



MYANMAR

# Upscaling Mushroom Production through Creation of Circular Economy



## Relevance

Mushrooms can be harvested all year round and the results can be used as a variety of other derivative products such as seasoning powder, sauces, meatballs, cookies, candies, and various snacks. Thus, demand is favorably rising, especially from hotels and restaurants businesses. Myanmar Pann extends innovation in mushroom-based products and seasoning powder to Myanmar consumers. The project will benefit mushroom farmers, suppliers, and the livelihood community, especially women. Moreover, the whole production chain is relatively low-cost, suitable for smallholder farmers and environmentally friendly.

## Objective

- Capacity building on mushroom production and management, value-added products production, and waste management for smallholder farmers including women and youth are provided
- Chemical free fresh mushrooms are produced
- Innovative mushroom based value-added products are produced
- Market linkage for better markets for higher prices are developed
- Bio-fertiliser from Spent Mushroom Substrate (SMS) are produced

## Project Overview

Partner  
Myanmar Pann Co., Ltd.

Duration  
January 2022 to  
January 2023

Total Volume  
46,670 EUR





## The Project at a Glance



In partnership with the Agrinnovation Fund in ASEAN, Myanmar Pann Co. Ltd. will improve mushroom production capacity. It will cover management, value-added products production, and waste management for smallholder farmers, including women and youth. In order to produce safe and healthy mushroom, Myanmar Pann will organise technical training on applying Good Agricultural Practices (GAP) to produce safe food and quality products for mushroom growers. Furthermore, Myanmar Pann will support the processing of organic certificate issued by mushroom association based on Myanmar Fruit, Flower & Vegetable Producer & Exporter Association (MFVP) guideline, with Participatory Guarantee System (PGS).

To anticipate over-harvesting, mushroom farmers will receive training to produce mushroom-based products. Bio-fertiliser from mushroom waste-based products will be produced as an added value. This will reduce environmental pollution, while contributing to economic growth and a circular economy. In this partnership, Myanmar Pann contributes dedicated staff to the project, training materials and venue for capacity building for farmers, equipment and machine for mushroom cultivation and mushroom meatball production, and vehicles for product transportation. The Agrinnovation Fund in ASEAN will contribute technical experts and packaging machineries.



**Published by**

Deutsche Gesellschaft für  
Internationale Zusammenarbeit (GIZ) GmbH  
Registered offices Bonn and Eschborn, Germany

**Author(s)**

ASEAN AgriTrade Myanmar Team

**Address**

Promotion of Sustainable Agricultural Value Chains in  
ASEAN (ASEAN AgriTrade)  
4th Floor, Uniteam Marine Building,  
84, Pan Hlaing Street, Sanchaung Tsp.,  
Phone +95 1 230 555 0  
Fax +95 1 230 5552  
giz-myanmar@giz.de  
www.giz.de

**As of**

April, 2022

