



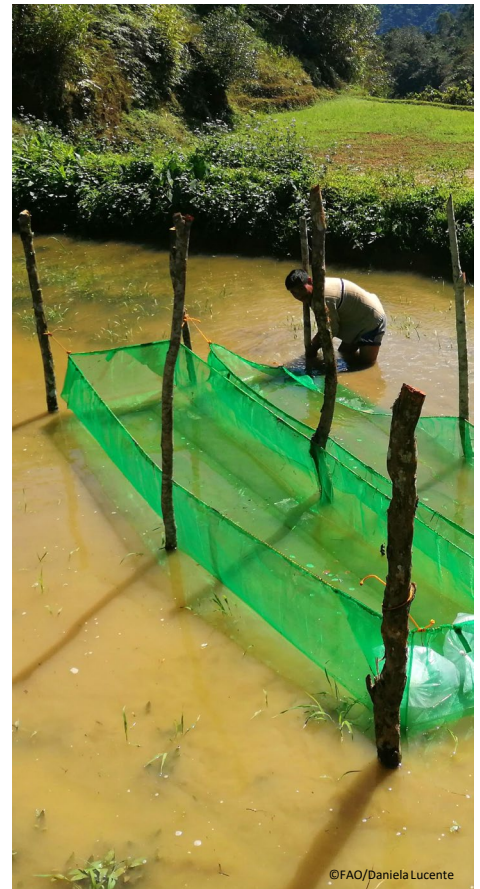
## PREPARING TO REPORT ON THE WORLD'S AQUATIC GENETIC RESOURCES FOR FOOD AND AGRICULTURE

A report published by FAO in 2019 on *The State of the World's Aquatic Genetic Resources for Food and Agriculture* identified the characterization, inventory and monitoring of aquatic genetic resources (AqGR) as a key need and challenge for FAO Members. The limited information currently available in most aquaculture-producing countries hinders effective planning and management of these resources. Addressing this need by developing, adopting, and utilizing a standardized recording and reporting system will support countries in strengthening their management of these valuable resources. An earlier project (GCP/GLO/970/GER), implemented between 2019 and 2023, focused on the establishment of a global information system for aquatic genetic resources, called AquaGRIS. This project (GCP/GLO/1173/GER) aims to add to the development of AquaGRIS, by focusing on building countries' capacity in reporting and monitoring on the status and trends in the management of AqGR. To achieve this, FAO will support countries in creating national registries for AqGR, as well as in developing indicators focused on national, regional and global processes concerning the management of AqGR. This work will form the basis for the preparation of *The Second Report on the State of the World's Aquatic Genetic Resources for Food and Agriculture*.

The creation of national registries and the development of indicators will reflect the status of AqGR, as well as the impact of implementing the FAO Global Plan of Action for the Conservation, Sustainable Use, and Development of Aquatic Genetic Resources for Food and Agriculture (GPA). Ultimately, this will support countries in the identification and prioritization of resources requiring enhanced genetic management and the selection of species and farmed types for genetic improvement.

### GOAL

The goal of this project is to assist countries in improving their knowledge and monitoring capacity of AqGR by supporting the creation of national registries, completing process indicator questionnaires, and developing a streamlined data collection strategy for the second global assessment of AqGR. This will help track the conservation, sustainable use, and development of these resources, inform the implementation of the GPA, and guide efforts to prioritize genetic management and improvements.



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### KEY FACTS

**Latest Approved Budget**  
USD 655 013

**Duration**  
September 2024–May 2027

**Resource Partners**  
Federal Government of Germany, Federal Ministry of Food and Agriculture (BMEL)

**Beneficiaries**  
National focal points, policymakers, researchers, aquaculturists and regional and international organizations working in aquaculture

## IMPACT

This project will contribute to sustainable aquaculture intensification and expansion, meeting the global demand for aquatic food while ensuring equitable distribution of benefits. By enhancing global technology and innovation knowledge-sharing mechanisms, the project will increase the number of effective and efficient aquaculture operations, supporting the long-term sustainability and growth of the sector.



## APPROACH

- Development of training and information materials for the long-term use of AquaGRIS, a global information system for aquatic genetic resources.
- Training for national focal points and their designates on data entry into AquaGRIS and its applications.
- Creation of full and partial national AquaGRIS registries for 30 countries.
- Consultation to finalize the monitoring system for the status of AqGR and their management and to assess the impact of the GPA.
- Streamlining the reporting strategy for the preparation of *The Second Report on the State of the World's Aquatic Genetic Resources for Food and Agriculture*.
- Updating of AquaGRIS, incorporating feedback provided by national focal points during the trainings and the development of national registries.



### Project Title

Application of a Global Information System on Aquatic Genetic Resources for Food and Agriculture

### Project Code

FAO: GCP/GLO/1173/GER  
Donor: GenR 2024-3

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