

Biogas

Biogas production from agro-industrial residues

Photo: Leonardo Valadares



Embrapa
Agroenergy



Biogas production from agro-industrial residues

Raw material

POME

Process

Biodigestion by reactor

End product

Biogas

Biogas production process from Palm Oil Mill Effluent (POME) in a UASB reactor.

Applications

- + Biogas and biofertilizer production.
- + Treatment of effluents from the palm oil chain.

Advantages

- + Utilization of residues for energy production.
- + Adding value to the palm oil production chain.
- + Treatment of effluents in a totally biological way and with low cost.

Stage ► TRL/MRL 3 - Lab scale

Take this
technology
to another
stage



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with us
for other
potential
uses



Make this
technology
the basis
of your
incubated
company

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