Establish National Innovation Platforms (IP)  
Building structures for the Sub-National IP | July 2015 |
| 3. | In-Country Launch | July 2015 |
| 4. | Training of Field Officers/Enumerators | July 2015 |
| 5. | Baseline Survey (Open Data Kit) | Starts August 2015 |
| 6. | On-Station testing  
A) FUNAAB alpha and ShikaBrown® already started at FUNAAB  
B) Testing of other strains will start at OAU and other private poultry farms | Start August 2015 |
<p>| 7. | Identify or launch SHC cooperatives | August 2015 |
| 8. | Capacity Building | September 2015 |</p>
<table>
<thead>
<tr>
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<th>Activity Description</th>
<th>Date</th>
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<tbody>
<tr>
<td>9</td>
<td>Finalize import permits for the foreign genotypes (Fertile Eggs)</td>
<td>October – December 2015</td>
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<tr>
<td>10.</td>
<td>Identify 20 private brooder farms (4 in each zone) for distribution of 21 – day-old chickens</td>
<td>December 2015</td>
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<tr>
<td>11.</td>
<td>Establish SHC Biz Hubs input suppliers (Toll feed millers, Animal Health input suppliers) and Output buyers (Egg sellers, Fowl Sellers)</td>
<td>December 2015</td>
</tr>
<tr>
<td>14.</td>
<td>Summarize on-station performance data up to six months in lay</td>
<td>September 2016</td>
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<tr>
<td>15.</td>
<td>Summarize on-farm performance data up to 6 months in lay and on-station data up to 12 months in lay</td>
<td>June 2017</td>
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<tr>
<td>16.</td>
<td>Identify/Establish 1 private or PP company with monetary commitment to development (testing, multiplication, distribution) of at least 2 preferred strains</td>
<td>December 2017</td>
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</table>
Nigeria Team Members

**PI** - Prof E.B. Sonaiya

**Co-PIs** - Prof (Mrs) A.O. Adebambo
- Prof I.A. Adeyinka

**NPC** - Dr Oladeji Bamidele

**SNCs:**
- Zone 1 – Dr (Mrs) O.O. Alabi
- Zone 2 – Dr (Mrs) F.O. Ajayi
- Zone 3 – Prof (Mrs) U.E. Ogundu
- Zone 4 – Mr A. Yakubu
- Zone 5 – Prof W.A.A. Hassan
Partners

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UNIVERSITY OF AGRICULTURE
ABEOKUTA

NATIONAL ANIMAL PRODUCTION RESEARCH INSTITUTE

FEDERAL MINISTRY OF AGRICULTURE AND RURAL DEVELOPMENT
more productive chickens for Africa’s smallholders

http://africacgg.net

What Is In It For You?
Thank You!