Memorandum of Agreement

(MoA)

Project Title

China–Indonesia Tropical Aquaculture Science and Technology Demonstration Base

Article 1: Parties

Hainan University (HNU): A key comprehensive university in Hainan Province, China, with long-term research foundations and extensive international cooperation experience in tropical agriculture and aquaculture.

Universitas Tadulako (UNTAD): A public state university located in Central Sulawesi Province, Republic of Indonesia, mandated to conduct higher education, research, and community service, and serving as a principal academic institution in the region.

Article 2: Background and Objectives

In furtherance of the mutual understanding on cooperation in agricultural technology and cultural exchange between the People's Republic of China and the Republic of Indonesia, the Parties agree to jointly establish **the Hainan University for the "Tropical Aquaculture Science and Technology Demonstration Centre"** (hereinafter referred to as the "TASTDE Centre") in Tadulako University, Central Sulawesi, Indonesia.

The objectives of the TASTDE Centre are as follows:

Technical Advancement: To enhance the technological capacity, innovation adoption, and production efficiency of marine and freshwater aquaculture systems in Central Sulawesi.

Human Capital Development: To develop locally skilled professionals and technical experts through joint training, research collaboration, and capacity-building initiatives under the TASTDE Centre.

Demonstration and Industrial Impact: To establish a replicable model for sustainable aquaculture development, contributing to regional economic growth, industrial upgrading, and employment generation.

Article 3: Construction of International Science and Technology Living Lab (STB)

The Parties agree to establish the **"International Science and Technology Living Lab (STB)"** within the TASTDE Centre framework as an embedded platform for applied research, education, and community engagement. The functions of the STB shall include:

Practical Education and Training: The STB shall serve as the primary

platform for UNTAD faculty members and students to undertake sustained field-based teaching, professional training, and applied research.

Joint Supervision and Research Collaboration: A joint supervision mechanism shall be implemented to support collaborative research addressing practical challenges in local marine and freshwater aquaculture production.

Community Engagement and Extension Services: The STB shall provide technical training, on-site demonstrations, and knowledge-transfer activities for local fishermen, aquaculture enterprises, and other relevant stakeholders.

Article 4: Joint Talent Development

Preferential Admission: HNU shall prioritize the admission of qualified students and Staff from UNTAD. Under equal conditions, UNTAD will give priority to HNU's Master's or Doctoral programs.

Appointment of Supervisor: UNTAD hereby appoints Professor **Gu Zhifeng** of HNU as a co-supervisor and academic mentor to provide guidance to UNTAD students and faculty members in research development and scholarly advancement.

Collaborative Development: Both Parties agree to use the TASTDE Centre and the STB as collaborative platforms for the joint development of UNTAD students, thereby promoting alignment of academic research with Indonesia's industrial priorities.

Article 5: Scope of Cooperation and Key Species

Both parties will collaborate on technical introduction, breeding, and management for:

Marine Aquaculture: Including **Pearl Oyster**, **Lobster**, **Seahorse**, etc.

Freshwater Aquaculture: Including **Eel** and other high-value tropical species.

Article 6: Division of Responsibilities

Hainan University (HNU): Led by Professor Gu Zhifeng's team, HNU will be responsible for designing the project's overall technical framework, providing continuous technical guidance, and supporting the joint academic development and student supervision.

Universitas Tadulako (UNTAD): Led by the Vice Rector for Planning and Collaboration, shall provide the necessary land resources (marine and freshwater sites), supporting infrastructure, and office facilities. UNTAD shall also assist with visa and relevant permit processing, and facilitate applicable tax exemptions for research equipment in accordance with Indonesian regulations.

Article 7: Research Outputs and Intellectual Property

Ownership of Results:

Research outputs, technical standards, data, and intellectual property rights generated in the course of this cooperation shall be jointly owned by the Parties, unless otherwise agreed in writing.

Utilization of Benefits:
Any economic benefits derived from demonstration development activities shall be allocated, with priority, to support the operation, sustainability, and talent development of the TASTDE Centre and the STB, subject to applicable laws and the Parties' mutual agreement.

Article 8: Effectiveness and Duration

Term: This Agreement shall become effective on the date of its signing by the Parties and shall remain in force for a period of five (5) years from the date of signature, unless otherwise agreed in writing by the Parties.

Nature of the Agreement: This Agreement serves as a framework arrangement between the Parties. Specific terms, conditions, and implementation details shall be further stipulated in separate written supplementary or implementing agreements mutually agreed upon by the Parties.

Signatures

On behalf of Hainan University (HNU):

Prof. Dr. Qiu Xiguang

Signature: _____

Place and Date: Palu, 16 April 2026

On behalf of Universitas Tadulako (UNTAD):

Assoc. Prof. Dr. sc.agr. Aiyen Tjoa

Signature: _____

Place and Date: Palu, 16 April 2026