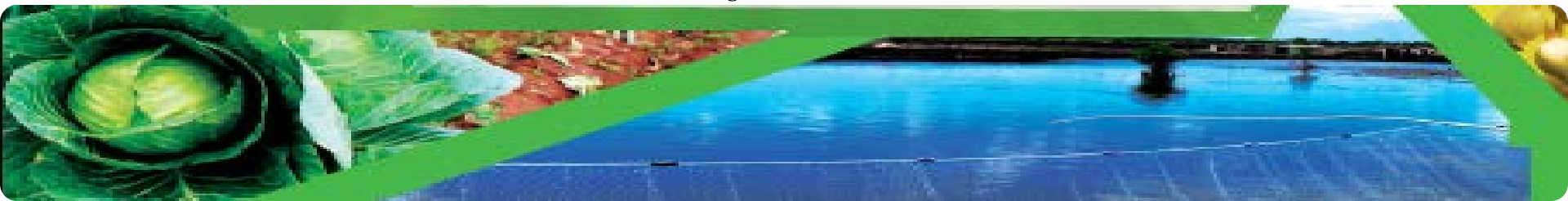




**Department of Agriculture**  
**Bureau of Agricultural Research**

# **BAR Overview and Research Priorities on Poultry and Livestock**

*May 31-June 2, 2017  
Bangkok, Thailand*





The Bureau of Agricultural Research (BAR) is the national funding and coordinating agency for the agriculture and fisheries research and development activities of the Department of Agriculture.

BAR provides a catalytic role in responding to the challenges that threaten the availability and affordability of food and the agriculture and fishery sector as a whole.


# Legal Mandate




**Executive Order 116** - created the Bureau of Agricultural Research under the 1986 Constitution.



**Executive Order 292** - affirmed BAR's specific mandate to: "ensure that all agricultural research is coordinated and undertaken for maximum utility to agriculture"



**Republic Act 8435** - a law also known as the Agriculture and Fisheries Modernization Act (AFMA) which has affirmed the leading role of BAR in agriculture and fisheries research and development (R&D)



**Executive Orders 127 (1999) and 338 (2000)** - Expanded the mandate of BAR to orchestrate, consolidate, and strengthen the National Research and Development System for Agriculture and Fisheries (NaRDSAF)





