



THE SEED SCIENCE CENTER IN ASIA

IOWA STATE
UNIVERSITY

College of
Agriculture and
Life Sciences

Global seed programs— Enhancing farmers' access to quality seeds across the globe



Programs in **79**
countries over
20 years

GLOBAL PROGRAMS THRUSTS

- Seed research and innovation
- Seed enterprise development
- Seed policy and regulation
- Capacity building for seed systems
- Biosafety of biotech-derived seeds
- Process management



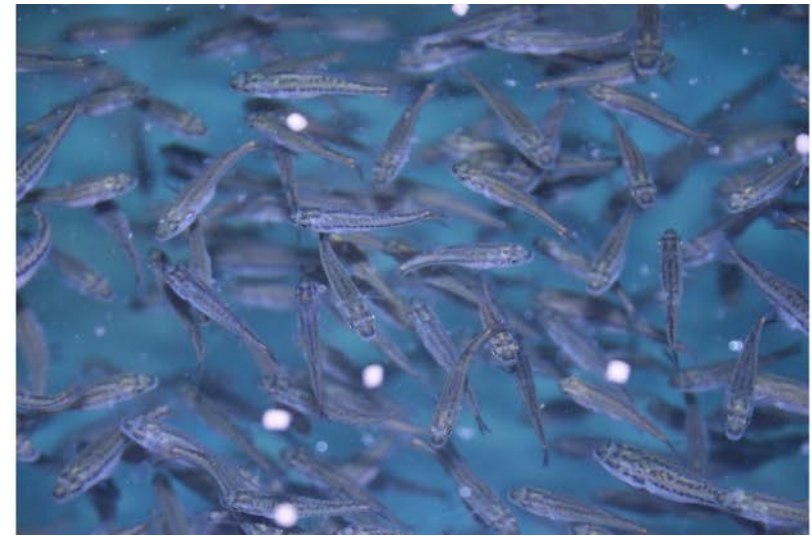
AG BIOTECH AND SEED SYSTEMS IN ASIA

\$845K two-year grant from USDA-FAS to enhance scientists', policymakers', and regulators' understanding of the role of biotech in developing seed systems and enabling farmers' access to high-quality seeds



OBJECTIVES

- To enhance understanding of the role of biotech in developing seed systems and spurring biotech innovation
- To support the incorporation of biotech into seed sector improvement initiatives
- To identify trade policies that ensure farmers' access to biotech innovations.



Ag Biotech and Seed Systems in Asia

PHILIPPINES

Department of Agriculture
Department of Environment
and Natural Resources

01

VIETNAM

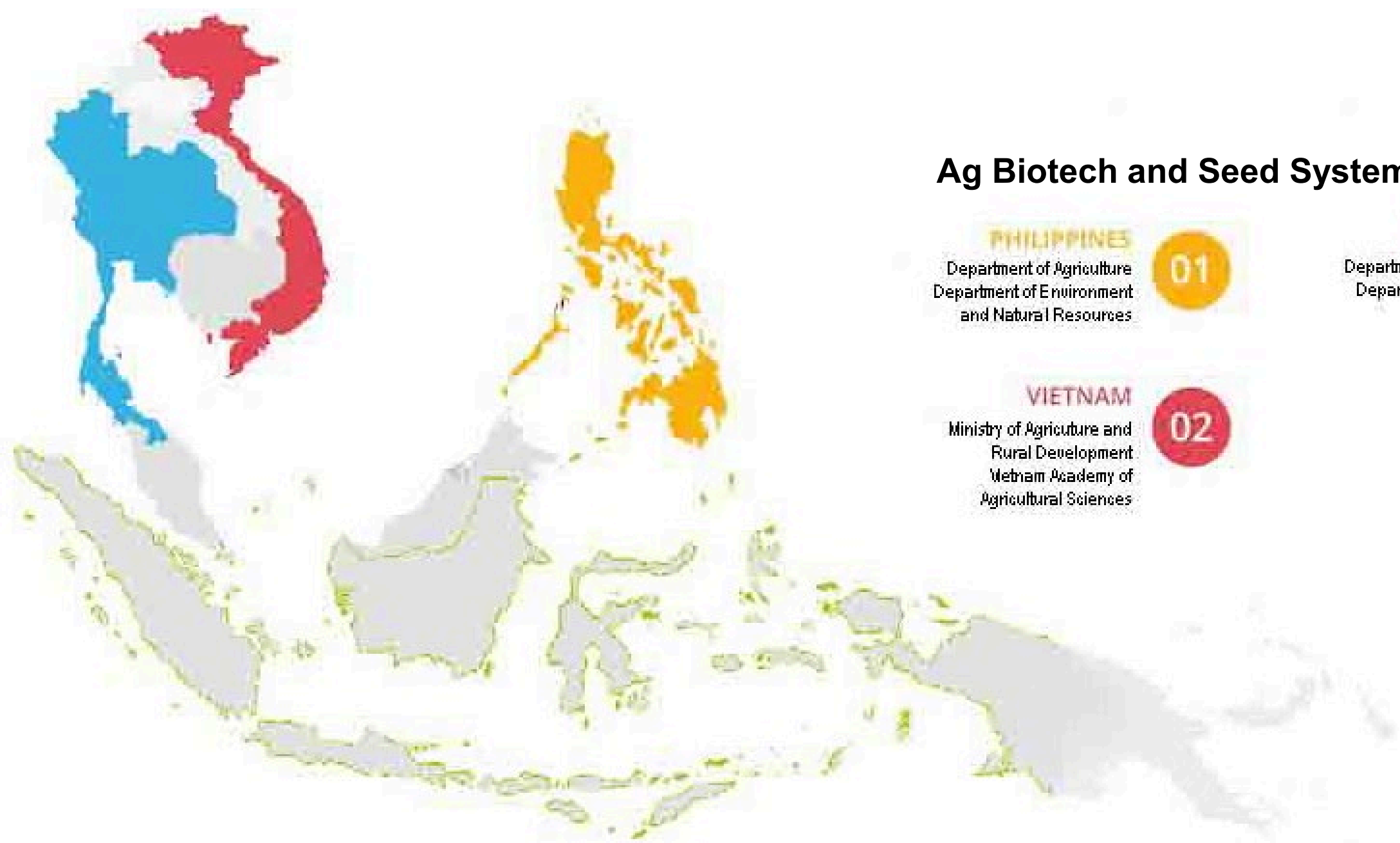
Ministry of Agriculture and
Rural Development
Vietnam Academy of
Agricultural Sciences

02

THAILAND

Department of Agriculture
Department of Fisheries

03



VIDEO LESSON MODULES

1 Biotech for crops

2 Biotech for livestock

3 Biotech for fisheries & aquatic resources

4 Policies and regulations

5 National and international legal aspects

6 Seed systems

7 Risk analysis

8 Post harvest

9 Potential impacts of biotech innovations

10 Risk & benefits communication

INSTRUCTORS





PROJECT PHASES

1 Online training of 24 participants from three countries over four months

Jan.–Apr. 2022

May 2023

2 In-person two-week training of 14 participants in Ames