

# Innovea Global Coffee Breeding Network

## Indonesia Arabica Breeding: Current Progress, Challenges, and Goals

### I. Report Overview & Objectives

- **Project Title:** Innovea Global Coffee Breeding Network—Arabica
  - **Reporting Period:** January-November 2025
  - **Partner Institution & Location:** Indonesian Coffee and Cocoa Research Institute, Indonesia
  - **Date of Report:** 4 November 2025
  - **Alignment with Core Objectives:**  
The Innovea program is beneficial for breeding in Indonesia, especially to obtain new superior genetic material to accelerate Indonesia breeding.
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### II. Overall Progress

*This section should detail concrete achievements and activities completed during the reporting period.*

#### A. Executive Summary of Achievements

- a. The result of previous seed shipment in 2024 had low germination rate. We plan to do seed shipment in November-December 2025. The import permit has already been granted. Previously, two trial shipments were carried out to prepare the shipment process to be smoother.
- b. We are committed to remaining part of the Innovea global breeding network. We believe through this collaboration can elevate arabica breeding in Indonesia more advanced through new technology.

#### B. Project Implementation & Milestones

The key success for seed shipment is high germination rate. There are some steps for seed import in Indonesia:

- Import permit from Ministry of Agriculture
- Shipping address according to Information Required for Seed Introduction To Indonesia
- Prior Notice before the package is sent (no later than the date of delivery)
- Official recommendation letter from the Quarantine Agency outlining potential pest and disease threats.
- A Phytosanitary Certificate, issued by the sending country's authorized institution, is obtained following testing procedures outlined by the Indonesian Quarantine Agency.
- Documents that need to be prepared when shipping: Commercial Invoice, Packing List, Airway Bill Number

- The original Phytosanitary Certificate, Commercial Invoice, Packing List, and Airway Bill must be sent alongside the shipment. Ensure you to scan and forward these documents to the ICCRI team.
  - The estimated shipping time from El Salvador to Indonesia is 10 - 14 days. Seeds can be treated to prevent mold and retain humidity during transportation.
  - The ICCRI team will submit quarantine actions (PTK Online) online, based on the documentation sent by the WCR team before the goods arrive in Indonesia.
  - Close supervision is crucial to expedite the application process, as DHL Express works with a third-party vendor to process the application with the Plant Quarantine Agency.
  - Working together, the DHL vendor team and ICCRI team conducted document verification and seed sampling at the Juanda Surabaya Quarantine Agency.
  - The quarantine agency's testing procedure is expected to take 1-2 weeks. After the result is clear, the seed can be officially released.
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### **III. Challenges and Limitations**

The were some challenges for seed shipment:

- Shipping expedition takes quite a long time to process customs clearance.
  - Quarantine testing also takes time for seed testing for pest and diseases. Quarantine agency also needs original phytosanitary with original signature and stamp.
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### **IV. Next Steps and Future Goals**

- Preparing for seed shipment in November-December 2025
- If the shipment is successful, we can plant in 2026



Figure 1. Seed germination 84% for shipment trial in March 2025



Figure 2. Quarantine process for seed released