



BIOECONOMY TALKS FOR SUSTAINABLE FOOD AND AGRICULTURE (BET 4 Sustainable Food and Agriculture)

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Zero Waste Farming and Innovations for Sustainable Agriculture: Experiences from Indonesia

Rici Solihin
CEO
Paprici Segar Barokah, Indonesia



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and Jerry Mushala

4 June, 2025

Schedule

Opening remarks:

2.00 - 2.05 p.m.

Bioeconomy talk:

2.05 - 2.25 p.m.

Discussion and Q&A

2.25 - 2.45 p.m.

*Bangkok time (ICT)

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or scan



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Topic

The presentation will focus on integrated agricultural business applying the principles of sustainable agriculture and zero Waste Farming to maximize resource efficiency and environmental stewardship. It will showcase how hydroponic farming systems operate in both greenhouses and open fields, guided by a circular economy approach.

The presentation will illustrate how using an automatic irrigation system based on humidity and temperature sensors can ensure precise and efficient water management. The processing of food products from surplus and off-grade vegetables to reduce food loss and waste will be also explained. It will also cover the practical ways of educating and engaging youth in agriculture, contributing to the regeneration of young farmers in Indonesia.

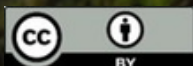
Speaker

Rici Solihin is a social agribusiness leader committed to empowering farmers and youth in rural Indonesia through sustainable agriculture, technology, and market access. As CEO of Paprici Segar Barokah, he leads business growth, farmer empowerment, and climate-smart innovation. Named the 2024 Young Ambassador for Agriculture by Indonesia's Ministry of Agriculture and recipient of the ASEAN Youth Award in 2019, Rici has spoken at international events and holds multiple certifications as an entrepreneurship trainer, mentor, and SDG Leader.

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