

Fish feed

Integrated process of mushroom and fish feed
production from residues of the
oil palm agro-industry



Photo: Gogosevni/Stock



Embrapa
Agroenergy

Integrated process of mushroom and fish feed production from residues of the oil palm agro-industry

Raw material

**Residual biomass
of oil palm**

Process

***Pleurotus ostreatus*
mushroom production**

End product

**Edible mushroom and
fish feed input**

Integrated production process for edible *Pleurotus ostreatus* mushrooms and inputs for the formulation of fish feed using residual plant biomass from the oil palm agro-industry. The concept of integration refers to the production of residual biomass of mushrooms for human consumption, using the substrate of its cultivation (SMS) to formulate fish feed.

Applications

- + Fish feed formulation.
- + Mushroom production for human consumption.

Advantages

- + Adding value to the oil palm production chain.
- + Utilization of residues for the production of mushrooms and animal feed.

Stage ► TRL/MRL 4 - Lab scale

Take this
technology
to another
stage



Research
with us
for other
potential
uses



Make this
technology
the basis
of your
incubated
company

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