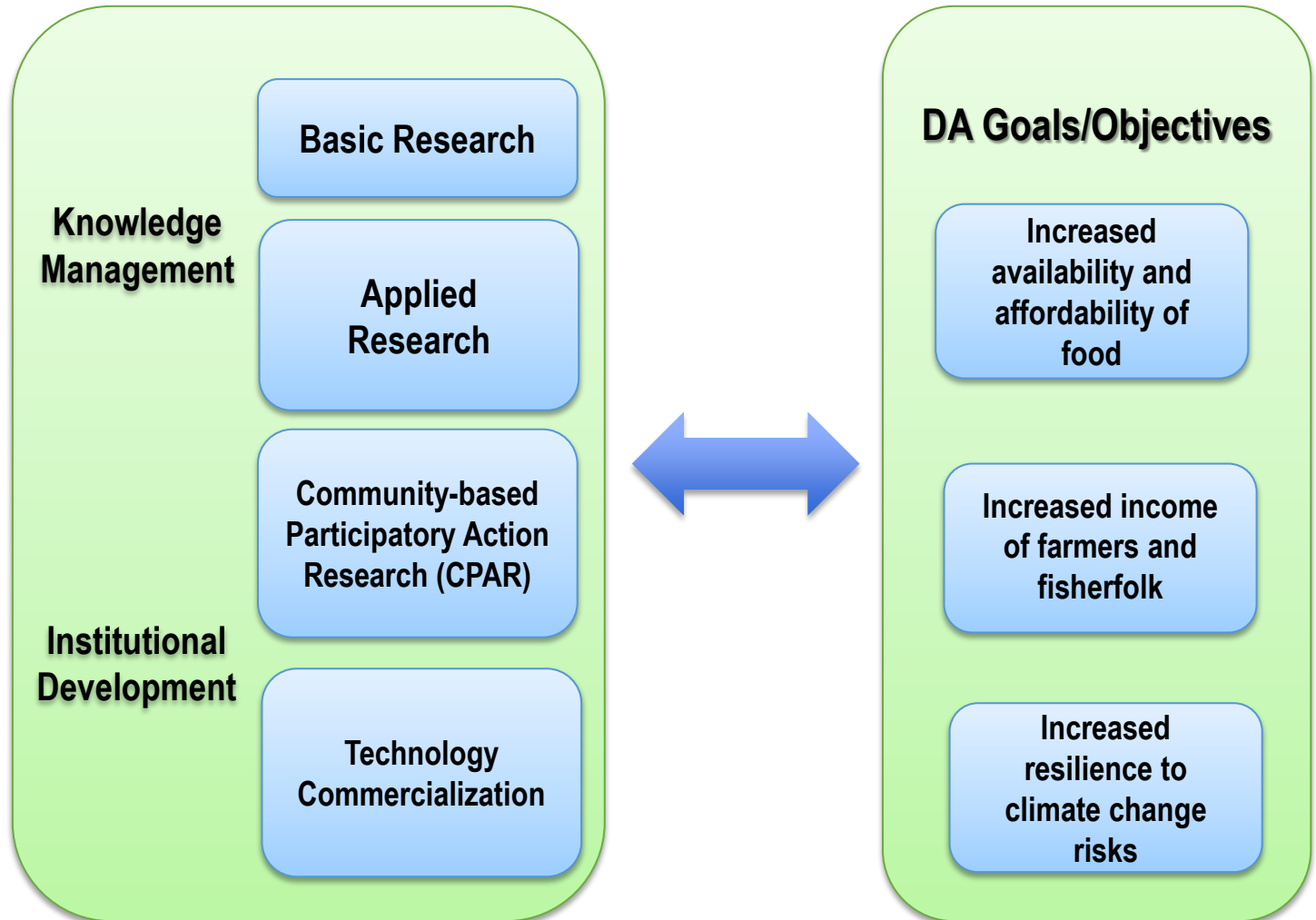
# Vision

*“A better life for Filipinos through excellence in agriculture and fisheries research and development”*

# Mission

*“To attain food security and reduce poverty through technology-based agriculture and fisheries sector”*

# Framework



# RDE Programs

## Regular Core Programs

- Community-based participatory action research (CPAR)
- National Technology Commercialization Program (NTCP)
- Support to basic and strategic researchers
- Institutional development
- Knowledge Management
- Information, Communication and Technology
- A/F Research Policy Advocacy



# RDE Programs

## Commodity-based Programs

- Rice
- Corn & Cassava
- High Value and Commercial Crops
- Poultry and Livestock (Philippine Native Animals)
- Fisheries and Aquaculture

