



Screenshot of the app viewed in a browser.

Context

- Making ACGG on-farm and on-station chicken performance results accessible to public can help farmers and other stakeholders make evidence-based decisions.
- Real time App:** When new data is added, the app will automatically analyze and deploy results.

Our innovative approach



NUTRITION & FOOD SECURITY

Development of an app to capture project outputs for African Chicken Genetic Gain (ACGG)

- The app helps promote project transparency and collaboration for and with:
 - Donors
 - Policy makers
 - Other partners
- Supports for strategic decision making
- Using the App, stakeholders can choose their preferred and appropriate chicken breed



RESEARCH PROGRAM ON Livestock

LIVESTOCK GENETICS

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Photo A. Habtamu/ILRI

Outcomes

- ACGG datasets in three countries for on-farm and on-station were analyzed and deployed in an interactive Dashboard (App).
- The app is live and already crunching data for the project.

<https://setegnmath.shinyapps.io/SetegnWA/>

Future steps

- Scale-up the app to other related projects (ACGG in Asia, ADGG).
- Strengthen genomic, phenotypic and environmental database.

Partners

- ACGG national teams from Tanzania, Ethiopia, and Nigeria.



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