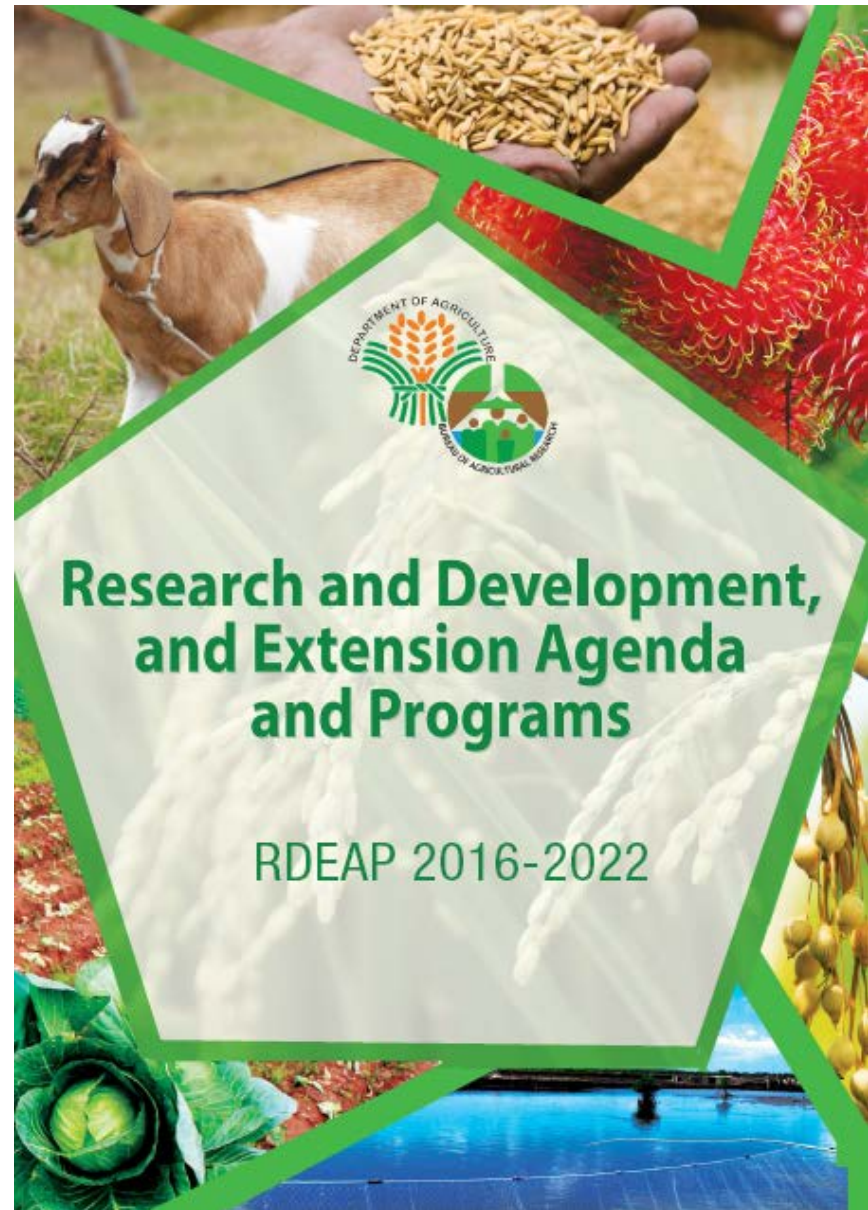
## Thematic Programs

- Organic Agriculture
- Climate Change
- Biotechnology
- Food Safety



A reference material, not only for BAR, but primarily for its partner implementing agencies

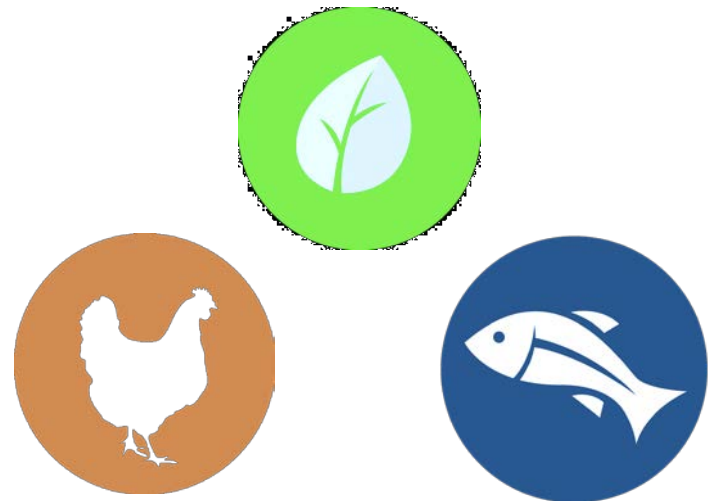
RDEAP contains RDE agenda and strategic directions that provide guidance towards a competitive, sustainable, and resilient agriculture and fishery sector.





# Priority Commodities

- Food Staples, Feed Sources and Other Alternatives
  - Rice
  - Corn
  - Cassava
- Commercial Crops
  - Plantation and biofuel crops
  - Vegetables, legumes and rootcrops
  - Fruits
- Poultry and Livestock
  - Native and backyard animals
- Fisheries and Aquaculture
  - Aquaculture
  - Capture fisheries



# R&D Goals

## *Poultry & Livestock*

- Increase production and improve productivity
- Promote enterprise development
- Ensure compatibility of practices with environmental standards
- Work for global competitiveness



# Researchable Areas

## *Poultry and Livestock*

- Uniform, predictable and superior breeding stocks
- Performance evaluation at different physiological stages using locally available and indigenous feedstuff and ingredients
- Rapid detection methods/tool for diseases
- Feed processing procedures and methods (to increase digestibility and bioavailability of indigenous ingredients)
- Profiling and evaluation of different indigenous and locally available feedstuff and ingredients



# Researchable Areas

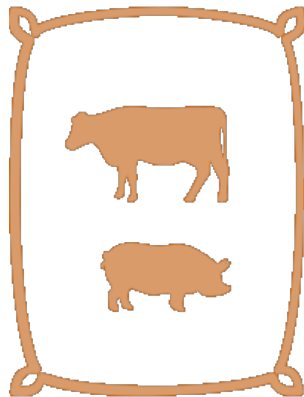
## *Poultry and Livestock*

- Product development including standards, packaging, shelf life
- Bio-security systems for new and emerging diseases
- Quick/rapid methods or procedures to identify presence of microbiological/chemical hazards from food
- Profiling and validation of endemic and prevalent diseases
- Documentation and validation of ethno-veterinary/indigenous practices for native animals



# BAR Funded R&D Projects

- 59 Completed Projects
- 27 On-going Projects



# Newton – BAR Swine & Poultry Call

Major Priority:

- Disease management and control

Expected Outputs:

- Diagnostic kits
- Package of technologies
- Technology guides/manuals





Thank you very much  
for your kind attention.

